

Quick Reference Table
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Ingredient	Finding†	Conclusion	Citation‡
1,10-Decanediol	S		Final Report 06/2018 Available from CIR
1,2-Butanediol	S		IJT 31(Suppl. 2):147-168, 2012
1,2-Hexanediol	S		IJT 31(Suppl. 2):147-168, 2012
1,4-Butanediol	I	The Panel also concluded that the available data are insufficient to make a determination that 1,4-Butanediol... is safe under the intended conditions of use in cosmetic formulations.	Final Report 06/2018 Available from CIR
1,4-Butanediol/Succinic Acid/Adipic Acid/HDI Copolymer	S		Final Report 06/2016 Available from CIR
1,5-Pentanediol	S		Final Report 06/2018 Available from CIR
1-Hydroxyethyl 4,5-Diamino Pyrazole Sulfate	S		Final Report 04/2016 Available from CIR
1-Naphthol	S		JACT 8(4):749-768, 1989; IJT 30(Suppl. 2):73-127, 2011
10-Hydroxydecanoic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...10-Hydroxydecanoic Acid...	Final Report 04/2019 Available from CIR
10-Hydroxystearic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...10-Hydroxystearic Acid...	Final Report 04/2019 Available from CIR
2,3-Butanediol	I	The Panel also concluded that the available data are insufficient to make a determination that ... 2,3-Butanediol ... is safe under the intended conditions of use in cosmetic formulations.	Final Report 06/2018 Available from CIR
2,3-Naphthalenediol	Z	The CIR Expert Panel concludes that the available data are insufficient to support the safety of 2,3-Naphthalenediol as used in cosmetics.	JACT 7(3):353-357, 1988
2,4-Diaminophenol	SQ	On the basis of the data included in this report, the CIR Expert Panel concludes that 2,4-Diaminophenol and 2,4-Diaminophenol Dihydrochloride are safe for use in hair dyes at concentrations up to 0.2% (as the free base). 2009 RE-REVIEW - The Expert Panel noted that 2,4-Diaminophenol Dihydrochloride is now termed 2,4-Diaminophenol Hydrochloride.	JACT 13(5):330-343, 1994; IJT 30(Suppl. 2):73-127, 2011
2,4-Diaminophenol Dihydrochloride	SQ	On the basis of the data included in this report, the CIR Expert Panel concludes that 2,4-Diaminophenol and 2,4-Diaminophenol Dihydrochloride are safe for use in hair dyes at concentrations up to 0.2% (as the free base). 2009 RE-REVIEW - The Expert Panel noted that 2,4-Diaminophenol Dihydrochloride is now termed 2,4-Diaminophenol Hydrochloride.	JACT 13(5):330-343, 1994; IJT 30(Suppl. 2):73-127, 2011
2,4-Diaminophenol HCl	SQ	On the basis of the data included in this report, the CIR Expert Panel concludes that 2,4-Diaminophenol and 2,4-Diaminophenol Dihydrochloride are safe for use in hair dyes at concentrations up to 0.2% (as the free base). 2009 RE-REVIEW - The Expert Panel noted that 2,4-Diaminophenol Dihydrochloride is now termed 2,4-Diaminophenol Hydrochloride.	JACT 13(5):330-343, 1994; IJT 30(Suppl. 2):73-127, 2011
2,4-Diaminophenoxyethanol Dihydrochloride	S		JACT 10(1):113-134, 1991; Final Report 12/2007 Available from CIR
2,4-Diaminophenoxyethanol HCl	S		JACT 10(1):113-134, 1991; Final Report 12/2007 Available from CIR
2,4-Diaminophenoxyethanol Sulfate	S		Final Report 12/2007 Available from CIR
2-Amino-3-Hydroxypyridine	S		IJT 39(52):91-97,2020
2-Amino-3-Nitrophenol	S		IJT 28(Suppl. 3):217-251, 2009
2-Amino-4-Hydroxyethylaminoisole	SQ	The CIR Expert Panel concluded that 2-amino-4-hydroxyethylaminoisole and 2-amino-4-hydroxyethylaminoisole sulfate are safe for use in oxidative hair dye formulations. Were the free base (2-amino-4-hydroxyethylaminoisole) to be used in the future, the expectation is that it would be used at concentrations similar to the sulfate salt. The Expert Panel cautions that these ingredients should not be used in hair dye products in which N-nitroso compounds may be formed.	IJT 32(Suppl. 1):25-35, 2013
2-Amino-4-Hydroxyethylaminoisole Sulfate	SQ	The CIR Expert Panel concluded that 2-amino-4-hydroxyethylaminoisole and 2-amino-4-hydroxyethylaminoisole sulfate are safe for use in oxidative hair dye formulations. Were the free base (2-amino-4-hydroxyethylaminoisole) to be used in the future, the expectation is that it would be used at concentrations similar to the sulfate salt. The Expert Panel cautions that these ingredients should not be used in hair dye products in which N-nitroso compounds may be formed.	IJT 32(Suppl. 1):25-35, 2013
2-Amino-4-Nitrophenol	S		IJT 28(Suppl. 3):217-251, 2009
2-Amino-4-Nitrophenol Sulfate	S		IJT 28(Suppl. 3):217-251, 2009
2-Amino-5-Nitrophenol	S		IJT 28(Suppl. 3):217-251, 2009
2-Amino-6-Chloro-4-Nitrophenol	SQ	On the basis of the animal and clinical data included in this report, the CIR Expert Panel concludes that 2-Amino-6-Chloro-4-Nitrophenol and its hydrochloride salt are safe for use in hair dye formulations at concentrations of up to 2.0%. The CIR Expert Panel re-affirmed the above conclusion on December 2012.	IJT 16(51):131-143, 1997; IJT 36(Suppl 2):14-58, 2017
2-Amino-6-Chloro-4-Nitrophenol Hydrochloride	SQ	On the basis of the animal and clinical data included in this report, the CIR Expert Panel concludes that 2-Amino-6-Chloro-4-Nitrophenol and its hydrochloride salt are safe for use in hair dye formulations at concentrations of up to 2.0%.	IJT 16(51):131-143, 1997
2-Bromo-2-Nitropropane-1,3-Diol	SQ	The evidence at hand indicates 2-Bromo-2-Nitropropane-1,3-Diol to be safe as a cosmetic ingredient at concentrations up to and including 0.1 percent except under circumstances where its action with amines or amides can result in the formation of nitrosamines or nitrosamides.	JEPT 4(4):47-61, 1980; JACT 3(3):139-155, 1984; IJT 25(Suppl. 2) :1-89,2006
2-Chloro-p-Phenylenediamine	S		JACT 11(4):521-530, 1992; IJT 30(Suppl. 2):73-127, 2011
2-Chloro-p-Phenylenediamine Sulfate	S		JACT 11(4):521-530, 1992; IJT 30(Suppl. 2):73-127, 2011

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2-Ethoxy Ethoxy Ethyl Methacrylate	SQ	Based on available data, the CIR Expert Panel concluded that 2-Ethoxy Ethoxy Ethyl Methacrylate ... is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IJT 24(Suppl 5):53-100, 2005
2-Methyl-5-Hydroxyethylaminophenol	S		JACT 9(2):185-202, 1990; IJT 27(Suppl. 1):77-142, 2008
2-Methylresorcinol	S		JACT 5(3):167-203, 1986; IJT 27(Suppl. 1):77-142, 2008
2-Nitro-p-Phenylenediamine	S		JACT 4(3):161-202, 1985; IJT 25(Suppl. 2):1-89,2006
2-Oleamido-1,3-Octadecanediol	S		IJT 39(3):5-25,2020
3-Methylamino-4-Nitrophenoxyethanol	S		IJT 27(Suppl. 2):41-51, 2008
3-Nitro-p-Hydroxyethylaminophenol	S		IJT 28(Suppl. 3):217-251, 2009
4-Amino-2-Hydroxytoluene	S	JACT 8(4):569-587, 1989; IJT 27(Suppl. 1):77-142, 2008	
4-Amino-2-Nitrophenol	Z	Based on the data contained in this report, the CIR Expert Panel concludes that 2-amino-3-nitrophenol, 2-amino-4-nitrophenol,2-amino-4-nitrophenol sulfate, 2-amino-5-nitrophenol, 4-amino-3-nitrophenol, 3-nitro-p-hydroxyethylaminophenol, and 4-hydroxypropylamino-3-nitrophenol are safe as hair dye ingredients in the practices of use and concentration as described in this safety assessment, but the data are insufficient to make a determination of safety for 4-amino-2-nitrophenol.	IJT 28(Suppl. 3):217-251, 2009
4-Amino-3-Nitrophenol	S		IJT 28(Suppl. 3):217-251, 2009
4-Amino-m-Cresol	S		IJT 23 (Suppl. 2):1-22, 2004
4-Chloro-2-Aminophenol	SQ;Z	The CIR Expert Panel concludes that the available data support the safety of 6-Amino-m-Cresol, 4-Amino-m-Cresol, 5-Amino-4-Chloro-o-Cresol and 5-Amino-6-Chloro-o-Cresol as used in oxidative and nonoxidative (semipermanent) for dyes. The available data also support the safety of 6-Amino-o-Cresol and 4-Chloro-2-Aminophenol for use in oxidative hair dyes, but are insufficient to support the safety of 6-Amino-o-Cresol and 4-Chloro-2-Aminophenol and nonoxidative (semipermanent) hair dyes.	IJT 23 (Suppl. 2):1-22, 2004
4-Chlororesorcinol	S		JACT 15(4):284-294, 1996; IJT 36(Suppl 2):14-58, 2017
4-Hydroxybenzoic Acid	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...4-Hydroxybenzoic Acid...	IJT 39(S1):5-97,2020
4-Hydroxypropylamino-3-Nitrophenol	S		IJT 28(Suppl. 3):217-251, 2009
4-Methoxy-m-Phenylenediamine	U	On the basis of the information included in this report the CIR Expert Panel concludes that 4-Methoxy m-Phenylenediamine, 4-Methoxy-m-Phenylenediamine Sulfate and 4-Methoxy-m-Phenylenediamine HCL are unsafe for use in cosmetic products.	JACT 11(4):381-422, 1992
4-Methoxy-m-Phenylenediamine Sulfate	U	On the basis of the information included in this report the CIR Expert Panel concludes that 4-Methoxy m-Phenylenediamine, 4-Methoxy-m-Phenylenediamine Sulfate and 4-Methoxy-m-Phenylenediamine HCL are unsafe for use in cosmetic products.	JACT 11(4):381-422, 1992
4-Methoxy-m-Phenylenediamine-HCl	U	On the basis of the information included in this report the CIR Expert Panel concludes that 4-Methoxy m-Phenylenediamine, 4-Methoxy-m-Phenylenediamine Sulfate and 4-Methoxy-m-Phenylenediamine HCL are unsafe for use in cosmetic products.	JACT 11(4):381-422, 1992
4-Nitro-m-Phenylenediamine	Z	The safety of 4-Nitro-m-Phenylenediamine has not been documented and substantiated. The CIR Expert Panel cannot conclude that this ingredient is safe for use in cosmetic products until the appropriate safety data have been obtained and evaluated.	JACT 11(4):489-495, 1992
4-Nitro-o-Phenylenediamine	S		JACT 4(3):161-202, 1985; IJT 25(Suppl. 2):1-89,2006
5-Amino-4-Chloro-o-Cresol	S		IJT 23 (Suppl. 2):1-22, 2004
5-Amino-6-Chloro-o-Cresol	S		IJT 23 (Suppl. 2):1-22, 2004
5-Bromo-5-Nitro-1,3-Dioxane	SQ		The evidence at hand indicates 5-Bromo-5-Nitro-1,3-Dioxane to be safe as a cosmetic ingredient at concentrations up to and including 0.1 percent except under circumstances where its action with amines or amides can result in the formation of nitrosamines or nitrosamides.
6-Amino-m-Cresol	S	IJT 23 (Suppl. 2):1-22, 2004	
6-Amino-o-Cresol	S	IJT 23 (Suppl. 2):1-22, 2004	
6-Hydroxyindole	S	IJT 33(Suppl. 3):24-35, 2014	
AMP-Acrylates Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..AMP-Acrylates Copolymer...	Final Report 12/2018 Available from CIR
Acacia Catechu Gum	Z	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products: Acacia Catechu Gum...	IJT 24(Suppl. 3):75-118, 2005
Acacia Concinna	I	The Panel concluded that the available data are insufficient to support the safety of ... Acacia Concinna... for use in cosmetic products.	Final Report 03/20/1998 Available from CIR
Acacia Concinna Extract	UNS	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products:...Acacia Concinna Extract...	IJT 24(Suppl. 3):75-118, 2005
Acacia Concinna Fruit Extract	UNS	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products:... Acacia Concinna Fruit Extract...	IJT 24(Suppl. 3):75-118, 2005
Acacia Dealbata	Z	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products: ... Acacia Dealbata ...	IJT 24(Suppl. 3):75-118, 2005

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Acacia Dealbata Extract	Z	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products: ...Acacia Dealbata Leaf Extract...	IJT 24(Suppl. 3):75-118, 2005
Acacia Dealbata Leaf Extract	Z	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products: ...Acacia Dealbata Leaf Extract...	IJT 24(Suppl. 3):75-118, 2005
Acacia Dealbata Leaf Wax	Z	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products: ... Acacia Dealbata Leaf Wax...	IJT 24(Suppl. 3):75-118, 2005
Acacia Decurrens	UNS	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products:...Acacia Decurrens Extract...	IJT 24(Suppl. 3):75-118, 2005
Acacia Decurrens Extract	UNS	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products:...Acacia Decurrens Extract...	IJT 24(Suppl. 3):75-118, 2005
Acacia Farnesiana	Z	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products: ... Acacia Farnesiana Extract...	IJT 24(Suppl. 3):75-118, 2005
Acacia Farnesiana Extract	UNS	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products: ...Acacia Farnesiana Extract...	IJT 24(Suppl. 3):75-118, 2005
Acacia Farnesiana Flower Wax	UNS	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products: ...Acacia Farnesiana Flower Wax...	IJT 24(Suppl. 3):75-118, 2005
Acacia Farnesiana Flower/Stem Extract	UNS	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products: ...Acacia Farnesiana Extract...	IJT 24(Suppl. 3):75-118, 2005
Acacia Farnesiana Gum	Z	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products: ...Acacia Farnesiana Gum...	IJT 24(Suppl. 3):75-118, 2005
Acacia Senegal Extract	UNS	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products: ... Acacia Senegal Extract.	IJT 24(Suppl. 3):75-118, 2005
Acacia Senegal Flower/Stem Extract	UNS	The Panel also concluded that the available data are insufficient to support the safety of the following ingredients in cosmetic products:... Acacia Senegal Flower/Stem Extract.	IJT 24(Suppl. 3):75-118, 2005
Acacia Senegal Gum	S		IJT 24(Suppl. 3):75-118, 2005
Acacia Senegal Gum Extract	S		IJT 24(Suppl. 3):75-118, 2005
Acetamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Acetamide MEA	JACT 12(3):225-236, 1993; IJT 30(Suppl. 2):73-127, 2011; IJT 34(Suppl.1):18-34, 2015
Acetic Acid	S		IJT 31(Suppl. 1):112-136, 2012
Acetic/Linoleic/Palmitic Triglyceride	S		Final Report 12/2017 Available from CIR
Acetyl Arginine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Acetyl Arginine	IJT 36(Suppl. 1):17-56, 2017
Acetyl Carnitine	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Acetyl Carnitine.	IJT 31(Suppl. 3):296-341, 2012
Acetyl Carnitine HCl	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Acetyl Carnitine HCl...	IJT 31(Suppl. 3):296-341, 2012
Acetyl Cysteine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Acetyl Cysteine	IJT 36(Suppl. 1):17-56, 2017
Acetyl Glutamic Acid	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Acetyl Glutamic Acid	IJT 36(Suppl. 1):17-56, 2017
Acetyl Glutamine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Acetyl Glutamine	IJT 36(Suppl. 1):17-56, 2017
Acetyl Histidine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Acetyl Histidine	IJT 36(Suppl. 1):17-56, 2017
Acetyl Methionine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Acetyl Methionine	IJT 36(Suppl. 1):17-56, 2017
Acetyl Proline	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Acetyl Proline	IJT 36(Suppl. 1):17-56, 2017
Acetyl Tributyl Citrate	S		IJT 21(Suppl.2):1-17, 2002
Acetyl Triethyl Citrate	S		IJT 21(Suppl.2):1-17, 2002
Acetyl Trihexyl Citrate	S		IJT 21(Suppl.2):1-17, 2002
Acetyl Trioctyl Citrate	S		IJT 21(Suppl.2):1-17, 2002
Acetyl Tyrosine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Acetyl Tyrosine	IJT 36(Suppl. 1):17-56, 2017
Acetylated Lanolin	S		JEPT 4(4):63-92, 1980; IJT 24(Suppl. 1):1-102, 2005
Acetylated Lanolin Alcohol	S		JEPT 4(4):63-92, 1980; IJT 24(Suppl. 1):1-102, 2005
Achillea Millefolium Extract	SQ	The CIR concluded that ...Achillea Millefolium Extract is safe in the present practices of use and concentration when formulated to be non-sensitizing.	IJT 20(S2):79-84, 2001; IJT 35(Suppl. 3):5-15, 2016

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Achillea Millefolium Flower Extract	SQ	The CIR concluded that ...Achillea Millefolium Flower Extract is safe in the present practices of use and concentration when formulated to be non-sensitizing.	IJT 20(S2):79-84, 2001; IJT 35(Suppl. 3):5-15, 2016
Achillea Millefolium Flower/Leaf/Stem Extract	SQ	The CIR concluded that ...Achillea Millefolium Flower/Leaf/Stem Extract is safe in the present practices of use and concentration when formulated to be non-sensitizing.	IJT 20(S2):79-84, 2001; IJT 35(Suppl. 3):5-15, 2016
Acid Orange 3	SQ	On the basis of the animal and clinical data included in this report, the CIR Expert Panel concludes that Acid Orange 3 is safe for use in hair dye formulations at concentrations < 0.2%.	IJT 19(S1):1-9, 2000
Acid Violet 43	S		IJT 20(suppl 3):1-6, 2001;Final Report 12/2016 Available from CIR
Acrylamide	SQ	The CIR Expert Panel concluded that Polyacrylamide is safe as a cosmetic ingredient in the practices of use and concentration described in this safety assessment, if the level of acrylamide monomer in formulation is not greater than 5 ppm.	IJT 24(Suppl. 2):21-50, 2005
Acrylamide/Ethyltrimonium Chloride Acrylate/Ethalkonium Chloride Acrylate Copolymer	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Acrylamide/Ethyltrimonium Chloride Acrylate/Ethalkonium Chloride Acrylate Copolymer...	IJT 31(Suppl. 3):296-341, 2012
Acrylamide/Sodium Acryloyldimethyltaurate Copolymer	S		Final Report 4/2017 Available from CIR
Acrylamide/Sodium Acryloyldimethyltaurate/Acrylic Acid Copolymer	S		Final Report 4/2017 Available from CIR
Acrylamidopropyltrimonium Chloride/Acrylamide Copolymer	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Acrylamidopropyltrimonium Chloride/Acrylamide Copolymer...	IJT 31(Suppl. 3):296-341, 2012
Acrylamidopropyltrimonium Chloride/Acrylates Copolymer	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Acrylamidopropyltrimonium Chloride/Acrylates Copolymer...	IJT 31(Suppl. 3):296-341, 2012
Acrylates Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates Copolymer...	Final Report 12/2018 Available from CIR
Acrylates Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates Crosspolymer...	Final Report 12/2018 Available from CIR
Acrylates Crosspolymer-3	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates Crosspolymer-3...	Final Report 12/2018 Available from CIR
Acrylates Crosspolymer-4	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates Crosspolymer-4...	Final Report 12/2018 Available from CIR
Acrylates Crosspolymer-5	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates Crosspolymer-5...	Final Report 12/2018 Available from CIR
Acrylates/Ammonium Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/Ammonium Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Acrylates/Beheneth-25 Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/Beheneth-25 Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Acrylates/Beheneth-25 Methacrylate/Steareth-30 Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/Beheneth-25 Methacrylate/Steareth-30 Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Acrylates/Bis-Hydroxypropyl Dimethicone Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
Acrylates/C10-30 Alkyl Acrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/C10-30 Alkyl Acrylate Crosspolymer...	Final Report 12/2018 Available from CIR
Acrylates/C10-30 Alkyl Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/C10-30 Alkyl Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Acrylates/C12-13 Alkyl Methacrylates/Methoxyethyl Acrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the cross-linked alkyl acrylates are safe in the present practices of use and concentration described in this safety assessment, except when they are polymerized in benzene. Acrylates/C10-30 alkyl acrylate cross polymer may be polymerized in benzene, and the available data is insufficient to make a determination of safety for this cross-linked alkyl acrylate when it is polymerized in benzene.	IJT 36(Suppl 2):59-88, 2017;Final Report 12/2018 Available from CIR
Acrylates/C12-22 Alkyl Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/C12-22 Alkyl Methacrylate Copolymer...	Final Report 12/2018 Available from CIR

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Acrylates/C26-28 Olefin Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/C26-28 Olefin Copolymer...	Final Report 12/2018 Available from CIR
Acrylates/C5-8 Alkyl Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/C5-8 Alkyl Acrylate Copolymer...	Final Report 12/2018 Available from CIR
Acrylates/Ceteareth-20 Methacrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/Ceteareth-20 Methacrylate Crosspolymer...	Final Report 12/2018 Available from CIR
Acrylates/Ceteareth-20 Methacrylate Crosspolymer-2	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/Ceteareth-20 Methacrylate Crosspolymer-2...	Final Report 12/2018 Available from CIR
Acrylates/Ceteth-20 Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/Ceteth-20 Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Acrylates/Dimethiconol Acrylate Copolymer	S		IT 36(Suppl. 3):31-50, 2017
Acrylates/Ethylhexyl Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/Ethylhexyl Acrylate Copolymer...	Final Report 12/2018 Available from CIR
Acrylates/Ethylhexyl Acrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/Ethylhexyl Acrylate Crosspolymer...	Final Report 12/2018 Available from CIR
Acrylates/Ethylhexyl Acrylate/Glycidyl Methacrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the cross-linked alkyl acrylates are safe in the present practices of use and concentration described in this safety assessment, except when they are polymerized in benzene. Acrylates/C10-30 alkyl acrylate cross polymer may be polymerized in benzene, and the available data is insufficient to make a determination of safety for this cross-linked alkyl acrylate when it is polymerized in benzene.	IT 36(Suppl 2):59-88, 2017;Final Report 12/2018 Available from CIR
Acrylates/Ethylhexyl Acrylate/Styrene Copolymer	S		Final Report 9/2014 Available from CIR
Acrylates/Hydroxyesters Acrylates Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating ... Acrylates/Hydroxyesters Acrylates Copolymer ...	IT 21(Suppl. 3):1-50, 2002;Final Report 12/2018 Available from CIR
Acrylates/Hydroxyethyl Acrylate/Lauryl Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/Hydroxyethyl Acrylate/Lauryl Acrylate Copolymer...	Final Report 12/2018 Available from CIR
Acrylates/Hydroxyethyl Acrylate/Methoxyethyl Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/Hydroxyethyl Acrylate/Methoxyethyl Acrylate Copolymer...	Final Report 12/2018 Available from CIR
Acrylates/Laureth-25 Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/Laureth-25 Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Acrylates/Lauryl Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/Lauryl Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Acrylates/Lauryl Methacrylate/Tridecyl Methacrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/Lauryl Methacrylate/Tridecyl Methacrylate Crosspolymer...	Final Report 12/2018 Available from CIR
Acrylates/Methoxy PEG-15 Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/Methoxy PEG-15 Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Acrylates/Methoxy PEG-23 Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/Methoxy PEG-23 Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Acrylates/Methoxy PEG-23 Methacrylate/Perfluorooctyl Ethyl Acrylate Copolymer	Z	The CIR Expert Panel concluded that the following two fluoropolymers are safe in cosmetics in the present practices of use and concentration described in this safety assessment.Fluoropolymers PTFE Hexafluoropropylene/Tetrafluoroethylene Copolymer*.	Final Report 10/2018 available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Acrylates/Methoxy PEG-4 Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/Methoxy PEG-4 Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Acrylates/Methoxy PEG-90 Methacrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/Methoxy PEG-90 Methacrylate Crosspolymer...	Final Report 12/2018 Available from CIR
Acrylates/PEG-4 Dimethacrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/PEG-4 Dimethacrylate Crosspolymer...	Final Report 12/2018 Available from CIR
Acrylates/PVP Copolymer	S		IJT 21(Suppl. 3):1-50, 2002;Final Report 12/2018 Available from CIR
Acrylates/Palmeth-25 Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/Palmeth-25 Acrylate Copolymer...	Final Report 12/2018 Available from CIR
Acrylates/Perfluorohexylethyl Methacrylate Copolymer	Z	The CIR Expert Panel concluded that the following two fluoropolymers are safe in cosmetics in the present practices of use and concentration described in this safety assessment.Fluoropolymers PTFE Hexafluoropropylene/Tetrafluoroethylene Copolymer*.	Final Report 10/2018 available from CIR
Acrylates/Steareth-20 Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/Steareth-20 Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Acrylates/Steareth-20 Methacrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/Steareth-20 Methacrylate Crosspolymer...	Final Report 12/2018 Available from CIR
Acrylates/Steareth-30 Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/Steareth-30 Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Acrylates/Steareth-50 Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/Steareth-50 Acrylate Copolymer ...	IJT 21(Suppl. 3):1-50, 2002;Final Report 12/2018 Available from CIR
Acrylates/Stearyl Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/Stearyl Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Acrylates/Stearyl Methacrylate/VP Copolymer	S		Final Report 12/2018 Available from CIR
Acrylates/VA Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/VA Copolymer...	Final Report 12/2018 Available from CIR
Acrylates/VA Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/VA Crosspolymer...	Final Report 12/2018 Available from CIR
Acrylates/VP Copolymer	S		Final Report 12/2018 Available from CIR
Acrylates/Vinyl Isodecanoate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/Vinyl Isodecanoate Crosspolymer...	Final Report 12/2018 Available from CIR
Acrylates/Vinyl Neodecanoate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylates/Vinyl Neodecanoate Crosspolymer...	Final Report 12/2018 Available from CIR
Acrylic Acid/C12-22 Alkyl Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylic Acid/C12-22 Alkyl Acrylate Copolymer...	Final Report 12/2018 Available from CIR
Acrylic Acid/Stearyl Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Acrylic Acid/Stearyl Acrylate Copolymer...	Final Report 12/2018 Available from CIR
Acrylic Acid/VP Crosspolymer	S		Final Report 12/2018 Available from CIR
Acryloyloxypropyl Polysilsesquioxane	S		Final Report 12/2017 Available from CIR
Actinidia Chinensis (Kiwi) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Adansonia Digitata Oil	S		IJT 36(Suppl. 3):51-129, 2017
Adansonia Digitata Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017

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Ingredient	Finding†	Conclusion	Citation#
Adansonia Digitata Seed Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Adansonia Digitata Seed Oil PEG-8 Esters...	IT 33(Suppl 4):13-39, 2014
Adansonia Digitata Seed Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Adansonia Digitata Seed Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Adipic Acid	S		IT 31(Suppl 1):5-76, 2012
Adipic Acid Dihydrazide	Z	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Adipic Acid Dihydrazide as used in cosmetic products.	JACT 13(3):154-156, 1994
Adipic Acid/1,4-Butanediol/Terephthalate Copolymer	S		IT 33(Suppl. 3):36-47, 2014
Adipic Acid/CHD/MA/Neopentyl Glycol/Trimellitic Anhydride Copolymer	Z	The CIR Expert Panel also concluded that the available data are insufficient to make a determination that the following four trimellitic anhydride copolymers are safe under the intended conditions of use in cosmetic formulations...Adipic Acid/CHD/MA/Neopentyl Glycol/Trimellitic Anhydride Copolymer	IT 39(S3):74-92,2020
Adipic Acid/Neopentyl Glycol/Trimellitic Anhydride Copolymer	SQ	The CIR Expert Panel concluded that Adipic Acid/Neopentyl Glycol/Trimellitic Anhydride Copolymer ... is safe in nail product formulations in the present practices of use and concentration described in this safety assessment; the data are insufficient to make a determination of safety on the use of these ingredients in all other types of cosmetic formulations.	IT 39(S3):74-92,2020
Agar	S		Final Report 9/2015 Available from CIR
Agarose	S		Final Report 9/2015 Available from CIR
Agarum Cribrosum Extract	S		Final Report 09/2019 Available from CIR
Alanine	S		IT 32(Suppl. 4):41-64, 2013
Alaria Esculenta Extract	S		Final Report 09/2019 Available from CIR
Alcaligenes Polysaccharides	S		IT 35(Suppl. 1):5-49, 2016
Alcohol Denat.	UNS	The CIR Expert Panel concluded that Alcohol Denat.... denatured with t-Butyl Alcohol, Denatonium Benzoate, Diethyl Phthalate, or Methyl Alcohol are safe in the practices of use and concentration as described in this safety assessment, and, that Denatonium Benzoate is safe as a denaturant. The CIR Expert Panel concluded that the available data are insufficient to support the safety of Alcohol Denat.... denatured with Quassin, Brucine, and Brucine Sulfate in cosmetic products, and that the available data are insufficient to support the safety of Quassin, Brucine, and Brucine Sulfate as denaturants.	IT 27(Suppl. 1):1-43, 2008
Aldioxa	UNS	The safety of Aldioxa has not been documented and substantiated. The CIR Expert Panel cannot conclude that this ingredient is safe for use in cosmetic products until the appropriate safety data have been obtained and reevaluated.	JACT 12(3):237-242, 1993
Aleurites Moluccana Seed Oil	S		IT 36(Suppl. 3):51-129, 2017
Aleurites Moluccanus Bakoly Seed Oil	S		IT 36(Suppl. 3):51-129, 2017
Aleurites Moluccanus Seed Oil	S		IT 36(Suppl. 3):51-129, 2017
Algae Exopolysaccharides	S		Final Report 9/2015 Available from CIR
Algin	S		Final Report 9/2015 Available from CIR
Alginic Acid	S		Final Report 9/2015 Available from CIR
Allantoin	S		IT 29(Suppl. 2):84-97, 2010
Allantoin Ascorbate	S		IT 29(Suppl. 2):84-97, 2010
Allantoin Biotin	S		IT 29(Suppl. 2):84-97, 2010
Allantoin Galacturonic Acid	S		IT 29(Suppl. 2):84-97, 2010
Allantoin Glycyrrhethinic Acid	S		IT 29(Suppl. 2):84-97, 2010
Allantoin Panthenol	S		IT 29(Suppl. 2):84-97, 2010
Allantoin Polygalacturonic Acid	S		IT 29(Suppl. 2):84-97, 2010
Allyl Methacrylate/Glycol Dimethacrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the cross-linked alkyl acrylates are safe in the present practices of use and concentration described in this safety assessment, except when they are polymerized in benzene. Acrylates/C10-30 alkyl acrylate cross polymer may be polymerized in benzene, and the available data is insufficient to make a determination of safety for this cross-linked alkyl acrylate when it is polymerized in benzene.	Final Report 12/2018 Available from CIR
Allyl Methacrylate/Glycol Dimethacrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Allyl Methacrylate/Glycol Dimethacrylate Crosspolymer...	Final Report 12/2018 Available from CIR
Allyl Methacrylates Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Allyl Methacrylates Crosspolymer...	Final Report 12/2018 Available from CIR
Almond Meal	S		JACT 2(5):85-99, 1983; IT 24(Suppl. 1):1-102, 2005
Almond Oil PEG-6 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Almond Oil PEG 6 Esters...	IT 33(Suppl 4):13-39, 2014

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Ingredient	Finding†	Conclusion	Citation‡
Almond Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Almond Oil PEG 8 Esters...	IJT 33(Suppl 4):13-39, 2014
Almond Oil Propylene Glycol Esters	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Almond Oil Propylene Glycol Esters....	Final Report 12/2014 Available from CIR
Almond Oil/Polyglyceryl-10 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Almond Oil/Polyglyceryl-10 Esters...	Final Report 9/2016 Available from CIR
Almondamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Almondamide DEA...	IJT 32(Suppl. 1):36-58, 2013
Almondamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Almondamidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Almondamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Almondamidopropyl Dimethylamine...	IJT 38(S1):39-69,2019
Aloe Andongensis Extract	Z	The CIR Expert Panel concluded that Aloe Barbadensis Flower Extract, Aloe Barbadensis Leaf, Aloe Barbadensis Leaf Extract, Aloe Barbadensis Leaf Juice, Aloe Barbadensis Polysaccharides, and Aloe Barbadensis Leaf Water are safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment, if anthraquinone levels in the ingredients do not exceed 50 ppm. The available data are insufficient to support the safety of Aloe Andongensis Extract, Aloe Andongensis Leaf Juice, Aloe Arborescens Leaf Extract, Aloe Arborescens Leaf Juice, Aloe Ferox Leaf Extract, Aloe Ferox Leaf Juice, or Aloe Ferox Leaf Juice Extract in cosmetic products.	IJT 26(Suppl. 2):1-50, 2007
Aloe Andongensis Leaf Extract	Z	The CIR Expert Panel concluded that Aloe Barbadensis Flower Extract, Aloe Barbadensis Leaf, Aloe Barbadensis Leaf Extract, Aloe Barbadensis Leaf Juice, Aloe Barbadensis Polysaccharides, and Aloe Barbadensis Leaf Water are safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment, if anthraquinone levels in the ingredients do not exceed 50 ppm. The available data are insufficient to support the safety of Aloe Andongensis Extract, Aloe Andongensis Leaf Juice, Aloe Arborescens Leaf Extract, Aloe Arborescens Leaf Juice, Aloe Ferox Leaf Extract, Aloe Ferox Leaf Juice, or Aloe Ferox Leaf Juice Extract in cosmetic products.	IJT 26(Suppl. 2):1-50, 2007
Aloe Andongensis Leaf Juice	Z	The CIR Expert Panel concluded that Aloe Barbadensis Flower Extract, Aloe Barbadensis Leaf, Aloe Barbadensis Leaf Extract, Aloe Barbadensis Leaf Juice, Aloe Barbadensis Polysaccharides, and Aloe Barbadensis Leaf Water are safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment, if anthraquinone levels in the ingredients do not exceed 50 ppm. The available data are insufficient to support the safety of Aloe Andongensis Extract, Aloe Andongensis Leaf Juice, Aloe Arborescens Leaf Extract, Aloe Arborescens Leaf Juice, Aloe Ferox Leaf Extract, Aloe Ferox Leaf Juice, or Aloe Ferox Leaf Juice Extract in cosmetic products.	IJT 26(Suppl. 2):1-50, 2007
Aloe Arborescens Leaf Extract	UNS	The CIR Expert Panel concluded that Aloe Barbadensis Flower Extract, Aloe Barbadensis Leaf, Aloe Barbadensis Leaf Extract, Aloe Barbadensis Leaf Juice, Aloe Barbadensis Polysaccharides, and Aloe Barbadensis Leaf Water are safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment, if anthraquinone levels in the ingredients do not exceed 50 ppm. The available data are insufficient to support the safety of Aloe Andongensis Extract, Aloe Andongensis Leaf Juice, Aloe Arborescens Leaf Extract, Aloe Arborescens Leaf Juice, Aloe Ferox Leaf Extract, Aloe Ferox Leaf Juice, or Aloe Ferox Leaf Juice Extract in cosmetic products.	IJT 26(Suppl. 2):1-50, 2007
Aloe Arborescens Leaf Juice	Z	The CIR Expert Panel concluded that Aloe Barbadensis Flower Extract, Aloe Barbadensis Leaf, Aloe Barbadensis Leaf Extract, Aloe Barbadensis Leaf Juice, Aloe Barbadensis Polysaccharides, and Aloe Barbadensis Leaf Water are safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment, if anthraquinone levels in the ingredients do not exceed 50 ppm. The available data are insufficient to support the safety of Aloe Andongensis Extract, Aloe Andongensis Leaf Juice, Aloe Arborescens Leaf Extract, Aloe Arborescens Leaf Juice, Aloe Ferox Leaf Extract, Aloe Ferox Leaf Juice, or Aloe Ferox Leaf Juice Extract in cosmetic products.	IJT 26(Suppl. 2):1-50, 2007
Aloe Arborescens Leaf Protoplasts	UNS	The CIR Expert Panel concluded that Aloe Barbadensis Flower Extract, Aloe Barbadensis Leaf, Aloe Barbadensis Leaf Extract, Aloe Barbadensis Leaf Juice, Aloe Barbadensis Polysaccharides, and Aloe Barbadensis Leaf Water are safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment, if anthraquinone levels in the ingredients do not exceed 50 ppm. The available data are insufficient to support the safety of Aloe Andongensis Extract, Aloe Andongensis Leaf Juice, Aloe Arborescens Leaf Extract, Aloe Arborescens Leaf Juice, Aloe Ferox Leaf Extract, Aloe Ferox Leaf Juice, or Aloe Ferox Leaf Juice Extract in cosmetic products.	IJT 26(Suppl. 2):1-50, 2007

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Ingredient	Finding†	Conclusion	Citation‡
Aloe Ferox Leaf Juice Extract	Z	The CIR Expert Panel concluded that Aloe Barbadosis Flower Extract, Aloe Barbadosis Leaf, Aloe Barbadosis Leaf Extract, Aloe Barbadosis Leaf Juice, Aloe Barbadosis Polysaccharides, and Aloe Barbadosis Leaf Water are safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment, if anthraquinone levels in the ingredients do not exceed 50 ppm. The available data are insufficient to support the safety of Aloe Andongensis Extract, Aloe Andongensis Leaf Juice, Aloe Arborescens Leaf Extract, Aloe Arborescens Leaf Juice, Aloe Ferox Leaf Extract, Aloe Ferox Leaf Juice, or Aloe Ferox Leaf Juice Extract in cosmetic products.	IJT 26(Suppl. 2):1-50, 2007
Alumina	S		IJT 35(Suppl. 3):16-33, 2016
Alumina Magnesium Metasilicate	S		Final Report 9/2009 Available from CIR
Aluminum Silicate	S		IJT 22(Suppl. 1):37-102, 2003
Aluminum Calcium Sodium Silicate	S		Final Report 9/2009 Available from CIR
Aluminum Citrate	S		IJT 33(Suppl.2):16-46, 2014
Aluminum Dilinoleate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Aluminum Dilinoleate...	Final Report 04/2019 Available from CIR
Aluminum Dimyristate	S		IJT 29(Suppl. 3):162-186,2010
Aluminum Distearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Aluminum Distearate...	Final Report 04/2019 Available from CIR
Aluminum Hydroxide	S		IJT 35(Suppl. 3):16-33, 2016
Aluminum Iron Silicates	S		Final Report 9/2009 Available from CIR
Aluminum Isostearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Aluminum Isostearate...	Final Report 04/2019 Available from CIR
Aluminum Isostearates/Laurates/Palmitates	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Aluminum Isostearates/Laurates/Palmitates...	Final Report 04/2019 Available from CIR
Aluminum Isostearates/Laurates/Stearates	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Aluminum Isostearates/Laurates/Stearates...	Final Report 04/2019 Available from CIR
Aluminum Isostearates/Myristates	S		IJT 29(Suppl. 3):162-186,2010
Aluminum Isostearates/Palmitates	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Aluminum Isostearates/Palmitates...	Final Report 04/2019 Available from CIR
Aluminum Isostearates/Stearates	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Aluminum Isostearates/Stearates....	Final Report 04/2019 Available from CIR
Aluminum Lanolate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Aluminum Lanolate...	Final Report 04/2019 Available from CIR
Aluminum Myristate	S		IJT 29(Suppl. 3):162-186,2010
Aluminum Myristates/Palmitates	S		IJT 29(Suppl. 3):162-186,2010
Aluminum Starch Octenylsuccinate	SQ	Based on the available data, the CIR Expert Panel concludes that Aluminum Starch Octenylsuccinate is safe as used in cosmetic formulations provided that established limitations imposed on heavy metal concentrations are not exceeded.	IJT 21(Suppl 1):1-7, 2002
Aluminum Stearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Aluminum Stearate...	Final Report 04/2019 Available from CIR
Aluminum Stearates	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Aluminum Stearates...	Final Report 04/2019 Available from CIR
Aluminum Tristearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Aluminum Tristearate...	Final Report 04/2019 Available from CIR
Amaranthus Hypochondriacus Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Amino Bispropyl Dimethicone	S		IJT 22(Suppl. 2):11-35, 2003
Aminoethyl Propanediol	S		Final Report 9/2013 Available from CIR
Aminomethyl Propanediol	S		JACT 9(2):203-228, 1990;IJT 28(Suppl. 2):141-161, 2009;Final Report 9/2013 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Aminomethyl Propanol	S		JACT 9(2):203-228, 1990; IJT 28(Suppl. 2):141-161, 2009
Aminomethylpropanediol	S		JACT 9(2):203-228, 1990; IJT 28(Suppl. 2):141-161, 2009; Final Report 9/2013 Available from CIR
Aminomethylpropanol	S		JACT 9(2):203-228, 1990; IJT 28(Suppl. 2):141-161, 2009
m-Aminophenol	S		JACT 7(3):279-333, 1988; IJT 27(Suppl. 1):77-142, 2008
o-Aminophenol	S		JACT 7(3):279-333, 1988; IJT 27(Suppl. 1):77-142, 2008
p-Aminophenol	S		JACT 7(3):279-333, 1988; IJT 27(Suppl. 1):77-142, 2008
Aminopropyl Dimethicone	S		IJT 22(Suppl. 2):11-35, 2003
Ammonia	SQ	The CIR Expert Panel concluded that Ammonia and Ammonium Hydroxide are safe as used in hair dyes and colors and safe in cosmetics applied directly to the skin in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating.	Final Report 12/2017 Available from CIR
Ammonium Acrylates Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Ammonium Acrylates Copolymer...	IJT 21(Suppl. 3):1-50, 2002; Final Report 12/2018 Available from CIR
Ammonium Acrylates/Ethylhexyl Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Ammonium Acrylates/Ethylhexyl Acrylate Copolymer...	Final Report 12/2018 Available from CIR
Ammonium Acrylates/Methyl Styrene/Styrene Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Ammonium Acrylates/Methyl Styrene/Styrene Copolymer...	Final Report 12/2018 Available from CIR
Ammonium Acryloyldimethyltaurate/Beheneth-25 Methacrylate Crosspolymer	S		Final Report 4/2017 Available from CIR
Ammonium Acryloyldimethyltaurate/Carboxyethyl Acrylate Crosspolymer	S		Final Report 4/2017 Available from CIR
Ammonium Acryloyldimethyltaurate/Laureth-7 Methacrylate Copolymer	S		Final Report 4/2017 Available from CIR
Ammonium Acryloyldimethyltaurate/Steareth-25 Methacrylate Crosspolymer	S		Final Report 4/2017 Available from CIR
Ammonium Acryloyldimethyltaurate/Steareth-8 Methacrylate Copolymer	S		Final Report 4/2017 Available from CIR
Ammonium Acryloyldimethyltaurate/VP Copolymer	S		Final Report 4/2017 Available from CIR
Ammonium Acryloyldimethyltaurate/Vinyl Formamide Copolymer	S		Final Report 4/2017 Available from CIR
Ammonium Alginate	S		Final Report 9/2015 Available from CIR
Ammonium Bicarbonate	SQ	The CIR Expert Panel concluded that the following 6 carbonate salts are safe in the present practices of use and concentration, as described in this safety assessment, when formulated to be non-irritating...Ammonium Bicarbonate...	Final Report 12/2016 Available from CIR
Ammonium Bisulfite	S		IJT 22(Suppl. 2):63-88, 2003
Ammonium C12-15 Pareth Sulfate	S		IJT 29(Suppl. 3) :151-161,2010
Ammonium Capryleth Sulfate	S		IJT 29(Suppl. 3) :151-161,2010
Ammonium Carbonate	SQ	The CIR Expert Panel concluded that the following 6 carbonate salts are safe in the present practices of use and concentration, as described in this safety assessment, when formulated to be non-irritating...Ammonium Carbonate...	Final Report 12/2016 Available from CIR
Ammonium Caseinate	S		Final Report 9/2017 Available from CIR
Ammonium Coco-Sulfate	S		IJT 29(Suppl. 2):115-132, 2010
Ammonium Cocomonoglyceride Sulfate	S		IJT 30(Suppl. 1):5-16, 2011
Ammonium Cocoyl Isethionate	SQ	The CIR Expert Panel concluded that the 12 isethionate salts listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be nonirritating...Ammonium Cocoyl Isethionate...	IJT 36(Suppl. 1):5-16, 2017
Ammonium Cocoyl Sarcosinate	SQ	The CIR Expert Panel concluded that the following ingredients are safe as used in cosmetics when formulated to be non-irritating. The Expert Panel cautions that these ingredients should not be used in cosmetic products in which N-nitroso compounds can be found...Ammonium Cocoyl Sarcosinate...	IJT 20(S1):1-14, 2001; Final Report 9/2016 Available from CIR
Ammonium Cumenesulfonate	SQ	Ammonium Cumenesulfonate ... safe as cosmetic ingredient in the present practice of use and concentration as described in this safety assessment, when formulated to be nonirritating	IJT 30(Suppl. 3):270-283, 2011
Ammonium Dinonyl Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following 8 dialkyl sulfosuccinate salts are safe in the present practices of use and concentration in cosmetics in this safety assessment when formulated to be non-irritating...Ammonium Dinonyl Sulfosuccinate...	IJT 35(Suppl. 3):34-46, 2016
Ammonium Dodecylbenzenesulfonate	SQ	Salts of alkylbenzene sulfonates, including ammonium dodecylbenzenesulfonate, calcium dodecylbenzenesulfonate, DEA-dodecylbenzenesulfonate, isopropylamine dodecylbenzenesulfonate, magnesium isodecylbenzenesulfonate, MIPA-dodecylbenzenesulfonate, potassium dodecylbenzenesulfonate, sodium decylbenzenesulfonate, SDBS, sodium tridecylbenzenesulfonate, TEA-DDBS, and TEA-tridecylbenzenesulfonate, are safe as cosmetic ingredients in the practices of use given in this safety assessment when formulated to be nonirritating.	IJT 29(Suppl. 4):288-305, 2010

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Ingredient	Finding†	Conclusion	Citation‡
Ammonium Glycolate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Ammonium Glycolate...	UT 17(S1):1-241, 1998; UT 36(Suppl 2):14-58, 2017
Ammonium Glycyrrhizate	S		IJT 26(Suppl. 2):79-112, 2007
Ammonium Hydrolyzed Collagen	S		Final Report 9/2017 Available from CIR
Ammonium Hydroxide	SQ	The CIR Expert Panel concluded that Ammonia and Ammonium Hydroxide are safe as used in hair dyes and colors and safe in cosmetics applied directly to the skin in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating.	Final Report 12/2017 Available from CIR
Ammonium Isostearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Ammonium Isostearate...	Final Report 04/2019 Available from CIR
Ammonium Lactate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Ammonium Lactate...	UT 17(S1):1-241, 1998; UT 36(Suppl 2):14-58, 2017
Ammonium Laureth Sulfate	S		UT 29(Suppl. 3) :151-161,2010; UT 24(Suppl. 1):1-102, 2005; JACT 2(5):1-34, 1983
Ammonium Lauroyl Sarcosinate	SQ	The CIR Expert Panel concluded that the following ingredients are safe as used in cosmetics when formulated to be non-irritating. The Expert Panel cautions that these ingredients should not be used in cosmetic products in which N-nitroso compounds can be found...Ammonium Lauroyl Sarcosinate...	UT 20(S1):1-14, 2001;Final Report 9/2016 Available from CIR
Ammonium Lauryl Sulfate	SQ	Sodium Lauryl Sulfate and Ammonium Lauryl Sulfate appear to be safe in formulations designed for discontinuous, brief use followed by thorough rinsing from the surface of the skin. In products intended for prolonged contact with skin, concentrations should not exceed 1%.	JACT 2(7):127-181, 1983; UT 24(Suppl. 1):1-102, 2005
Ammonium Myreth Sulfate	S		IJT 29(Suppl. 3) :151-161,2010
Ammonium Myristyl Sulfate	S		UT 29(Suppl. 2):115-132, 2010
Ammonium Oleate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Ammonium Oleate...	Final Report 04/2019 Available from CIR
Ammonium Persulfate	SQ; I	The CIR Expert Panel concluded that Ammonium, Potassium, and Sodium Persulfate are safe as used as oxidizing agents in hair colorants and hair lighteners designed for brief discontinuous use followed by thorough rinsing from the hair and skin. The Panel also concluded that the available data are insufficient for determining the safety of these persulfates in leave-on products and dentifrices.	UT 20(suppl 3):7-21, 2001;Final Report 12/2017 Available from CIR
Ammonium Phosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Ammonium Phosphate...	Final Report 9/2016 Available from CIR
Ammonium Phosphatidyl Rapeseedate	S		IJT 39(S2):5-25,2020
Ammonium Polyacrylate	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Ammonium Polyacrylate...	Final Report 12/2018 Available from CIR
Ammonium Polyacryloyldimethyl Taurate	S		Final Report 4/2017 Available from CIR
Ammonium Stearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Ammonium Stearate...	Final Report 04/2019 Available from CIR
Ammonium Styrene/Acrylates Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Ammonium Styrene/Acrylates Copolymer...	Final Report 12/2018 Available from CIR
Ammonium Styrene/Acrylates/Ethylhexyl Acrylate/Lauryl Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Ammonium Styrene/Acrylates/Ethylhexyl Acrylate/Lauryl Acrylate Copolymer...	Final Report 12/2018 Available from CIR
Ammonium Sulfite	S		IJT 22(Suppl. 2):63-88, 2003

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Ingredient	Finding†	Conclusion	Citation‡
Ammonium Tallate	S		IJT 28(Suppl. 3):252-258, 2009
Ammonium Thioglycolate	SQ	Based on the available data, the CIR Expert Panel concluded that ... Ammonium Thioglycolate is safe for use in hair straighteners, permanent waves, tonics, dressings, and so forth, wave sets, other non-coloring hair products, and hair dyes and colors, as described in this safety assessment, at concentrations up to 1.2% (as Thioglycolic Acid). Hairdressers should avoid skin contact and minimize consumer skin exposure.	JACT 10(1):135-192, 1991; IJT 28(Suppl. 1):68-133, 2009
Ammonium VA/Acrylates Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Ammonium VA/Acrylates Copolymer...	Final Report 12/2018 Available from CIR
Ammonium Xylenesulfonate	SQ	Ammonium Xylenesulfonate ... safe as cosmetic ingredient in the present practice of use and concentration as described in this safety assessment, when formulated to be nonirritating	IJT 30(Suppl. 3):270-283, 2011
Amodimethicone	S		IJT 22(Suppl. 2):11-35, 2003
Amodimethicone Hydroxystearate	S		IJT 22(Suppl. 2):11-35, 2003
Amyl Acetate	S		JACT 7(6):703-719, 1988
Amyl Benzoate	S		IJT 31(Suppl.3):342-372, 2012
Amyl Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)..Amyl Salicylate...	Final Report 04/2019 Available from CIR
Amylodextrin	S		Final Report 9/2015 Available from CIR
Amylopectin	S		Final Report 9/2015 Available from CIR
Amylose	S		Final Report 9/2015 Available from CIR
Anacardium Occidentale (Cashew) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Anthemis Nobilis Flower Extract	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe the present practices of use and concentration, described in this safety assessment, when formulated to be non-sensitizing...Anthemis Nobilis Flower Extract...	IJT 36(Suppl. 1):57-66, 2017
Anthemis Nobilis Flower Oil	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe the present practices of use and concentration, described in this safety assessment, when formulated to be non-sensitizing...Anthemis Nobilis Flower Oil...	IJT 36(Suppl. 1):57-66, 2017
Anthemis Nobilis Flower Powder	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe the present practices of use and concentration, described in this safety assessment, when formulated to be non-sensitizing...Anthemis Nobilis Flower Powder...	IJT 36(Suppl. 1):57-66, 2017
Anthemis Nobilis Flower Water	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe the present practices of use and concentration, described in this safety assessment, when formulated to be non-sensitizing...Anthemis Nobilis Flower Water...	IJT 36(Suppl. 1):57-66, 2017
Aphanothece Sacrum Polysaccharide	S		Final Report 9/2015 Available from CIR
Apricot Kernel Amino Acids	S		IJT 33(Suppl 4):5-12, 2014
Apricot Kernel Oil PEG-40 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Apricot Kernel Oil PEG-40 Esters...	IJT 33(Suppl 4):13-39, 2014
Apricot Kernel Oil PEG-6 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Apricot Kernel Oil PEG-6 Esters...	IJT 33(Suppl 4):13-39, 2014
Apricot Kernel Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Apricot Kernel Oil PEG-8 Esters...	IJT 33(Suppl 4):13-39, 2014
Apricot Kernel Oil Polyglyceryl-10 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Apricot Kernel Oil Polyglyceryl-10 Esters...	Final Report 9/2016 Available from CIR
Apricot Kernel Oil Polyglyceryl-3 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Apricot Kernel Oil Polyglyceryl-3 Esters...	Final Report 9/2016 Available from CIR
Apricot Kernel Oil Polyglyceryl-4 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Apricot Kernel Oil Polyglyceryl-4 Esters...	Final Report 9/2016 Available from CIR
Apricot Kernel Oil Polyglyceryl-5 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Apricot Kernel Oil Polyglyceryl-5 Esters...	Final Report 9/2016 Available from CIR
Apricot Kernel Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Apricot Kernel Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR

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Ingredient	Finding†	Conclusion	Citation#
Apricot Kernel Oil Propylene Glycol Esters	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Apricot Kernel Oil Propylene Glycol Esters...	Final Report 12/2014 Available from CIR
Apricotamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Apricotamide DEA...	UT 32(Suppl. 1):36-58, 2013
Apricotamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Apricotamidopropyl Betaine...	UT 31(Suppl. 1):77-111, 2012
Arabinosylian	S		Final Report 9/2015 Available from CIR
Arachideth-20	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Arachideth-20...	UT 31(Suppl. 2):169-244, 2012
Arachidic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Arachidic Acid...	Final Report 04/2019 Available from CIR
Arachidonic Acid	UNS	The safety of this ingredient has not been documented and substantiated for cosmetic product use. The CIR Expert Panel cannot conclude whether Arachidonic Acid is safe for use in cosmetic products until such time that the appropriate safety data have been obtained and evaluated.	JACT 12(5):481-506, 1993; JACT 12(5):507-559, 1993;
Arachidyl Behenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Arachidyl Erucate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Arachidyl Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...Arachidyl Glucoside...	UT 32(Suppl. 3):22-48, 2013
Arachidyl Glycol	S		UT 31(Suppl. 2):147-168, 2012
Arachidyl Propionate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	JACT 9(2):143-152, 1990; UT 27(Suppl. 1):77-142, 2008; UT 34(Suppl.2):5-69, 2015
Arachis Hypogaea (Peanut) Flour	Z	Based on the available data, the CIR Expert Panel concludes that Peanut (Arachis Hypogaea) Oil, Hydrogenated Peanut Oil, Peanut Acid, and Peanut Glycerides are safe for use in cosmetic formulations. The available data are insufficient to support the safety of Peanut (Arachis Hypogaea) Flour for use in cosmetic products.	UT 20(52):65-77, 2001
Arachis Hypogaea (Peanut) Oil	S		UT 20(52):65-77, 2001;UT 36(Suppl. 3):51-129, 2017
Arctium Lappa Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Argan Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Argan Oil PEG-8 Esters...	UT 33(Suppl 4):13-39, 2014
Argan Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Argan Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Argania Spinosa Kernel Oil	S		UT 36(Suppl. 3):51-129, 2017
Arginine	S		UT 32(Suppl. 4):41-64, 2013
Arginine HCl	S		UT 32(Suppl. 4):41-64, 2013
Arnica Montana	UNS	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Arnica Montana Extract and Arnica Montana for use in cosmetic products.	UT 20(52):1-11, 2001
Arnica Montana Flower Extract	UNS	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Arnica Montana Extract and Arnica Montana for use in cosmetic products.	UT 20(52):1-11, 2001
Ascohyllum Nodosum	S		Final Report 09/2019 Available from CIR
Ascohyllum Nodosum Extract	S		Final Report 09/2019 Available from CIR
Ascohyllum Nodosum Powder	S		Final Report 09/2019 Available from CIR
Ascorbyl Dipalmitate	S		UT 18(S3):1-26, 1999; Final Report 6/2017 Available from CIR
Ascorbyl Isostearate	S		Final Report 6/2017 Available from CIR
Ascorbyl Linoleate	S		Final Report 6/2017 Available from CIR
Ascorbyl Palmitate	S		UT 18(S3):1-26, 1999;Final Report 6/2017 Available from CIR
Ascorbyl Stearate	S		UT 18(S3):1-26, 1999; Final Report 6/2017 Available from CIR
Ascorbyl Tetraisopalmitate	S		Final Report 6/2017 Available from CIR
Ascorbyl Tocopheryl Acetate	S		Final Report 3/2014 Available from CIR
Ascorbyl Tocopheryl Maleate	S		Final Report 3/2014 Available from CIR
Asparagine	S		UT 32(Suppl. 4):41-64, 2013

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Ingredient	Finding†	Conclusion	Citation‡
Aspartic Acid	S		IIT 32(Suppl. 4):41-64, 2013
Astragalus Gummifer Gum	S		JACT 6(1):1-22, 1987;IIT 25(Suppl. 2) :1-89,2006;Final Report 9/2015 Available from CIR
Astrocaryum Murumuru Seed Butter	S		IIT 36(Suppl. 3):51-129, 2017
Astrocaryum Vulgare Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Astrocaryum Vulgare Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Atelocollagen	S		Final Report 9/2017 Available from CIR
Attapulgit	S		IIT 22(Suppl. 1):37-102, 2003
Avena Sativa (Oat) Bran	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract...Avena Sativa (Oat) Bran...	IIT 38(S3):23-47,2019
Avena Sativa (Oat) Bran Extract	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract...Avena Sativa (Oat) Bran Extract...	IIT 38(S3):23-47,2019
Avena Sativa (Oat) Flower/Leaf/Stem Juice	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract...Avena Sativa (Oat) Flower/Leaf/Stem Juice...	IIT 38(S3):23-47,2019
Avena Sativa (Oat) Kernel Extract	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract...Avena Sativa (Oat) Kernel Extract...	IIT 38(S3):23-47,2019
Avena Sativa (Oat) Kernel Flour	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract...Avena Sativa (Oat) Kernel Flour...	IIT 38(S3):23-47,2019
Avena Sativa (Oat) Kernel Meal	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract...Avena Sativa (Oat) Kernel Meal...	IIT 38(S3):23-47,2019
Avena Sativa (Oat) Kernel Oil	S		IIT 36(Suppl. 3):51-129, 2017
Avena Sativa (Oat) Kernel Protein	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract...Avena Sativa (Oat) Kernel Protein...	IIT 38(S3):23-47,2019
Avena Sativa (Oat) Leaf Extract	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract...Avena Sativa (Oat) Leaf Extract...	IIT 38(S3):23-47,2019
Avena Sativa (Oat) Leaf/Stalk Extract	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract...Avena Sativa (Oat) Leaf/Stalk Extract...	IIT 38(S3):23-47,2019
Avena Sativa (Oat) Leaf/Stem Extract	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract...Avena Sativa (Oat) Leaf/Stem Extract...	IIT 38(S3):23-47,2019

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Ingredient	Finding†	Conclusion	Citation#
Avena Sativa (Oat) Meal Extract	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract...Avena Sativa (Oat) Meal Extract...	IJT 38(S3):23-47,2019
Avena Sativa (Oat) Meristem Cell Extract	Z	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract.	IJT 38(S3):23-47,2019
Avena Sativa (Oat) Peptide	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract...Avena Sativa (Oat) Peptide...	IJT 38(S3):23-47,2019
Avena Sativa (Oat) Protein Extract	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract...Avena Sativa (Oat) Protein Extract...	IJT 38(S3):23-47,2019
Avena Sativa (Oat) Seed Extract	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract...Avena Sativa (Oat) Seed Extract...	IJT 38(S3):23-47,2019
Avena Sativa (Oat) Seed Water	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract...Avena Sativa (Oat) Seed Water...	IJT 38(S3):23-47,2019
Avena Sativa (Oat) Sprout Oil	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract...Avena Sativa (Oat) Sprout Oil...	IJT 38(S3):23-47,2019
Avena Sativa (Oat) Starch	S		Final Report 9/2015 Available from CIR
Avena Sativa (Oat) Straw Extract	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract...Avena Sativa (Oat) Straw Extract...	IJT 38(S3):23-47,2019
Avocamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Avocamide DEA...	IJT 32(Suppl. 1):36-58, 2013
Avocamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Avocamidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Avocamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Avocamidopropyl Dimethylamine...	IJT 38(S1):39-69,2019
Avocado Oil	S		JEPT 4(4):93-103, 1980;IJT 22(Suppl. 1):1-35, 2003;IJT 36(Suppl. 3):51-129, 2017
Avocado Oil PEG-11 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Avocado Oil PEG-11 Esters...	IJT 33(Suppl 4):13-39, 2014
Avocado Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Avocado Oil PEG-8 Esters...	IJT 33(Suppl 4):13-39, 2014

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Ingredient	Finding†	Conclusion	Citation‡
Avocado Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Avocado Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Avocado Oil Propylene Glycol Esters	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Avocado Oil Propylene Glycol Esters...	Final Report 12/2014 Available from CIR
Azelaic Acid	S		IJT 31(Suppl 1):5-76, 2012
Azelamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Azelamide MEA...	IJT 34(Suppl.1):18-34, 2015
Azulene	UNS	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Azulene for use in cosmetic products.	IJT 18(S3):27-32, 1999
BHA	S		JACT 3(5):83-146, 1984; IJT 25(Suppl. 2) :1-89,2006
BHT	S		IJT 21(Suppl.2):19-94, 2002
Babassu Acid	S		IJT 36(Suppl. 3):51-129, 2017
Babassu Oil Polyglyceryl-4 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Babassu Oil Polyglyceryl-4 Esters...	Final Report 9/2016 Available from CIR
Babassu Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Babassu Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Babassuamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Babassuamide DEA...	IJT 32(Suppl. 1):36-58, 2013
Babassuamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Babassuamide MEA...	IJT 34(Suppl.1):18-34, 2015
Babassuamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Babassuamidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Babassuamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Babassuamidopropyl Dimethylamine...	IJT 38(S1):39-69,2019
Barium Sulfate	SQ	The CIR Expert Panel concluded that barium sulfate is safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating.	Final Report 6/2014 Available from CIR
Basic Blue 99	S		IJT 26(Suppl. 2):51-63, 2007
Basic Red 76	S		Final Report 06/2019 Available from CIR
Basic Violet 1	Z	The CIR Expert Panel concluded that the data available on Basic Violet 1, Basic Violet 3, and Basic Violet 4 are insufficient to support the safety of these hair dye ingredients as used in cosmetic formulations.	IJT 28(Suppl. 3):193-204, 2009
Basic Violet 3	Z	The CIR Expert Panel concluded that the data available on Basic Violet 1, Basic Violet 3, and Basic Violet 4 are insufficient to support the safety of these hair dye ingredients as used in cosmetic formulations.	IJT 28(Suppl. 3):193-204, 2009
Basic Violet 4	Z	The CIR Expert Panel concluded that the data available on Basic Violet 1, Basic Violet 3, and Basic Violet 4 are insufficient to support the safety of these hair dye ingredients as used in cosmetic formulations.	IJT 28(Suppl. 3):193-204, 2009
Bassia Butyracea Seed Butter	S		IJT 36(Suppl. 3):51-129, 2017
Bassia Latifolia Seed Butter	S		IJT 36(Suppl. 3):51-129, 2017
Batyl Alcohol	S		IJT 32(Suppl. 3):5-21, 2013
Batyl Isostearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Batyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Beeswax	S		JACT 3(3):1-41, 1984; IJT 24(Suppl. 1):1-102, 2005
Beeswax Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Beeswax Acid...	Final Report 04/2019 Available from CIR

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Ingredient	Finding†	Conclusion	Citation#
Behenamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Behenamide DEA...	IJT 32(Suppl. 1):36-58, 2013
Behenamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Behenamide MEA...	IJT 34(Suppl.1):18-34, 2015
Behenamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Behenamidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Behenamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Behenamidopropyl Dimethylamine...	IJT 38(S1):39-69,2019
Beheneth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Beheneth-10...	IJT 31(Suppl. 2):169-244, 2012
Beheneth-15	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Beheneth-15...	IJT 31(Suppl. 2):169-244, 2012
Beheneth-2	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Beheneth-2...	IJT 31(Suppl. 2):169-244, 2012
Beheneth-20	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Beheneth-20...	IJT 31(Suppl. 2):169-244, 2012
Beheneth-25	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Beheneth-25...	IJT 31(Suppl. 2):169-244, 2012
Beheneth-30	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Beheneth-30...	IJT 31(Suppl. 2):169-244, 2012
Beheneth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Beheneth-5...	IJT 31(Suppl. 2):169-244, 2012
Behenic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Behenic Acid...	Final Report 04/2019 Available from CIR
Behenoxy Dimethicone	S		IJT 22(Suppl. 2):11-35, 2003;Final Report 12/2014 Available from CIR
Behenoxy PEG-10 Dimethicone	S		Final Report 12/2014 Available from CIR
Behentrimonium Chloride	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Behentrimonium Chloride...	IJT 31(Suppl. 3):296-341, 2012
Behentrimonium Methosulfate	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Behentrimonium Methosulfate...	IJT 31(Suppl. 3):296-341, 2012
Behenyl Alcohol	S		JACT 7(3):359-413, 1988; IJT 27(Suppl. 1):77-142, 2008
Behenyl Beeswax	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Behenyl Behenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Behenyl Benzoate	S		IJT 31(Suppl.3):342-372, 2012

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Ingredient	Finding†	Conclusion	Citation#
Behenyl Betaine	SQ	The CIR Expert Panel concluded that the eleven alkyl betaines listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Behenyl Betaine...	Final Report 3/2014 Available from CIR
Behenyl Dimethicone/Bis-Vinylmethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Behenyl Erucate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Behenyl Isostearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Behenyl Methacrylate/Perfluorooctylethyl Methacrylate Copolymer	Z	The CIR Expert Panel concluded that the following two fluoropolymers are safe in cosmetics in the present practices of use and concentration described in this safety assessment. Fluoropolymers PTFE Hexafluoropropylene/Tetrafluoroethylene Copolymer*.	Final Report 10/2018 available from CIR
Behenyl Methacrylate/t-Butyl Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Behenyl Methacrylate/t-Butyl Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Behenyl Olivat	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Behenyl/Isostearyl Beeswax	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Bentonite	S		UT 22(Suppl. 1):37-102, 2003
Benzaldehyde	S		UT 25(Suppl. 1):11-27, 2006
Benzalkonium Chloride	SQ	On the basis of the data presented in this report, the CIR Expert Panel concludes that Benzalkonium Chloride, at concentrations up to 0.1% free, active ingredient, is safe as a cosmetic ingredient as presently used. Note: In 2006, the CIR Expert Panel considered available new data on this ingredient and confirmed the above conclusion.	JACT 8(4):589-625, 1989; UT 27(Suppl. 1):77-142, 2008
Benzalkonium Montmorillonite	SQ	The CIR Expert Panel concluded that the alkonium clay ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Benzalkonium Montmorillonite...	Final Report 4/2016 Available from CIR
Benzalkonium Sepiolite	SQ	The CIR Expert Panel concluded that the alkonium clay ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Benzalkonium Sepiolite...	Final Report 4/2016 Available from CIR
Benzethonium Chloride	SQ	On the basis of the available animal and clinical data, the Expert Panel concludes that Benzethonium Chloride and Methylbenzethonium Chloride are safe at concentrations of 0.5 percent in cosmetics applied to the skin. A maximum concentration of 0.02 percent is safe for cosmetics used in the eye area. Note: FDA has prohibited the use of Methylene Chloride in cosmetic products, action which supercedes this CIR conclusion (21CFR700.19).	JACT 4(5):65-106, 1985; UT 25(Suppl. 2) :1-89,2006
Benzoic Acid	S		UT 20(suppl 3):23-50, 2001; UT 36(Suppl. 3):5-30, 2017
Benzophenone-1	S		JACT 2(5):35-77, 1983; UT 24(Suppl. 1):1-102, 2005
Benzophenone-11	S		JACT 2(5):35-77, 1983; UT 24(Suppl. 1):1-102, 2005
Benzophenone-2	S		JACT 2(5):79-84, 1983; UT 24(Suppl. 1):1-102, 2005
Benzophenone-3	S		JACT 2(5):35-77, 1983; UT 24(Suppl. 1):1-102, 2005
Benzophenone-4	S		JACT 2(5):35-77, 1983; UT 24(Suppl. 1):1-102, 2005
Benzophenone-5	S		JACT 2(5):35-77, 1983; UT 24(Suppl. 1):1-102, 2005
Benzophenone-6	S		JACT 2(5):79-84, 1983; UT 24(Suppl. 1):1-102, 2005
Benzophenone-8	S		JACT 2(5):35-77, 1983; UT 24(Suppl. 1):1-102, 2005
Benzophenone-9	S		JACT 2(5):35-77, 1983; UT 24(Suppl. 1):1-102, 2005
Benzoxiquine	Z	The safety of Benzoxiquine has not been documented and substantiated. The CIR Expert Panel cannot conclude that this ingredient is safe for use in cosmetic products until the appropriate safety data have been obtained and evaluated.	UT 16(S1):117-122, 1997
Benzyl Alcohol	S		UT 20(suppl 3):23-50, 2001; UT 36(Suppl. 3):5-30, 2017
Benzyl Benzoate	S		UT 36(Suppl. 3):5-30, 2017
Benzyl Salicylate	SQ	The CIR Expert Panel concluded that Benzyl Salicylate is safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA).	Final Report 04/2019 Available from CIR
Benzylparaben	I	The CIR Expert Panel also concluded that the available data are insufficient to support a conclusion of safety for Benzylparaben in cosmetics.	UT 39(S1):5-97,2020
Bertholletia Excelsa Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Bertholletia Excelsa Seed Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Bertholletia Excelsa Seed Oil PEG-8 Esters...	UT 33(Suppl 4):13-39, 2014

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Ingredient	Finding†	Conclusion	Citation‡
Bertholletia Excelsa Seed Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Bertholletia Excelsa Seed Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Beta-Glucan	S		IJT 35(Suppl. 1):5-49, 2016
Beta-Glucan Hydroxypropyltrimonium Chloride	S		IJT 35(Suppl. 1):5-49, 2016
Beta-Glucan Palmitate	S		IJT 35(Suppl. 1):5-49, 2016
Beta-Sitosterol	S		Final Report 12/2013 Available from CIR
Beta-Sitosteryl Acetate	S		Final Report 12/2013 Available from CIR
Betaine	SQ	The CIR Expert Panel concluded that the eleven alkyl betaines listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Betaine...	Final Report 3/2014 Available from CIR
Biosaccharide Gum-1	S		IJT 35(Suppl. 1):5-49, 2016
Biosaccharide Gum-2	S		IJT 35(Suppl. 1):5-49, 2016
Biosaccharide Gum-3	S		IJT 35(Suppl. 1):5-49, 2016
Biosaccharide Gum-4	S		IJT 35(Suppl. 1):5-49, 2016
Biosaccharide Gum-5	S		IJT 35(Suppl. 1):5-49, 2016
Biotin	S		IJT 20(suppl 4):1-12, 2001
Bis(Tripeptide-1) Copper Acetate	S		Final Report 06/10/2014 Available from CIR
Bis-C16-20 Isoalkoxy TMHDI/PEG-90 Copolymer	S		Final Report 06/2016 available from CIR
Bis-Cetyl/PEG-8 Cetyl PEG-8 Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-Diglyceryl Polyacyladipate-1	S		IJT 32(Suppl. 3):56-64, 2013
Bis-Diglyceryl Polyacyladipate-2	S		IJT 32(Suppl. 3):56-64, 2013
Bis-Hydroxyethoxypropyl Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-Hydroxyethyl Acrylate Poly(1,4-Butanediol)-9/TMHDI Copolymer	S		Final Report 06/2016 available from CIR
Bis-Isobutyl PEG-13/Dimethicone Copolymer	S		Final Report 12/2014 Available from CIR
Bis-Isobutyl PEG-24/PPG-7/Dimethicone Copolymer	S		Final Report 12/2014 Available from CIR
Bis-Isobutyl PEG/PPG-10/7/Dimethicone Copolymer	S		Final Report 12/2014 Available from CIR
Bis-Isostearyl 1,4-Butanediol/HDI/Hydrogenated Dimer Dilinoleyl Alcohol Copolymer	S		Final Report 06/2016 available from CIR
Bis-Isostearyl 1,4-Butanediol/HDI/Hydrogenated Dimer Dilinoleyl Alcohol Copolymer	S		Final Report 06/2016 available from CIR
Bis-Lauryl Cocaminopropylamine/HDI/PEG-100 Copolymer	S		Final Report 06/2016 available from CIR
Bis-Methoxy PEG-10 Dimethyl MEA/HDI/Bis-PEG-10 Dimethicone Copolymer	S		Final Report 06/2016 available from CIR
Bis-PEG-1 Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-PEG-10 Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-PEG-12 Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-PEG-12 Dimethicone Beeswax	S		Final Report 12/2014 Available from CIR
Bis-PEG-12 Dimethicone Candellillate	S		Final Report 12/2014 Available from CIR
Bis-PEG-15 Methyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-PEG-20 Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-PEG-4 Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-PEG-8 Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-PEG-8 PEG-8 Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-PEG/PPG-14/14 Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-PEG/PPG-15/5 Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-PEG/PPG-16/16 PEG/PPG-16/16 Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-PEG/PPG-18/6 Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-PEG/PPG-20/20 Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-PEG/PPG-20/5 PEG/PPG-20/5 Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-Phenylisopropyl Phenylisopropyl Dimethicone/Vinyl Dimethicone Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
Bis-Propylheptyl Carbonate	SQ	The CIR Expert Panel concluded that the following 6 dialkyl carbonates are safe in the present practices of use and concentration, as described in this safety assessment, when formulated to be non-irritating...Bis-Propylheptyl Carbonate...	Final Report 12/2016 Available from CIR
Bis-Stearoxy Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-Stearoxydimethylsilane	S		Final Report 12/2016 Available from CIR
Bis-Stearoxyethyl Dimethicone	S		Final Report 12/2014 Available from CIR
Bis-Vinyldimethicone Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
Bis-Vinyldimethicone/Bis-Isobutyl PPG-20 Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
Bis-Vinyldimethicone/PEG-10 Dimethicone Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
Bis-Vinyldimethicone/PPG-20 Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
Bisabolol	S		IJT 18(S3):33-40, 1999; IJT 36(Suppl 2):14-58, 2017
Borage Seed Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Borage Seed Oil PEG-8 Esters...	IJT 33(Suppl 4):13-39, 2014
Borage Seed Oil Polyglyceryl-4 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. Borage Seed Oil Polyglyceryl-4 Esters...	Final Report 9/2016 Available from CIR

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Borage Seed Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Borage Seed Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Borago Officinalis Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Boric Acid	SQ	The Expert Panel concludes that Sodium Borate and Boric Acid, in concentrations less than or equal to 5 percent, are safe as cosmetic ingredients when used as currently recommended; however, cosmetic formulations containing free Sodium Borate or Boric Acid at this concentration should not be used on infant skin or injured skin. Note: In 2003, the CIR Expert Panel considered available new data on these ingredients and reaffirmed the above conclusion.	JACT 2(7):87-125, 1983; IJT 25(Suppl. 2) :1-89,2006
Boron Nitride	S		IJT 34(Suppl.3):53-60, 2015
Brassica Campestris (Rapeseed) Oil Unsaponifiables	S		IJT 36(Suppl. 3):51-129, 2017
Brassica Campestris (Rapeseed) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Brassica Campestris (Rapeseed) Sterols	S		Final Report 12/2013 Available from CIR
Brassica Napus Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Brassica Oleracea Acephala Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Brassica Oleracea Italica (Broccoli) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Brassicamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Brassicamidopropyl Dimethylamine...	IJT 38(51):39-69,2019
Brucine	Z	The CIR Expert Panel concluded that the available data are insufficient to support the safety of Alcohol Denat., SD Alcohol 39, and SD Alcohol 40 denatured with Quassin, Brucine, and Brucine Sulfate in cosmetic products, and that the available data are insufficient to support the safety of Quassin, Brucine, and Brucine Sulfate as denaturants.	IJT 27(Suppl. 1):1-43, 2008
Brucine Sulfate	UNS	The CIR Expert Panel concluded that the available data are insufficient to support the safety of ... and Brucine Sulfate in cosmetic products, and that the available data are insufficient to support the safety of ... Brucine Sulfate as denaturants.	IJT 27(Suppl. 1):1-43, 2008
n-Butane	S		JACT 1(4):127-142, 1982; IJT 24(Suppl. 1):1-102, 2005
Butene/Propylene Copolymer	S		IJT 39(S2):59-90,2020
Buteth-3	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Buteth-3...	Final Report 4/2017 Available from CIR
Butoxyethanol	SQ	On the basis of the animal and clinical data included in this report, the Expert Panel concludes that Butoxyethanol is safe in hair and nail products at concentrations up to 10.0%. Note: In 2002, the CIR Expert Panel considered available new data on this ingredient and reaffirmed the above conclusion.	JACT 15(6):462-526, 1996; IJT 24(Suppl. 1):1-102, 2005
Butoxyethyl Acetate	S		IJT 31(Suppl. 1):112-136, 2012
Butyl Acetate	S		JACT 8(4):681-705, 1989; IJT 27(Suppl. 1):77-142, 2008
t-Butyl Acetate	S		IJT 31(Suppl. 1):112-136, 2012
Butyl Acrylate/Cyclohexyl Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Butyl Acrylate/Cyclohexyl Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Butyl Acrylate/Ethylhexyl Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Butyl Acrylate/Ethylhexyl Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Butyl Acrylate/Glycol Dimethacrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Butyl Acrylate/Glycol Dimethacrylate Crosspolymer...	Final Report 12/2018 Available from CIR
Butyl Acrylate/Hydroxyethyl Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Butyl Acrylate/Hydroxyethyl Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Butyl Acrylate/Styrene Copolymer	S		Final Report 9/2014 Available from CIR
n-Butyl Alcohol	S		JACT 6(3):403-424, 1987; IJT 27(Suppl. 2):53-69, 2008
t-Butyl Alcohol	S		JACT 8(4):627-641, 1989; IJT 24(Suppl. 2):1-20, 2005
Butyl Avocadate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Butyl Babassuate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Butyl Benzoate	S		IJT 31(Suppl.3):342-372, 2012

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Butyl Benzyl Phthalate	S		JACT 11(1):1-23, 1992; IUT 30(Suppl. 2):73-127, 2011; IUT 36(Suppl 2):14-58, 2017
Butyl Ester of PVM/MA Copolymer	S		JACT 12(3):243-256, 1993; IUT 30(Suppl. 2):128-144, 2011
Butyl Ethyl Propanediol	S		Final Report 06/2018 available from CIR
Butyl Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...Butyl Glucoside...	IUT 32(Suppl. 3):22-48, 2013
Butyl Glycolate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Butyl Glycolate...	IUT 17(S1):1-241, 1998; IUT 36(Suppl 2):14-58, 2017
t-Butyl Hydroquinone	SQ	On the basis of the data included in this report the CIR Expert Panel has concluded that t-Butyl Hydroquinone may be safely used as a cosmetic ingredient at concentrations not to exceed 0.1%	JACT 5(5):329-351, 1986; JACT 10(1):1-7, 1991; IUT 30(Suppl. 2):73-127, 2011
Butyl Isostearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 34(Suppl.2):5-69, 2015
Butyl Lactate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Butyl Lactate...	IUT 17(S1):1-241, 1998; IUT 36(Suppl 2):14-58, 2017
Butyl Methacrylate	SQ	Based on available data, the CIR Expert Panel concluded that ... Butyl Methacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IUT 24(Suppl 5):53-100, 2005
Butyl Methacrylate/Acryloyloxy PG Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Butyl Methacrylate/Acryloyloxy PG Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
t-Butyl Methacrylate	SQ	Based on available data, the CIR Expert Panel concluded that ... t-Butyl Methacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IUT 24(Suppl 5):53-100, 2005
Butyl Myristate	S		JACT 9(2):247-258, 1990; IUT 29(Suppl. 3):162-186,2010; IUT 34(Suppl.2):5-69, 2015
Butyl Oleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 34(Suppl.2):5-69, 2015
Butyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	JACT 4(5):107-146, 1985; IUT 24(Suppl. 1):1-102, 2005; IUT 34(Suppl.2):5-69, 2015
Butyl Thioglycolate	SQ	Based on the available data, the CIR Expert Panel concluded that ... Butyl Thioglycolate is safe for use in hair straighteners, permanent waves, tonics, dressings, and so forth, wave sets, other non-coloring hair products, and hair dyes and colors, as described in this safety assessment, at concentrations up to 1.2% (as Thioglycolic Acid). Hairdressers should avoid skin contact and minimize consumer skin exposure.	IUT 28(Suppl. 1):68-133, 2009
Butylated PVP	S		Final Report 12/2018 Available from CIR
Butyldimethicone Methacrylate/Methyl Methacrylate Crosspolymer	S		IUT 33(Suppl. 2):65-115, 2014
Butylene Glycol	S		JACT 4(5):223-248, 1985; IUT 25(Suppl. 2) :1-89,2006
Butylene Glycol Cocoate	S		IUT 30(Suppl. 1):5-16, 2011
Butylene Glycol Dicaprylate/Dicaprate	S		Final Report 9/2017 Available from CIR
Butylene Glycol Diisononanoate	S		IUT 30(Suppl. 3):228-269, 2011;Final Report 9/2017 Available from CIR
Butylene/Ethylene Copolymer	S		IUT 39(S2):59-90,2020
Butylene/Ethylene/Propylene Copolymer	S		IUT 39(S2):59-90,2020
Butylene/Ethylene/Styrene Copolymer	S		Final Report 9/2014 Available from CIR
Butyloctyl Beeswax	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 34(Suppl.2):5-69, 2015
Butyloctyl Behenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 34(Suppl.2):5-69, 2015

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Butyloctyl Benzoate	S		IJT 31(Suppl.3):342-372, 2012
Butyloctyl Candelillate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Butyloctyl Cetearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Butyloctyl Oleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Butyloctyl Palmitate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Butyloctyl Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA):...Butyloctyl Salicylate	IJT 22(Suppl.3):1-108, 2003; Final Report 4/2019 Available from CIR
Butylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...Butylparaben...	IJT 39(S1):5-97,2020
Butyrospermum Parkii (Shea) Butter	S		Final Report 9/2017 Available from CIR;IJT 36(Suppl. 3):51-129, 2017
Butyrospermum Parkii (Shea) Butter Extract	SQ	The CIR Expert Panel concluded that the following 13 ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Butyrospermum Parkii (Shea) Butter Extract...	Final Report 9/2017 Available from CIR
Butyrospermum Parkii (Shea) Butter Unsaponifiables	S		Final Report 9/2017 Available from CIR;IJT 36(Suppl. 3):51-129, 2017
Butyrospermum Parkii (Shea) Nut Extract	SQ	The CIR Expert Panel concluded that the following 13 ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Butyrospermum Parkii (Shea) Nut Extract...	Final Report 9/2017 Available from CIR
Butyrospermum Parkii (Shea) Nut Shell Powder	SQ	The CIR Expert Panel concluded that the following 13 ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Butyrospermum Parkii (Shea) Nut Shell Powder...	Final Report 9/2017 Available from CIR
Butyrospermum Parkii (Shea) Oil	S		Final Report 9/2017 Available from CIR;IJT 36(Suppl. 3):51-129, 2017
Butyrospermum Parkii (Shea) Seedcake Extract	SQ	The CIR Expert Panel concluded that the following 13 ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Butyrospermum Parkii (Shea) Seedcake Extract...	Final Report 9/2017 Available from CIR
C10-11 Isoparaffin	S		IJT 31(Suppl. 3):269-295, 2012
C10-12 Isoparaffin	S		IJT 31(Suppl. 3):269-295, 2012
C10-13 Isoparaffin	S		IJT 31(Suppl. 3):269-295, 2012
C10-16 Alkyl Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...C10-16 Alkyl Glucoside...	IJT 32(Suppl. 3):22-48, 2013
C10-16 Pareth-1	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C10-16 Pareth-1...	IJT 31(Suppl. 2):169-244, 2012
C10-16 Pareth-2	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C10-16 Pareth-2...	IJT 31(Suppl. 2):169-244, 2012
C10-18 Triglycerides	S		Final Report 12/2017 Available from CIR
C10-40 Isoalkyl Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...C10-40 Isoalkyl Acid...	Final Report 04/2019 Available from CIR
C10-40 Isoalkyl Acid Octyldodecanol Esters	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
C10-40 Isoalkyl Acid Phytosterol Esters	S		Final Report 12/2013 Available from CIR
C10-40 Isoalkyl Acid Triglyceride	S		Final Report 12/2017 Available from CIR
C11-12 Isoparaffin	S		IJT 31(Suppl. 3):269-295, 2012
C11-13 Isoparaffin	S		IJT 31(Suppl. 3):269-295, 2012

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C12-14 Sec-Pareth-8	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C12-14 Sec-Pareth-8...	IJT 31(Suppl. 2):169-244, 2012
C12-14 Sec-Pareth-9	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C12-14 Sec-Pareth-9...	IJT 31(Suppl. 2):169-244, 2012
C12-15 Alkyl Benzoate	S		IJT 31(Suppl.3):342-372, 2012
C12-15 Alkyl Ethylhexanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...C12-15 Alkyl Ethylhexanoate...	IJT 34(Suppl.3):61-73, 2015
C12-15 Alkyl Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...C12-15 Alkyl Salicylate...	Final Report 04/2019 Available from CIR
C12-15 Pareth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C12-15 Pareth-10...	IJT 31(Suppl. 2):169-244, 2012
C12-15 Pareth-11	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C12-15 Pareth-11...	IJT 31(Suppl. 2):169-244, 2012
C12-15 Pareth-12	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C12-15 Pareth-12...	IJT 31(Suppl. 2):169-244, 2012
C12-15 Pareth-2	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C12-15 Pareth-2...	IJT 31(Suppl. 2):169-244, 2012
C12-15 Pareth-3	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C12-15 Pareth-3...	IJT 31(Suppl. 2):169-244, 2012
C12-15 Pareth-4	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C12-15 Pareth-4...	IJT 31(Suppl. 2):169-244, 2012
C12-15 Pareth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C12-15 Pareth-5...	IJT 31(Suppl. 2):169-244, 2012
C12-15 Pareth-7	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C12-15 Pareth-7...	IJT 31(Suppl. 2):169-244, 2012
C12-15 Pareth-9	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C12-15 Pareth-9...	IJT 31(Suppl. 2):169-244, 2012
C12-16 Pareth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C12-16 Pareth-5...	IJT 31(Suppl. 2):169-244, 2012

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C12-16 Pareth-7	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C12-16 Pareth-7...	IJT 31(Suppl. 2):169-244, 2012
C12-16 Pareth-9	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C12-16 Pareth-9...	IJT 31(Suppl. 2):169-244, 2012
C12-18 Acid Triglyceride	S		Final Report 12/2017 Available from CIR
C12-18 Alkyl Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...C12-18 Alkyl Glucoside...	IJT 32(Suppl. 3):22-48, 2013
C12-20 Alkyl Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...C12-20 Alkyl Glucoside...	IJT 32(Suppl. 3):22-48, 2013
C12-20 Isoparaffin	S		IJT 31(Suppl. 3):269-295, 2012
C12-22 Alkyl Acrylate/Hydroxyethylacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...C12-22 Alkyl Acrylate/Hydroxyethylacrylate Copolymer...	Final Report 12/2018 Available from CIR
C13-14 Isoparaffin	S		IJT 31(Suppl. 3):269-295, 2012
C13-15 Pareth-21	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C13-15 Pareth-21...	IJT 31(Suppl. 2):169-244, 2012
C13-16 Isoparaffin	S		IJT 31(Suppl. 3):269-295, 2012
C14-15 Dialkyl Carbonate	SQ	The CIR Expert Panel concluded that the following 6 dialkyl carbonates are safe in the present practices of use and concentration, as described in this safety assessment, when formulated to be non-irritating...C14-15 Dialkyl Carbonate...	Final Report 12/2016 Available from CIR
C14-15 Pareth-11	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C14-15 Pareth-11...	IJT 31(Suppl. 2):169-244, 2012
C14-15 Pareth-12	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C14-15 Pareth-12...	IJT 31(Suppl. 2):169-244, 2012
C14-15 Pareth-13	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C14-15 Pareth-13...	IJT 31(Suppl. 2):169-244, 2012
C14-15 Pareth-4	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C14-15 Pareth-4...	IJT 31(Suppl. 2):169-244, 2012
C14-15 Pareth-7	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C14-15 Pareth-7...	IJT 31(Suppl. 2):169-244, 2012
C14-15 Pareth-8	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C14-15 Pareth-8...	IJT 31(Suppl. 2):169-244, 2012
C14-18 Alkyl Ethylhexanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...C14-18 Alkyl Ethylhexanoate...	IJT 34(Suppl.3):61-73, 2015
C14-18 Glycol	S		IJT 31(Suppl. 2):147-168, 2012
C14-28 Alkyl Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...C14-28 Alkyl Acid...	Final Report 04/2019 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
C14-28 Isoalkyl Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...C14-28 Isoalkyl Acid...	Final Report 04/2019 Available from CIR
C14-30 Alkyl Beeswax	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
C15-18 Glycol	S		IJT 31(Suppl. 2):147-168, 2012
C15-35 Isoparaffin/Isoalkylcycloalkanes	S		IJT 31(Suppl. 3):269-295, 2012
C16-17 Alkyl Benzoate	S		IJT 31(Suppl.3):342-372, 2012
C16-22 Acid Amide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...C16-22 Acid Amide MEA...	IJT 34(Suppl.1):18-34, 2015
C16-36 Alkyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
C18-22 Hydroxyalkyl Hydroxypropyl Guar	S		IJT 34(Suppl. 1):35-65, 2015
C18-30 Glycol	S		IJT 31(Suppl. 2):147-168, 2012
C18-36 Acid Triglyceride	S		Final Report 12/2017 Available from CIR
C18-38 Alkyl Beeswax	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
C18-38 Alkyl C24-54 Acid Ester	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
C18-70 Isoparaffin	S		IJT 31(Suppl. 3):269-295, 2012
C20-22 Alkyl Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...C20-22 Alkyl Glucoside...	IJT 32(Suppl. 3):22-48, 2013
C20-22 Alkyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...C20-22 Alkyl Phosphate....C20-22 Alkyl Phosphate...	IJT 38(52):12-32,2019
C20-22 Pareth-30	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C20-22 Pareth-30...	IJT 31(Suppl. 2):169-244, 2012
C20-30 Glycol	S		IJT 31(Suppl. 2):147-168, 2012
C20-40 Alkyl Behenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
C20-40 Alkyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
C20-40 Isoparaffin	S		IJT 31(Suppl. 3):269-295, 2012
C20-40 Pareth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C20-40 Pareth-10...	IJT 31(Suppl. 2):169-244, 2012
C20-40 Pareth-24	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C20-40 Pareth-24...	IJT 31(Suppl. 2):169-244, 2012
C20-40 Pareth-3	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C20-40 Pareth-3...	IJT 31(Suppl. 2):169-244, 2012
C20-40 Pareth-40	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C20-40 Pareth-40...	IJT 31(Suppl. 2):169-244, 2012

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C20-40 Pareth-95	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C20-40 Pareth-95...	IJT 31(Suppl. 2):169-244, 2012
C22-24 Pareth-33	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C22-24 Pareth-33...	IJT 31(Suppl. 2):169-244, 2012
C24-28 Alkyl Methicone	S		IJT 22(Suppl. 2):11-35, 2003
C26-28 Alkyldimethylsilyl Polypropylsilsequioxane	S		Final Report 12/2017 Available from CIR
C30-45 Alkyl Cetearyl Dimethicone Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
C30-45 Alkyl Dimethicone	S		IJT 22(Suppl. 2):11-35, 2003
C30-45 Alkyl Dimethicone/Polycyclohexene Oxide Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
C30-45 Alkyl Methicone	S		IJT 22(Suppl. 2):11-35, 2003
C30-45 Alkyldimethylsilyl Polypropylsilsequioxane	S		Final Report 12/2017 Available from CIR
C30-50 Alkyl Beeswax	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
C30-50 Alkyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
C30-50 Pareth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C30-50 Pareth-10...	IJT 31(Suppl. 2):169-244, 2012
C30-50 Pareth-3	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C30-50 Pareth-3...	IJT 31(Suppl. 2):169-244, 2012
C30-50 Pareth-40	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C30-50 Pareth-40...	IJT 31(Suppl. 2):169-244, 2012
C32-36 Isoalkyl Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...C32-36 Isoalkyl Acid...	Final Report 04/2019 Available from CIR
C32-36 Isoalkyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
C4-24 Alkyl Dimethicone/Divinyldimethicone Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
C4-5 Isoalkyl Cocoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
C4-6 Olefin/Styrene Copolymer	S		Final Report 9/2014 Available from CIR
C40-60 Alkyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
C40-60 Pareth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C40-60 Pareth-10...	IJT 31(Suppl. 2):169-244, 2012
C40-60 Pareth-3	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C40-60 Pareth-3...	IJT 31(Suppl. 2):169-244, 2012
C5-6 Olefin/Styrene Copolymer	S		Final Report 9/2014 Available from CIR
C6-14 Perfluoroalkylethyl Acrylate/HEMA Copolymer	Z	The CIR Expert Panel concluded that the following two fluoropolymers are safe in cosmetics in the present practices of use and concentration described in this safety assessment. Fluoropolymers PTFE Hexafluoropropylene/Tetrafluoroethylene Copolymer*.	Final Report 10/2018 available from CIR
C7-8 Isoparaffin	S		IJT 31(Suppl. 3):269-295, 2012

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Ingredient	Finding†	Conclusion	Citation#
C8-10 Alkyl Ethyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...C8-10 Alkyl Ethyl Phosphate...	IJT 38(S2):12-32,2019
C8-12 Acid Triglyceride	S		Final Amended Report 02/2018 Available from CIR
C8-22 Alkyl Acrylates/Methacrylic Acid Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...C8-22 Alkyl Acrylates/Methacrylic Acid Crosspolymer...	Final Report 12/2018 Available from CIR
C8-9 Isoparaffin	S		IJT 31(Suppl. 3):269-295, 2012
C9-11 Isoparaffin	S		IJT 31(Suppl. 3):269-295, 2012
C9-11 Pareth-3	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C9-11 Pareth-3...	IJT 31(Suppl. 2):169-244, 2012
C9-11 Pareth-4	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C9-11 Pareth-4...	IJT 31(Suppl. 2):169-244, 2012
C9-11 Pareth-6	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C9-11 Pareth-6...	IJT 31(Suppl. 2):169-244, 2012
C9-11 Pareth-8	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C9-11 Pareth-8...	IJT 31(Suppl. 2):169-244, 2012
C9-12 Isoparaffin	S		IJT 31(Suppl. 3):269-295, 2012
C9-13 Isoparaffin	S		IJT 31(Suppl. 3):269-295, 2012
C9-14 Isoparaffin	S		IJT 31(Suppl. 3):269-295, 2012
C9-15 Alkyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...C9-15 Alkyl Phosphate...	IJT 38(S2):12-32,2019
C9-15 Pareth-8	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...C9-15 Pareth-8...	IJT 31(Suppl. 2):169-244, 2012
C9-16 Isoparaffin	S		IJT 31(Suppl. 3):269-295, 2012
Caesalpinia Spinosa Gum	S		IJT 34(Suppl. 1):35-65, 2015
Caesalpinia Spinosa Hydroxypropyltrimonium Chloride	S		IJT 34(Suppl. 1):35-65, 2015
Caffeine	S		Final Report 12/2018 Available from CIR
Calcium Acetate	S		IJT 31(Suppl. 1):112-136, 2012
Calcium Alginate	S		Final Report 9/2015 Available from CIR
Calcium Aluminum Borosilicate	S		IJT 32(Suppl. 3):65-72, 2013
Calcium Ascorbate	S		IJT 24(Suppl. 2):51-111, 2005
Calcium Aspartate	S		IJT 32(Suppl. 4):41-64, 2013
Calcium Behenate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Calcium Behenate...	Final Report 04/2019 Available from CIR
Calcium Benzoate	S		IJT 36(Suppl. 3):5-30, 2017
Calcium Carbonate	SQ	The CIR Expert Panel concluded that the following 6 carbonate salts are safe in the present practices of use and concentration, as described in this safety assessment, when formulated to be non-irritating...Calcium Carbonate...	Final Report 12/2016 Available from CIR
Calcium Carboxymethyl Cellulose	S		Final Report 3/2009 Available from CIR
Calcium Carrageenan	S		Final Report 9/2015 Available from CIR
Calcium Caseinate	S		Final Report 9/2017 Available from CIR
Calcium Citrate	S		IJT 33(Suppl.2):16-46, 2014
Calcium Dihydrogen Phosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Calcium Dihydrogen Phosphate...	Final Report 9/2016 Available from CIR
Calcium Disodium EDTA	S		IJT 21(Suppl.2):95-142, 2002

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Ingredient	Finding†	Conclusion	Citation‡
Calcium Dodecylbenzenesulfonate	SQ	Salts of alkylbenzene sulfonates, including ammonium dodecylbenzenesulfonate, calcium dodecylbenzenesulfonate, DEA-dodecylbenzenesulfonate, isopropylamine dodecylbenzenesulfonate, magnesium isodecylbenzenesulfonate, MIPA-dodecylbenzenesulfonate, potassium dodecylbenzenesulfonate, sodium decylbenzenesulfonate, SDBS, sodium tridecylbenzenesulfonate, TEA-DDBS, and TEA-tridecylbenzenesulfonate, are safe as cosmetic ingredients in the practices of use given in this safety assessment when formulated to be nonirritating.	IJT 29(Suppl. 4):288-305, 2010
Calcium Gluconate	S		IJT 38(S1):5-38,2019
Calcium Glycinate	S		IJT 32(Suppl. 4):41-64, 2013
Calcium Glycolate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Calcium Glycolate...	IJT 17(S1):1-241, 1998; IJT 36(Suppl 2):14-58, 2017
Calcium Hydrolyzed Collagen	S		Final Report 9/2017 Available from CIR
Calcium Hydroxide	SQ	The CIR Expert Panel concluded that ... Calcium Hydroxide is safe in hair straighteners and depilatories under conditions of recommended use; users should minimize skin contact. Å These ingredients are safe for all other present practices of use and concentration described in this safety assessment when formulated to be nonirritating.	Final Report 12/2015 Available from CIR
Calcium Lactate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Calcium Lactate...	IJT 17(S1):1-241, 1998; IJT 36(Suppl 2):14-58, 2017
Calcium Laurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Calcium Laurate...	Final Report 04/2019 Available from CIR
Calcium Lauroyl Taurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Calcium Lauroyl Taurate...	Final Report 12/2015 Available from CIR
Calcium Myristate	S		IJT 29(Suppl. 3):162-186,2010
Calcium PCA	SQ	The CIR Expert Panel concluded that PCA (i.e., 2-pyrrolidone-5-carboxylic acid), calcium PCA, magnesium PCA, potassium PCA, and sodium PCA are safe in cosmetics in the present practices of use and concentration described in this safety assessment. PCA and its salts should not be used in cosmetic products in which N-nitroso compounds can be formed.	IJT 38(S2):5-11,2019
Calcium Pantothenate	S		Final Report 12/2017 Available from CIR
Calcium Paraben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...Calcium Paraben...	IJT 39(S1):5-97,2020
Calcium Phosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Calcium Phosphate...	Final Report 9/2016 Available from CIR
Calcium Potassium Carbomer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Calcium Potassium Carbomer...	Final Report 12/2018 Available from CIR
Calcium Potassium Sodium Phosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Calcium Potassium Sodium Phosphate...	Final Report 9/2016 Available from CIR
Calcium Pyrophosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Calcium Pyrophosphate...	Final Report 9/2016 Available from CIR
Calcium Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...Calcium Salicylate...	Final Report 04/2019 Available from CIR
Calcium Silicate	S		IJT 22(Suppl. 1):37-102, 2003

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Calcium Sodium Borosilicate	S		IJT 32(Suppl. 3):65-72, 2013
Calcium Starch Isododeceny Succinate	S		Final Report 9/2015 Available from CIR
Calcium Starch Octenylsuccinate	S		Final Report 9/2015 Available from CIR
Calcium Stearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Calcium Stearate	IJT 22(Suppl. 1):1-35, 2003; JACT 1(2):143-177, 1982; Final Report 04/2019 Available from CIR
Calcium Stearoyl Lactylate	SQ	The Panel concluded that the following alkanoyl lactyl lactate salts are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a QRA or other accepted methodologies...Calcium Stearoyl Lactylate...	Final Report 06/2019 Available from CIR
Calcium Thioglycolate	SQ	Based on the available data, the CIR Expert Panel concluded that ... Calcium Thioglycolate is safe for use in hair straighteners, permanent waves, tonics, dressings, and so forth, wave sets, other non-coloring hair products, and hair dyes and colors, as described in this safety assessment, at concentrations up to 1.2% (as Thioglycolic Acid). Hairdressers should avoid skin contact and minimize consumer skin exposure. Calcium Thioglycolate in depilatories is safe when formulated to be non-irritating under conditions of recommended use.	IJT 28(Suppl. 1):68-133, 2009
Calcium Titanium Borosilicate	S		IJT 32(Suppl. 3):65-72, 2013
Calcium Undecylenate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Calcium Undecylenate...	Final Report 04/2019 Available from CIR
Calcium Xylenesulfonate	SQ	Calcium Xylenesulfonate ... safe as cosmetic ingredient in the present practice of use and concentration as described in this safety assessment, when formulated to be nonirritating	IJT 30(Suppl. 3):270-283, 2011
Calcium/Sodium PVM/MA Copolymer	S		IJT 30(Suppl. 2):128-144, 2011
Calendula Officinalis	I	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Calendula Officinalis Extract and Calendula Officinalis for use in cosmetic products.	IJT 20(S2):13-20, 2001
Calendula Officinalis Extract	S		IJT 20(S2):13-20, 2001; IJT 29(Suppl 4):221-243, 2010
Calendula Officinalis Extract - XXX	S		IJT 29(Suppl 4):221-243, 2010
Calendula Officinalis Flower	S		IJT 20(S2):13-20, 2001; IJT 29(Suppl 4):221-243, 2010
Calendula Officinalis Flower Extract	S		IJT 20(S2):13-20, 2001; IJT 29(Suppl 4):221-243, 2010
Calendula Officinalis Flower Oil	S		IJT 29(Suppl 4):221-243, 2010
Calendula Officinalis Seed Oil	S		IJT 29(Suppl 4):221-243, 2010
Camelina Sativa Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Camellia Japonica Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Camellia Kissi Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Camellia Oleifera Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Camellia Sinensis Catechins	SQ	The CIR Expert Panel concluded that C. sinensis leaf-derived ingredients are safe as used in cosmetic products when formulated to be non-sensitizing...Camellia Sinensis Catechins...	IJT 38(S3):48-70,2019
Camellia Sinensis Flower Extract	Z	The Panel also concluded that the available data or information are insufficient to make a determination that C. sinensis non-leaf derived ingredients are safe for use in cosmetics.	IJT 38(S3):48-70,2019
Camellia Sinensis Flower/Leaf/Stem Juice	Z	The Panel also concluded that the available data or information are insufficient to make a determination that C. sinensis non-leaf derived ingredients are safe for use in cosmetics.	IJT 38(S3):48-70,2019
Camellia Sinensis Leaf	SQ	The CIR Expert Panel concluded that C. sinensis leaf-derived ingredients are safe as used in cosmetic products when formulated to be non-sensitizing...Camellia Sinensis Leaf...	IJT 38(S3):48-70,2019
Camellia Sinensis Leaf Extract	SQ	The CIR Expert Panel concluded that C. sinensis leaf-derived ingredients are safe as used in cosmetic products when formulated to be non-sensitizing...Camellia Sinensis Leaf Extract...	IJT 38(S3):48-70,2019
Camellia Sinensis Leaf Oil	SQ	The CIR Expert Panel concluded that C. sinensis leaf-derived ingredients are safe as used in cosmetic products when formulated to be non-sensitizing...Camellia Sinensis Leaf Oil...	IJT 38(S3):48-70,2019
Camellia Sinensis Leaf Powder	SQ	The CIR Expert Panel concluded that C. sinensis leaf-derived ingredients are safe as used in cosmetic products when formulated to be non-sensitizing...Camellia Sinensis Leaf Powder...	IJT 38(S3):48-70,2019
Camellia Sinensis Leaf Water	SQ	The CIR Expert Panel concluded that C. sinensis leaf-derived ingredients are safe as used in cosmetic products when formulated to be non-sensitizing...Camellia Sinensis Leaf Water...	IJT 38(S3):48-70,2019
Camellia Sinensis Root Extract	Z	The Panel also concluded that the available data or information are insufficient to make a determination that C. sinensis non-leaf derived ingredients are safe for use in cosmetics.	IJT 38(S3):48-70,2019

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Ingredient	Finding†	Conclusion	Citation#
Camellia Sinensis Seed Extract	Z	The Panel also concluded that the available data or information are insufficient to make a determination that <i>C. sinensis</i> non-leaf derived ingredients are safe for use in cosmetics.	IJT 38(S3):48-70,2019
Camellia Sinensis Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Camellia Sinensis Seed Powder	Z	The Panel also concluded that the available data or information are insufficient to make a determination that <i>C. sinensis</i> non-leaf derived ingredients are safe for use in cosmetics.	IJT 38(S3):48-70,2019
Camellia Sinensis Seedcoat Powder	Z	The Panel also concluded that the available data or information are insufficient to make a determination that <i>C. sinensis</i> non-leaf derived ingredients are safe for use in cosmetics.	IJT 38(S3):48-70,2019
Canarium Indicum Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Candelilla Cera	S		JACT 3(3):1-41, 1984; IJT 24(Suppl. 1):1-102, 2005
Candelilla Wax	S		JACT 3(3):1-41, 1984; IJT 24(Suppl. 1):1-102, 2005
Candelilla/Jojoba/Rice Bran Polyglyceryl-3 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Candelilla/Jojoba/Rice Bran Polyglyceryl-3 Esters...	Final Report 9/2016 Available from CIR
Canola Oil	S		IJT 36(Suppl. 3):51-129, 2017
Canola Oil Unsaponifiables	S		IJT 36(Suppl. 3):51-129, 2017
Canola Sterols	S		Final Report 12/2013 Available from CIR
Canolamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Canolamidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Capramide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Capramide DEA...	IJT 32(Suppl. 1):36-58, 2013
Capric Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Capric Acid...	Final Report 04/2019 Available from CIR
Capric/Lauric/Myristic/Oleic Triglyceride	S		Final Report 12/2017 Available from CIR
Caproic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Caproic Acid...	Final Report 04/2019 Available from CIR
Caprooyl Phytosphingosine	S		IJT 39(S3):5-25,2020
Caprooyl Sphingosine	S		IJT 39(S3):5-25,2020
Caproyl Sphingosine	S		IJT 39(S3):5-25,2020
Capryl Sultaine	S		Final Report 06/2018 Available from CIR
Capryl/Capramidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Capryl/Capramidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Capryleth-4	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Capryleth-4...	IJT 31(Suppl. 2):169-244, 2012
Capryleth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Capryleth-5...	IJT 31(Suppl. 2):169-244, 2012
Caprylic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Caprylic Acid...	Final Report 04/2019 Available from CIR
Caprylic/Capric Glycerides Polyglyceryl-10 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Caprylic/Capric Glycerides Polyglyceryl-10 Esters...	Final Report 9/2016 Available from CIR
Caprylic/Capric Triglyceride	S		Final Report 12/2017 Available from CIR
Caprylic/Capric/Coco Glycerides	S		IJT 30(Suppl. 1):5-16, 2011
Caprylic/Capric/Lauric Triglyceride	S		Final Report 12/2017 Available from CIR
Caprylic/Capric/Linoleic Triglyceride	S		Final Report 12/2017 Available from CIR
Caprylic/Capric/Myristic/Stearic Triglyceride	S		Final Report 12/2017 Available from CIR
Caprylic/Capric/Palmitic/Stearic Triglyceride	S		Final Report 12/2017 Available from CIR
Caprylic/Capric/Stearic Triglyceride	S		Final Report 12/2017 Available from CIR
Capryloyl Collagen Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Capryloyl Collagen Amino Acids	IJT 36(Suppl. 1):17-56, 2017

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Ingredient	Finding†	Conclusion	Citation#
Capryloyl Glycine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Capryloyl Glycine	IJT 36(Suppl. 1):17-56, 2017
Capryloyl Gold of Pleasure Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Capryloyl Gold of Pleasure Amino Acids	IJT 36(Suppl. 1):17-56, 2017
Capryloyl Keratin Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Capryloyl Keratin Amino Acids	IJT 36(Suppl. 1):17-56, 2017
Capryloyl Pea Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Capryloyl Pea Amino Acids	IJT 36(Suppl. 1):17-56, 2017
Capryloyl Quinoa Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Capryloyl Quinoa Amino Acids	IJT 36(Suppl. 1):17-56, 2017
Capryloyl Salicylic Acid	I	The CIR Expert Panel concluded that the available data are insufficient to make a determination that Capryloyl Salicylic Acid is safe under the intended conditions of use in cosmetic formulations.	Final Report 12/2019 Available from CIR
Capryloyl Silk Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Capryloyl Silk Amino Acids	IJT 36(Suppl. 1):17-56, 2017
Caprylyl Butyrate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Caprylyl Caprylate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Caprylyl Eicosenoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Caprylyl Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...Caprylyl Glucoside...	IJT 32(Suppl. 3):22-48, 2013
Caprylyl Glyceryl Ether	S		IJT 32(Suppl. 3):5-21, 2013
Caprylyl Glycol	S		IJT 31(Suppl. 2):147-168, 2012
Caprylyl/Capryl Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...Caprylyl/Capryl Glucoside...	IJT 32(Suppl. 3):22-48, 2013
Capsaicin	SQ	On the basis of the available data, the CIR Expert Panel concludes that Capsaicin and Capsicum Annuum Extract, Capsicum Annuum Fruit Extract, Capsicum Annuum Resin, Capsicum Annuum Fruit Powder, Capsicum Frutescens Fruit, Capsicum Frutescens Fruit Extract and Capsicum Frutescens Resin are safe as cosmetics in practices of use and concentration as described in the safety assessment when formulated not to be irritating.	IJT 26(Suppl. 1):3-106, 2007
Capsicum Annuum Extract	SQ	On the basis of the available data, the CIR Expert Panel concludes that Capsaicin and Capsicum Annuum Extract, Capsicum Annuum Fruit Extract, Capsicum Annuum Resin, Capsicum Annuum Fruit Powder, Capsicum Frutescens Fruit, Capsicum Frutescens Fruit Extract and Capsicum Frutescens Resin are safe as cosmetics in practices of use and concentration as described in the safety assessment when formulated not to be irritating.	IJT 26(Suppl. 1):3-106, 2007
Capsicum Annuum Fruit Extract	SQ	On the basis of the available data, the CIR Expert Panel concludes that Capsaicin and Capsicum Annuum Extract, Capsicum Annuum Fruit Extract, Capsicum Annuum Resin, Capsicum Annuum Fruit Powder, Capsicum Frutescens Fruit, Capsicum Frutescens Fruit Extract and Capsicum Frutescens Resin are safe as cosmetics in practices of use and concentration as described in the safety assessment when formulated not to be irritating.	IJT 26(Suppl. 1):3-106, 2007
Capsicum Annuum Resin	SQ	On the basis of the available data, the CIR Expert Panel concludes that Capsaicin and Capsicum Annuum Extract, Capsicum Annuum Fruit Extract, Capsicum Annuum Resin, Capsicum Annuum Fruit Powder, Capsicum Frutescens Fruit, Capsicum Frutescens Fruit Extract and Capsicum Frutescens Resin are safe as cosmetics in practices of use and concentration as described in the safety assessment when formulated not to be irritating.	IJT 26(Suppl. 1):3-106, 2007
Capsicum Annuum Root Powder	SQ	On the basis of the available data, the CIR Expert Panel concludes that Capsaicin and Capsicum Annuum Extract, Capsicum Annuum Fruit Extract, Capsicum Annuum Resin, Capsicum Annuum Fruit Powder, Capsicum Frutescens Fruit, Capsicum Frutescens Fruit Extract and Capsicum Frutescens Resin are safe as cosmetics in practices of use and concentration as described in the safety assessment when formulated not to be irritating.	IJT 26(Suppl. 1):3-106, 2007

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Ingredient	Finding†	Conclusion	Citation‡
Capsicum Frutescens Fruit	SQ	On the basis of the available data, the CIR Expert Panel concludes that Capsaicin and Capsicum Annuum Extract, Capsicum Annuum Fruit Extract, Capsicum Annuum Resin, Capsicum Annuum Fruit Powder, Capsicum Frutescens Fruit, Capsicum Frutescens Fruit Extract and Capsicum Frutescens Resin are safe as cosmetics in practices of use and concentration as described in the safety assessment when formulated not to be irritating.	UT 26(Suppl. 1):3-106, 2007
Capsicum Frutescens Fruit Extract	SQ	On the basis of the available data, the CIR Expert Panel concludes that Capsaicin and Capsicum Annuum Extract, Capsicum Annuum Fruit Extract, Capsicum Annuum Resin, Capsicum Annuum Fruit Powder, Capsicum Frutescens Fruit, Capsicum Frutescens Fruit Extract and Capsicum Frutescens Resin are safe as cosmetics in practices of use and concentration as described in the safety assessment when formulated not to be irritating.	UT 26(Suppl. 1):3-106, 2007
Capsicum Frutescens Resin	SQ	On the basis of the available data, the CIR Expert Panel concludes that Capsaicin and Capsicum Annuum Extract, Capsicum Annuum Fruit Extract, Capsicum Annuum Resin, Capsicum Annuum Fruit Powder, Capsicum Frutescens Fruit, Capsicum Frutescens Fruit Extract and Capsicum Frutescens Resin are safe as cosmetics in practices of use and concentration as described in the safety assessment when formulated not to be irritating.	UT 26(Suppl. 1):3-106, 2007
Captan	UNS	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Captan as used in cosmetics.	JACT 8(4):643-680, 1989
Carapa Guaianensis Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Carapa Guaianensis Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Carbomer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Carbomer...	Final Report 12/2018 Available from CIR
Carbomer-910	S		JACT 1(2):109-141, 1982; UT 22(Suppl. 1):1-35, 2003
Carbomer-934	S		JACT 1(2):109-141, 1982; UT 22(Suppl. 1):1-35, 2003
Carbomer-934P	S		JACT 1(2):109-141, 1982; UT 22(Suppl. 1):1-35, 2003
Carbomer-940	S		JACT 1(2):109-141, 1982; UT 22(Suppl. 1):1-35, 2003
Carbomer-941	S		JACT 1(2):109-141, 1982; UT 22(Suppl. 1):1-35, 2003
Carbomer-962	S		JACT 1(2):109-141, 1982; UT 22(Suppl. 1):1-35, 2003
Carboxymethyl Cellulose Acetate Butyrate	S		Final Report 3/2009 Available from CIR
Carboxymethyl Dextran	S		UT 35(Suppl. 1):5-49, 2016
Carboxymethyl Hydroxyethylcellulose	S		Final Report 3/2009 Available from CIR
Carboxymethyl Hydroxypropyl Guar	S		UT 34(Suppl. 1):35-65, 2015
Carica Papaya (Papaya) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Carnauba Wax	S		JACT 3(3):1-41, 1984; UT 24(Suppl. 1):1-102, 2005
Carnitine	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Carnitine...	UT 31(Suppl. 3):296-341, 2012
Carnitine HCl	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Carnitine HCl...	UT 31(Suppl. 3):296-341, 2012
Carnitine Hydroxycitrate	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Carnitine Hydroxycitrate...	UT 31(Suppl. 3):296-341, 2012
Carnitine PCA	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Carnitine PCA...	UT 31(Suppl. 3):296-341, 2012
Carrageenan	S		Final Report 9/2015 Available from CIR
Carthamus Tinctorius (Safflower) Seed Oil	S		JACT 4(5):171-197, 1985 ;UT 25(Suppl. 2) :1-89,2006;UT 36(Suppl. 3):51-129, 2017
Carvacrol	SQ	The CIR Expert panel concludes Sodium p-Chloro-m-Cresol, p-Chloro-m-Cresol, Chlorothymol, m-Cresol, o-Cresol, Isopropyl Cresols, Thymol, o-Cymen-5-ol, Cavacrol are safe at concentrations up to 0.5% in cosmetics; however, the available data are insufficient to support the safety of p-Cresol and Mixed Cresols for use in cosmetic products.	UT 25(Suppl. 1):29-127, 2006
Carya Illinoensis (Pecan) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Carya Illinoensis (Pecan) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Caryocar Brasiliense Fruit Oil	S		UT 36(Suppl. 3):51-129, 2017
Casein	S		Final Report 9/2017 Available from CIR
Casein Extract	S		Final Report 9/2017 Available from CIR
Cassia Angustifolia Seed Polysaccharide	S		Final Report 9/2015 Available from CIR
Cassia Gum	S		UT 34(Suppl. 1):35-65, 2015
Cassia Hydroxypropyltrimonium Chloride	S		UT 34(Suppl. 1):35-65, 2015
Castor Oil Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Castor Oil Phosphate...	UT 38(S2):12-32,2019

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Ingredient	Finding†	Conclusion	Citation#
Castor Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Castor Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Cellobiose Octanonanoate	S		Final Report 3/2015 Available from CIR
Cellulose	S		Final Report 3/2009 Available from CIR
Cellulose Acetate	S		Final Report 3/2009 Available from CIR
Cellulose Acetate Butyrate	S		Final Report 3/2009 Available from CIR
Cellulose Acetate Propionate	S		Final Report 3/2009 Available from CIR
Cellulose Acetate Propionate Carboxylate	S		Final Report 3/2009 Available from CIR
Cellulose Gum	S		JACT 5(3):1-59, 1986; Final Report 3/2009 Available from CIR
Cellulose Succinate	S		Final Report 3/2009 Available from CIR
Centella Asiatica Callus Culture	SQ	The CIR Expert Panel concluded that the following 9 ingredients are safe in the present practices of use and concentration in cosmetics, as described in this safety assessment, when formulated to be non-sensitizing...Centella Asiatica Callus Culture...	Final Report 6/2015 Available from CIR
Centella Asiatica Extract	SQ	The CIR Expert Panel concluded that the following 9 ingredients are safe in the present practices of use and concentration in cosmetics, as described in this safety assessment, when formulated to be non-sensitizing...Centella Asiatica Extract...	Final Report 6/2015 Available from CIR
Centella Asiatica Flower/Leaf/Stem Extract	SQ	The CIR Expert Panel concluded that the following 9 ingredients are safe in the present practices of use and concentration in cosmetics, as described in this safety assessment, when formulated to be non-sensitizing...Centella Asiatica Flower/Leaf/Stem Extract...	Final Report 6/2015 Available from CIR
Centella Asiatica Leaf Cell Culture Extract	SQ	The CIR Expert Panel concluded that the following 9 ingredients are safe in the present practices of use and concentration in cosmetics, as described in this safety assessment, when formulated to be non-sensitizing...Centella Asiatica Leaf Cell Culture Extract...	Final Report 6/2015 Available from CIR
Centella Asiatica Leaf Extract	SQ	The CIR Expert Panel concluded that the following 9 ingredients are safe in the present practices of use and concentration in cosmetics, as described in this safety assessment, when formulated to be non-sensitizing...Centella Asiatica Leaf Extract...	Final Report 6/2015 Available from CIR
Centella Asiatica Leaf Water	SQ	The CIR Expert Panel concluded that the following 9 ingredients are safe in the present practices of use and concentration in cosmetics, as described in this safety assessment, when formulated to be non-sensitizing...Centella Asiatica Leaf Water...	Final Report 6/2015 Available from CIR
Centella Asiatica Meristem Cell Culture	SQ	The CIR Expert Panel concluded that the following 9 ingredients are safe in the present practices of use and concentration in cosmetics, as described in this safety assessment, when formulated to be non-sensitizing...Centella Asiatica Meristem Cell Culture...	Final Report 6/2015 Available from CIR
Centella Asiatica Meristem Cell Culture Extract	SQ	The CIR Expert Panel concluded that the following 9 ingredients are safe in the present practices of use and concentration in cosmetics, as described in this safety assessment, when formulated to be non-sensitizing...Centella Asiatica Meristem Cell Culture Extract...	Final Report 6/2015 Available from CIR
Centella Asiatica Root Extract	SQ	The CIR Expert Panel concluded that the following 9 ingredients are safe in the present practices of use and concentration in cosmetics, as described in this safety assessment, when formulated to be non-sensitizing...Centella Asiatica Root Extract...	Final Report 6/2015 Available from CIR
Ceramide 1	S		IJT 39(S3):5-25,2020
Ceramide 1 A	S		IJT 39(S3):5-25,2020
Ceramide 2	S		IJT 39(S3):5-25,2020
Ceramide 3	S		IJT 39(S3):5-25,2020
Ceramide 4	S		IJT 39(S3):5-25,2020
Ceramide 5	S		IJT 39(S3):5-25,2020
Ceramide 6 II	S		IJT 39(S3):5-25,2020
Ceramide AP	S		IJT 39(S3):5-25,2020
Ceramide AS	S		IJT 39(S3):5-25,2020
Ceramide EOP	S		IJT 39(S3):5-25,2020
Ceramide EOS	S		IJT 39(S3):5-25,2020
Ceramide NG	S		IJT 39(S3):5-25,2020
Ceramide NP	S		IJT 39(S3):5-25,2020
Ceramide NS	S		IJT 39(S3):5-25,2020
Ceramide NS Dilaurate	S		IJT 39(S3):5-25,2020
Ceratonia Siliqua (Carob) Gum	S		JACT 34(Suppl. 1):35-65, 2015
Ceresin	S		JACT 3(3):43-99, 1984; JT 24(Suppl. 1):1-102, 2005
Ceteareth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteareth-10...	IJT 18(S3):41-49, 1999;IJT 31(Suppl. 2):169-244, 2012
Ceteareth-100	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteareth-100...	IJT 18(S3):41-49, 1999;IJT 31(Suppl. 2):169-244, 2012

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Ingredient	Finding†	Conclusion	Citation#
Ceteareth-7	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteareth-7...	IJT 18(S3):41-49, 1999;IJT 31(Suppl. 2):169-244, 2012
Ceteareth-8	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteareth-8...	IJT 18(S3):41-49, 1999;IJT 31(Suppl. 2):169-244, 2012
Ceteareth-80	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteareth-80...	IJT 18(S3):41-49, 1999;IJT 31(Suppl. 2):169-244, 2012
Ceteareth-9	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteareth-9...	IJT 18(S3):41-49, 1999;IJT 31(Suppl. 2):169-244, 2012
Cetearyltrimonium Chloride	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Cetearyltrimonium Chloride...	IJT 31(Suppl. 3):296-341, 2012
Cetearyl Alcohol	S		JACT 7(3):359-413, 1988; IJT 27(Suppl. 1):77-142, 2008
Cetearyl Behenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Cetearyl Candellillate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Cetearyl Dimethicone Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
Cetearyl Dimethicone/Vinyl Dimethicone Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
Cetearyl Ethylhexanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Cetearyl Ethylhexanoate...	JACT 1(4):81-90, 1982; IJT 25(Suppl. 2) :1-89,2006; IJT 34(Suppl.3):61-73, 2015
Cetearyl Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...Cetearyl Glucoside...	IJT 32(Suppl. 3):22-48, 2013
Cetearyl Isononanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 30(Suppl. 3):228-269, 2011; IJT 34(Suppl.2):5-69, 2015
Cetearyl Methicone	S		IJT 22(Suppl. 2):11-35, 2003
Cetearyl Nonanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 30(Suppl. 3):228-269, 2011; IJT 34(Suppl.2):5-69, 2015
Cetearyl Octanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Cetearyl Octanoate...	JACT 1(4):81-90, 1982; IJT 25(Suppl. 2) :1-89,2006; IJT 34(Suppl.3):61-73, 2015
Cetearyl Oliviate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Cetearyl Palmate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Cetearyl Palmitate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Cetearyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Cetearyl Phosphate...	IJT 38(S2):12-32,2019
Cetearyl Rice Branate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Cetearyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Ceteth-1	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteth-1...	IJT 18(S2):1-8, 1999;IJT 31(Suppl. 2):169-244, 2012

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Ingredient	Finding†	Conclusion	Citation‡
Ceteth-3	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteth-3...	IJT 18(S2):1-8, 1999;IJT 31(Suppl. 2):169-244, 2012
Ceteth-30	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteth-30...	IJT 18(S2):1-8, 1999;IJT 31(Suppl. 2):169-244, 2012
Ceteth-4	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteth-4...	IJT 18(S2):1-8, 1999;IJT 31(Suppl. 2):169-244, 2012
Ceteth-40	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteth-40...	IJT 31(Suppl. 2):169-244, 2012
Ceteth-45	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteth-45...	IJT 18(S2):1-8, 1999;IJT 31(Suppl. 2):169-244, 2012
Ceteth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteth-5...	IJT 18(S2):1-8, 1999;IJT 31(Suppl. 2):169-244, 2012
Ceteth-6	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteth-6...	IJT 18(S2):1-8, 1999;IJT 31(Suppl. 2):169-244, 2012
Ceteth-7	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Ceteth-7...	IJT 31(Suppl. 2):169-244, 2012
Cetethyl Morpholinium Ethosulfate	UNS	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Cetethyl Morpholinium Ethosulfate for use in cosmetic products.	IJT 20(suppl 3):99-102, 2001
Cetoleth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Cetoleth-10...	IJT 31(Suppl. 2):169-244, 2012
Cetoleth-11	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Cetoleth-11...	IJT 31(Suppl. 2):169-244, 2012
Cetoleth-15	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Cetoleth-15...	IJT 31(Suppl. 2):169-244, 2012
Cetoleth-18	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Cetoleth-18...	IJT 31(Suppl. 2):169-244, 2012
Cetoleth-2	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Cetoleth-2...	IJT 31(Suppl. 2):169-244, 2012

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Cetoleth-20	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Cetoleth-20...	IJT 31(Suppl. 2):169-244, 2012
Cetoleth-22	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Cetoleth-22...	IJT 31(Suppl. 2):169-244, 2012
Cetoleth-24	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Cetoleth-24...	IJT 31(Suppl. 2):169-244, 2012
Cetoleth-25	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Cetoleth-25...	IJT 31(Suppl. 2):169-244, 2012
Cetoleth-30	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Cetoleth-30...	IJT 31(Suppl. 2):169-244, 2012
Cetoleth-4	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Cetoleth-4...	IJT 31(Suppl. 2):169-244, 2012
Cetoleth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Cetoleth-5...	IJT 31(Suppl. 2):169-244, 2012
Cetoleth-6	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Cetoleth-6...	IJT 31(Suppl. 2):169-244, 2012
Cetrimonium Bromide	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Cetrimonium Bromide...	IJT 16(S3):195-220, 1997; IJT 31(Suppl. 3):296-341, 2012
Cetrimonium Chloride	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Cetrimonium Chloride...	IJT 16(S3):195-220, 1997; IJT 31(Suppl. 3):296-341, 2012
Cetrimonium Methosulfate	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Cetrimonium Methosulfate...	IJT 31(Suppl. 3):296-341, 2012
Cetyl Acetate	S		IJT 31(Suppl. 1):112-136, 2012
Cetyl Alcohol	S		JACT 7(3):359-413, 1988; IJT 27(Suppl. 1):77-142, 2008
Cetyl Babassuate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Cetyl Behenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Cetyl Betaine	SQ	The CIR Expert Panel concluded that the eleven alkyl betaines listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Cetyl Betaine...	Final Report 3/2014 Available from CIR
Cetyl Caprate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Cetyl Caprylate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Cetyl Dimethicone	S		IJT 22(Suppl. 2):11-35, 2003
Cetyl Dimethicone/Bis-Vinyldimethicone Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
Cetyl Dimethyloctanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015

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Cetyl Esters	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 16(S1):123-130, 1997; UT 34(Suppl.2):5-69, 2015
Cetyl Ethylhexanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Cetyl Ethylhexanoate...	IJT 34(Suppl.3):61-73, 2015
Cetyl Glyceryl Ether	S		UT 32(Suppl. 3):5-21, 2013
Cetyl Glycol	S		IJT 31(Suppl. 2):147-168, 2012
Cetyl Hexacosyl Dimethicone/Bis-Vinyldimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Cetyl Hydroxyethylcellulose	S		Final Report 3/2009 Available from CIR
Cetyl Isononanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 30(Suppl. 3):228-269, 2011; UT 34(Suppl.2):5-69, 2015
Cetyl Lactate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Cetyl Lactate...	JACT 1(2):97-107, 1982; UT 17(S1):1-241, 1998; UT 36(Suppl.2):14-58, 2017
Cetyl Laurate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Cetyl Myristate	S		IJT 29(Suppl. 3):162-186,2010; IJT 34(Suppl.2):5-69, 2015
Cetyl Myristoleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Cetyl Oleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Cetyl PEG-8 Dimethicone	S		Final Report 12/2014 Available from CIR
Cetyl PEG/PPG-10/1 Dimethicone	S		Final Report 12/2014 Available from CIR
Cetyl PEG/PPG-15/15 Butyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
Cetyl PEG/PPG-7/3 Dimethicone	S		Final Report 12/2014 Available from CIR
Cetyl Palmitate	S		JACT 1(2):13-35, 1982; UT 24(Suppl. 1):1-102, 2005; UT 34(Suppl.2):5-69, 2015
Cetyl Phosphate	SQ		The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Cetyl Phosphate...
Cetyl Ricinoleate	SQ	The CIR Expert Panel concluded that eh alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating	IJT 26(Suppl. 3):31-77, 2007;UT 34(Suppl.2):5-69, 2015
Cetyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	JACT 4(5):107-146, 1985; UT 24(Suppl. 1):1-102, 2005; IJT 34(Suppl.2):5-69, 2015
Cetyl Tallowate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Cetyl/Lauryl/Myristyl Hydroxysultaine	S		Final Report 06/2018 Available from CIR
Chamomilla Recutita (Matricaria) Extract	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration in cosmetics, described in this safety assessment, when formulated to be non-sensitizing...Chamomilla Recutita (Matricaria) Extract...	Final Report 6/2016 Available from CIR
Chamomilla Recutita (Matricaria) Flower	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration in cosmetics, described in this safety assessment, when formulated to be non-sensitizing...Chamomilla Recutita (Matricaria) Flower...	Final Report 6/2016 Available from CIR
Chamomilla Recutita (Matricaria) Flower Extract	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration in cosmetics, described in this safety assessment, when formulated to be non-sensitizing...Chamomilla Recutita (Matricaria) Flower Extract...	Final Report 6/2016 Available from CIR
Chamomilla Recutita (Matricaria) Flower Oil	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration in cosmetics, described in this safety assessment, when formulated to be non-sensitizing...Chamomilla Recutita (Matricaria) Flower Oil...	Final Report 6/2016 Available from CIR
Chamomilla Recutita (Matricaria) Flower Powder	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration in cosmetics, described in this safety assessment, when formulated to be non-sensitizing...Chamomilla Recutita (Matricaria) Flower Powder...	Final Report 6/2016 Available from CIR

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Ingredient	Finding†	Conclusion	Citation#
Chamomilla Recutita (Matricaria) Flower Water	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration in cosmetics, described in this safety assessment, when formulated to be non-sensitizing...Chamomilla Recutita (Matricaria) Flower Water...	Final Report 6/2016 Available from CIR
Chamomilla Recutita (Matricaria) Flower/Leaf Extract	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration in cosmetics, described in this safety assessment, when formulated to be non-sensitizing...Chamomilla Recutita (Matricaria) Flower/Leaf Extract...	Final Report 6/2016 Available from CIR
Chamomilla Recutita (Matricaria) Flower/Leaf/Stem Extract	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration in cosmetics, described in this safety assessment, when formulated to be non-sensitizing...Chamomilla Recutita (Matricaria) Flower/Leaf/Stem Extract...	Final Report 6/2016 Available from CIR
Chamomilla Recutita (Matricaria) Flower/Leaf/Stem Water	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration in cosmetics, described in this safety assessment, when formulated to be non-sensitizing...Chamomilla Recutita (Matricaria) Flower/Leaf/Stem Water...	Final Report 6/2016 Available from CIR
Chamomilla Recutita (Matricaria) Leaf Extract	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration in cosmetics, described in this safety assessment, when formulated to be non-sensitizing...Chamomilla Recutita (Matricaria) Leaf Extract...	Final Report 6/2016 Available from CIR
Chamomilla Recutita (Matricaria) Oil	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration in cosmetics, described in this safety assessment, when formulated to be non-sensitizing...Chamomilla Recutita (Matricaria) Oil...	Final Report 6/2016 Available from CIR
Chenopodium Quinoa Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Chimyl Alcohol	S		IJT 32(Suppl. 3):5-21, 2013
Chimyl Isostearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Chimyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Chlorhexidine	SQ	On the basis of the data presented in this report, the CIR Expert Panel concludes that Chlorhexidine and its salts are safe for use in cosmetic products at concentrations up to: 0.14% calculated as Chlorhexidine free base; 0.19% as Chlorhexidine Diacetate; 0.20% as Chlorhexidine Digluconate; and 0.16% as Chlorhexidine Dihydrochloride.	JACT 12(3):201-223, 1993; IJT 18(52):69, 1999; IJT 30(Suppl. 2):73-127, 2011
Chlorhexidine Diacetate	SQ	On the basis of the data presented in this report, the CIR Expert Panel concludes that Chlorhexidine and its salts are safe for use in cosmetic products at concentrations up to: 0.14% calculated as Chlorhexidine free base; 0.19% as Chlorhexidine Diacetate; 0.20% as Chlorhexidine Digluconate; and 0.16% as Chlorhexidine Dihydrochloride.	JACT 12(3):201-223, 1993; IJT 18(52):69, 1999; IJT 30(Suppl. 2):73-127, 2011
Chlorhexidine Digluconate	SQ	On the basis of the data presented in this report, the CIR Expert Panel concludes that Chlorhexidine and its salts are safe for use in cosmetic products at concentrations up to: 0.14% calculated as Chlorhexidine free base; 0.19% as Chlorhexidine Diacetate; 0.20% as Chlorhexidine Digluconate; and 0.16% as Chlorhexidine Dihydrochloride.	JACT 12(3):201-223, 1993; IJT 18(52):69, 1999; IJT 30(Suppl. 2):73-127, 2011
Chlorhexidine Dihydrochloride	SQ	On the basis of the data presented in this report, the CIR Expert Panel concludes that Chlorhexidine and its salts are safe for use in cosmetic products at concentrations up to: 0.14% calculated as Chlorhexidine free base; 0.19% as Chlorhexidine Diacetate; 0.20% as Chlorhexidine Digluconate; and 0.16% as Chlorhexidine Dihydrochloride.	JACT 12(3):201-223, 1993; IJT 18(52):69, 1999; IJT 30(Suppl. 2):73-127, 2011
p-Chloro-m-Cresol	SQ	The CIR Expert panel concludes Sodium p-Chloro-m-Cresol, p-Chloro-m-Cresol, Chlorothymol, m-Cresol, o-Cresol, Isopropyl Cresols, Thymol, o-Cymen-5-ol, Cavacrol are safe at concentrations up to 0.5% in cosmetics; however, the available data are insufficient to support the safety of p-Cresol and Mixed Cresols for use in cosmetic products.	IJT 16(Suppl.3):235-268, 1997;IJT 25(Suppl. 1):29-127, 2006
Chloroacetamide	U	Based on the data included in this report and the reconfirmation that Chloroacetamide is a potential human sensitizer at use concentrations, the Expert Panel concludes that Chloroacetamide is unsafe for use as a cosmetic ingredient.	JACT 10(1):21-32, 1991
Chlorophene	Z	The CIR Expert Panel concludes that the available data are insufficient to support safety of Dichlorophene or Chlorophene.	IJT 23(Suppl. 1):1-27, 2004
Chlorothymol	SQ	The CIR Expert panel concludes Sodium p-Chloro-m-Cresol, p-Chloro-m-Cresol, Chlorothymol, m-Cresol, o-Cresol, Isopropyl Cresols, Thymol, o-Cymen-5-ol, Cavacrol are safe at concentrations up to 0.5% in cosmetics; however, the available data are insufficient to support the safety of p-Cresol and Mixed Cresols for use in cosmetic products.	IJT 25(Suppl. 1):29-127, 2006
Chloroxylenol	S		JACT 4(5):147-169, 1985; IJT 25(Suppl. 2) :1-89,2006
Chlorphenesin	S		IJT 33(Suppl. 2):5-15, 2014
Cholesterol	S		JACT 5(5):491-516, 1986; IJT 25(Suppl. 2) :1-89,2006
Cholesterol/HDI/Pullulan Copolymer	S		Final Report 06/2016 available from CIR
Cholesteryl Nonanoate	S		Final Report 3/2015 Available from CIR
Choleth-24	S		JACT 1(4):119-126, 1982; IJT 24(Suppl. 1):1-102, 2005

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Ingredient	Finding†	Conclusion	Citation#
Choline Chloride	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Choline Chloride..	IJT 31(Suppl. 3):296-341, 2012
Cichorium Intybus (Chicory) Root Oligosaccharides	S		Final Report 9/2015 Available from CIR
Citric Acid	S		IJT 33(Suppl.2):16-46, 2014
Citrullus Lanatus (Watermelon) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Citrus Aurantifolia (Lime) Flower Extract	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantifolia (Lime) Flower Extract...	Final Report 12/2016 Available from CIR
Citrus Aurantifolia (Lime) Fruit	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Aurantifolia (Lime) Fruit...	Final Report 12/2015 Available from CIR
Citrus Aurantifolia (Lime) Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Aurantifolia (Lime) Fruit Extract...	Final Report 12/2015 Available from CIR
Citrus Aurantifolia (Lime) Fruit Water	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Aurantifolia (Lime) Fruit Water...	Final Report 12/2015 Available from CIR
Citrus Aurantifolia (Lime) Juice	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Aurantifolia (Lime) Juice...	Final Report 12/2015 Available from CIR
Citrus Aurantifolia (Lime) Leaf Oil	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantifolia (Lime) Leaf Oil...	Final Report 12/2016 Available from CIR
Citrus Aurantifolia (Lime) Oil	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantifolia (Lime) Oil...	Final Report 12/2016 Available from CIR
Citrus Aurantifolia (Lime) Peel	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Aurantifolia (Lime) Peel...	Final Report 9/2016 Available from CIR
Citrus Aurantifolia (Lime) Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Aurantifolia (Lime) Peel Extract...	Final Report 9/2016 Available from CIR
Citrus Aurantifolia (Lime) Peel Oil	SQ	The CIR Expert Panel concluded the citrus-derived peel oils listed above are safe for use in cosmetic products, excluding rinse-off products, do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP), and when formulated to be non-sensitizing and non-irritating...Citrus Aurantifolia (Lime) Peel Oil...	IJT 38(S2):33-59,2019
Citrus Aurantifolia (Lime) Peel Powder	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Aurantifolia (Lime) Peel Powder...	Final Report 9/2016 Available from CIR
Citrus Aurantifolia (Lime) Peel Water	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Aurantifolia (Lime) Peel Water...	Final Report 9/2016 Available from CIR
Citrus Aurantifolia (Lime) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Citrus Aurantifolia (Lime) Seed Oil Unsaponifiables	S		IJT 36(Suppl. 3):51-129, 2017
Citrus Aurantifolia (Lime)/Citrus Limon (Lemon) Fruit Water	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Aurantifolia (Lime)/Citrus Limon (Lemon) Fruit Water...	Final Report 12/2015 Available from CIR
Citrus Aurantium (Bitter Orange) Oil	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantium (Bitter Orange) Oil...	Final Report 12/06/16 available from CIR
Citrus Aurantium Amara (Bitter Orange) Flower Extract	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantium Amara (Bitter Orange) Flower Extract...	Final Report 12/2016 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Citrus Aurantium Amara (Bitter Orange) Flower Oil	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantium Amara (Bitter Orange) Flower Oil...	Final Report 12/2016 Available from CIR
Citrus Aurantium Amara (Bitter Orange) Flower Water	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantium Amara (Bitter Orange) Flower Water...	Final Report 12/2016 Available from CIR
Citrus Aurantium Amara (Bitter Orange) Flower Wax	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantium Amara (Bitter Orange) Flower Wax...	Final Report 12/2016 Available from CIR
Citrus Aurantium Amara (Bitter Orange) Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Aurantium Amara (Bitter Orange) Fruit Extract...	Final Report 12/2015 Available from CIR
Citrus Aurantium Amara (Bitter Orange) Fruit Juice Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Aurantium Amara (Bitter Orange) Fruit Juice Extract...	Final Report 12/2015 Available from CIR
Citrus Aurantium Amara (Bitter Orange) Leaf/Twig Extract	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantium Amara (Bitter Orange) Leaf/Twig Extract...	Final Report 12/2016 Available from CIR
Citrus Aurantium Amara (Bitter Orange) Leaf/Twig Oil	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantium Amara (Bitter Orange) Leaf/Twig Oil...	Final Report 12/2016 Available from CIR
Citrus Aurantium Amara (Bitter Orange) Peel	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Aurantium Amara (Bitter Orange) Peel...	Final Report 9/2016 Available from CIR
Citrus Aurantium Amara (Bitter Orange) Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Aurantium Amara (Bitter Orange) Peel Extract...	Final Report 9/2016 Available from CIR
Citrus Aurantium Amara (Bitter Orange) Peel Oil	SQ	The CIR Expert Panel concluded the citrus-derived peel oils listed above are safe for use in cosmetic products, excluding rinse-off products, do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP), and when formulated to be non-sensitizing and non-irritating...Citrus Aurantium Amara (Bitter Orange) Peel Oil...	IJT 38(S2):33-59,2019
Citrus Aurantium Amara (Bitter Orange) Peel Powder	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Aurantium Amara (Bitter Orange) Peel Powder...	Final Report 9/2016 Available from CIR
Citrus Aurantium Bergamia (Bergamot) Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Aurantium Bergamia (Bergamot) Fruit Extract...	Final Report 12/2015 Available from CIR
Citrus Aurantium Bergamia (Bergamot) Fruit Water	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Aurantium Bergamia (Bergamot) Fruit Water...	Final Report 12/2015 Available from CIR
Citrus Aurantium Bergamia (Bergamot) Leaf Cell Extract	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantium Bergamia (Bergamot) Leaf Cell Extract...	Final Report 12/2016 Available from CIR
Citrus Aurantium Bergamia (Bergamot) Leaf Extract	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantium Bergamia (Bergamot) Leaf Extract...	Final Report 12/2016 Available from CIR
Citrus Aurantium Bergamia (Bergamot) Leaf Oil	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantium Bergamia (Bergamot) Leaf Oil...	Final Report 12/2016 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Citrus Aurantium Bergamia (Bergamot) Peel Water	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Aurantium Bergamia (Bergamot) Peel Water...	Final Report 9/2016 Available from CIR
Citrus Aurantium Curassaviensis Peel Oil	SQ	The CIR Expert Panel concluded the citrus-derived peel oils listed above are safe for use in cosmetic products, excluding rinse-off products, do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP), and when formulated to be non-sensitizing and non-irritating...Citrus Aurantium Curassaviensis Peel Oil...	IT 38(52):33-59,2019
Citrus Aurantium Dulcis (Orange) Flower	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantium Dulcis (Orange) Flower...	Final Report 12/2016 Available from CIR
Citrus Aurantium Dulcis (Orange) Flower Extract	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantium Dulcis (Orange) Flower Extract...	Final Report 12/2016 Available from CIR
Citrus Aurantium Dulcis (Orange) Flower Oil	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantium Dulcis (Orange) Flower Oil...	Final Report 12/2016 Available from CIR
Citrus Aurantium Dulcis (Orange) Flower Wax	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantium Dulcis (Orange) Flower Wax...	Final Report 12/2016 Available from CIR
Citrus Aurantium Dulcis (Orange) Flower/Leaf/Stem Powder	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantium Dulcis (Orange) Flower/Leaf/Stem Powder...	Final Report 12/2016 Available from CIR
Citrus Aurantium Dulcis (Orange) Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Aurantium Dulcis (Orange) Fruit Extract...	Final Report 12/2015 Available from CIR
Citrus Aurantium Dulcis (Orange) Fruit Powder	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Aurantium Dulcis (Orange) Fruit Powder...	Final Report 12/2015 Available from CIR
Citrus Aurantium Dulcis (Orange) Fruit Water	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Aurantium Dulcis (Orange) Fruit Water...	Final Report 12/2015 Available from CIR
Citrus Aurantium Dulcis (Orange) Juice	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Aurantium Dulcis (Orange) Juice...	Final Report 12/2015 Available from CIR
Citrus Aurantium Dulcis (Orange) Leaf Extract	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantium Dulcis (Orange) Leaf Extract...	Final Report 12/2016 Available from CIR
Citrus Aurantium Dulcis (Orange) Oil	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantium Dulcis (Orange) Oil...	Final Report 12/2016 Available from CIR
Citrus Aurantium Dulcis (Orange) Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Aurantium Dulcis (Orange) Peel Extract...	Final Report 9/2016 Available from CIR
Citrus Aurantium Dulcis (Orange) Peel Oil	SQ	The CIR Expert Panel concluded the citrus-derived peel oils listed above are safe for use in cosmetic products, excluding rinse-off products, do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP), and when formulated to be non-sensitizing and non-irritating...Citrus Aurantium Dulcis (Orange) Peel Oil...	IT 38(52):33-59,2019
Citrus Aurantium Dulcis (Orange) Peel Powder	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Aurantium Dulcis (Orange) Peel Powder...	Final Report 9/2016 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Citrus Aurantium Dulcis (Orange) Peel Wax	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Aurantium Dulcis (Orange) Peel Wax...	Final Report 9/2016 Available from CIR
Citrus Aurantium Dulcis (Orange) Seed Extract	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantium Dulcis (Orange) Seed Extract...	Final Report 12/2016 Available from CIR
Citrus Aurantium Dulcis (Orange) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Citrus Aurantium Dulcis (Orange) Seed Oil Unsaponifiables	S		IJT 36(Suppl. 3):51-129, 2017
Citrus Aurantium Sinensis Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Aurantium Sinensis Peel Extract...	Final Report 9/2016 Available from CIR
Citrus Aurantium Sinensis Powder	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Aurantium Sinensis Powder...	Final Report 12/2016 Available from CIR
Citrus Aurantium Tachibana Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Aurantium Tachibana Peel Extract...	Final Report 9/2016 Available from CIR
Citrus Australasica Seed Oil	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Australasica Seed Oil...	Final Report 12/2016 Available from CIR
Citrus Clementina Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Clementina Fruit Extract...	Final Report 12/2015 Available from CIR
Citrus Clementina Juice	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Clementina Juice...	Final Report 12/2015 Available from CIR
Citrus Clementina Leaf Cell Extract	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Clementina Leaf Cell Extract...	Final Report 12/2016 Available from CIR
Citrus Clementina Peel Oil	SQ	The CIR Expert Panel concluded the citrus-derived peel oils listed above are safe for use in cosmetic products, excluding rinse-off products, do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP), and when formulated to be non-sensitizing and non-irritating...Citrus Clementina Peel Oil...	IJT 38(S2):33-59,2019
Citrus Depressa Flower Water	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Depressa Flower Water...	Final Report 12/2016 Available from CIR
Citrus Depressa Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Depressa Fruit Extract...	Final Report 12/2015 Available from CIR
Citrus Depressa Fruit Water	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Depressa Fruit Water...	Final Report 12/2015 Available from CIR
Citrus Depressa Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Depressa Peel Extract...	Final Report 9/2016 Available from CIR
Citrus Depressa Peel Powder	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Depressa Peel Powder...	Final Report 9/2016 Available from CIR
Citrus Depressa Seed Oil	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Depressa Seed Oil...	Final Report 12/2016 Available from CIR
Citrus Glauca Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Glauca Fruit Extract...	Final Report 12/2015 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Citrus Glauca Seed Oil	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Glauca Seed Oil...	Final Report 12/2016 Available from CIR
Citrus Grandis (Grapefruit)	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Grandis (Grapefruit)...	Final Report 12/2016 Available from CIR
Citrus Grandis (Grapefruit) Extract	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Grandis (Grapefruit) Extract...	Final Report 12/2016 Available from CIR
Citrus Grandis (Grapefruit) Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Grandis (Grapefruit) Fruit Extract...	Final Report 12/2015 Available from CIR
Citrus Grandis (Grapefruit) Fruit Water	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Grandis (Grapefruit) Fruit Water...	Final Report 12/2015 Available from CIR
Citrus Grandis (Grapefruit) Fruit/Peel Water	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Grandis (Grapefruit) Fruit/Peel Water...	Final Report 12/2015 Available from CIR
Citrus Grandis (Grapefruit) Juice	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Grandis (Grapefruit) Juice...	Final Report 12/2015 Available from CIR
Citrus Grandis (Grapefruit) Leaf Extract	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Grandis (Grapefruit) Leaf Extract...	Final Report 12/2016 Available from CIR
Citrus Grandis (Grapefruit) Peel	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Grandis (Grapefruit) Peel...	Final Report 9/2016 Available from CIR
Citrus Grandis (Grapefruit) Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Grandis (Grapefruit) Peel Extract...	Final Report 9/2016 Available from CIR
Citrus Grandis (Grapefruit) Peel Oil	SQ	The CIR Expert Panel concluded the citrus-derived peel oils listed above are safe for use in cosmetic products, excluding rinse-off products, do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP), and when formulated to be non-sensitizing and non-irritating...Citrus Grandis (Grapefruit) Peel Oil...	IJT 38(S2):33-59,2019
Citrus Grandis (Grapefruit) Peel Powder	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Grandis (Grapefruit) Peel Powder...	Final Report 9/2016 Available from CIR
Citrus Grandis (Grapefruit) Seed Extract	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Grandis (Grapefruit) Seed Extract...	Final Report 12/2016 Available from CIR
Citrus Grandis (Grapefruit) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Citrus Grandis (Grapefruit) Seed Oil Unsaponifiables	S		IJT 36(Suppl. 3):51-129, 2017
Citrus Grandis Peel/Seed Extract	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Grandis Peel/Seed Extract...	Final Report 12/2016 Available from CIR
Citrus Grandis/Paradisi Fruit Water	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Grandis/Paradisi Fruit Water...	Final Report 12/2015 Available from CIR
Citrus Hassaku Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Hassaku Fruit Extract...	Final Report 12/2015 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Citrus Hassaku/Natsudaikai Fruit Juice	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Hassaku/Natsudaikai Fruit Juice...	Final Report 12/2015 Available from CIR
Citrus Hassaku/Natsudaikai Fruit Powder	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Hassaku/Natsudaikai Fruit Powder...	Final Report 12/2015 Available from CIR
Citrus Hassaku/Natsudaikai Peel Powder	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Hassaku/Natsudaikai Peel Powder...	Final Report 9/2016 Available from CIR
Citrus Hystrix Leaf Extract	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Hystrix Leaf Extract...	Final Report 12/2016 Available from CIR
Citrus Hystrix Leaf Oil	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Hystrix Leaf Oil...	Final Report 12/2016 Available from CIR
Citrus Iyo Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Iyo Fruit Extract...	Final Report 12/2015 Available from CIR
Citrus Iyo Fruit Water	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Iyo Fruit Water...	Final Report 12/2015 Available from CIR
Citrus Iyo Oil	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Iyo Oil...	Final Report 12/2016 Available from CIR
Citrus Iyo Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Iyo Peel Extract...	Final Report 9/2016 Available from CIR
Citrus Iyo Peel Oil	SQ	The CIR Expert Panel concluded the citrus-derived peel oils listed above are safe for use in cosmetic products, excluding rinse-off products, do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP), and when formulated to be non-sensitizing and non-irritating...Citrus Iyo Peel Oil...	IT 38(S2):33-59,2019
Citrus Iyo Peel Water	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Iyo Peel Water...	Final Report 9/2016 Available from CIR
Citrus Jabara Juice	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Jabara Juice...	Final Report 12/2015 Available from CIR
Citrus Jabara Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Jabara Peel Extract...	Final Report 9/2016 Available from CIR
Citrus Jabara Peel Powder	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Jabara Peel Powder...	Final Report 9/2016 Available from CIR
Citrus Jabara Peel Water	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Jabara Peel Water...	Final Report 9/2016 Available from CIR
Citrus Japonica Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Japonica Fruit Extract...	Final Report 12/2015 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Citrus Junos Extract	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Junos Extract...	Final Report 12/2016 Available from CIR
Citrus Junos Flower Oil	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Junos Flower Oil...	Final Report 12/2016 Available from CIR
Citrus Junos Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Junos Fruit Extract...	Final Report 12/2015 Available from CIR
Citrus Junos Fruit Juice	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Junos Fruit Juice...	Final Report 12/2015 Available from CIR
Citrus Junos Fruit Oil	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Junos Fruit Oil...	Final Report 12/2015 Available from CIR
Citrus Junos Fruit Powder	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Junos Fruit Powder...	Final Report 12/2015 Available from CIR
Citrus Junos Fruit Water	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Junos Fruit Water...	Final Report 12/2015 Available from CIR
Citrus Junos Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Junos Peel Extract...	Final Report 9/2016 Available from CIR
Citrus Junos Peel Oil	SQ	The CIR Expert Panel concluded the citrus-derived peel oils listed above are safe for use in cosmetic products, excluding rinse-off products, do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP), and when formulated to be non-sensitizing and non-irritating...Citrus Junos Peel Oil...	IJ 38(S2):33-59,2019
Citrus Junos Peel Powder	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Junos Peel Powder...	Final Report 9/2016 Available from CIR
Citrus Junos Peel Water	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Junos Peel Water...	Final Report 9/2016 Available from CIR
Citrus Junos Seed Extract	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Junos Seed Extract...	Final Report 12/2016 Available from CIR
Citrus Junos Seed Oil	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Junos Seed Oil...	Final Report 12/2016 Available from CIR
Citrus Limon (Lemon) Flower Water	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Limon (Lemon) Flower Water...	Final Report 12/2016 Available from CIR
Citrus Limon (Lemon) Flower/Leaf/Stem Extract	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Limon (Lemon) Flower/Leaf/Stem Extract...	Final Report 12/2016 Available from CIR
Citrus Limon (Lemon) Flower/Leaf/Stem Oil	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Limon (Lemon) Flower/Leaf/Stem Oil...	Final Report 12/2016 Available from CIR
Citrus Limon (Lemon) Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Limon (Lemon) Fruit Extract...	Final Report 12/2015 Available from CIR
Citrus Limon (Lemon) Fruit Oil	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Limon (Lemon) Fruit Oil...	Final Report 12/2015 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Citrus Limon (Lemon) Fruit Powder	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Limon (Lemon) Fruit Powder...	Final Report 12/2015 Available from CIR
Citrus Limon (Lemon) Fruit Water	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Limon (Lemon) Fruit Water...	Final Report 12/2015 Available from CIR
Citrus Limon (Lemon) Juice	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Limon (Lemon) Juice...	Final Report 12/2015 Available from CIR
Citrus Limon (Lemon) Juice Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Limon (Lemon) Juice Extract...	Final Report 12/2015 Available from CIR
Citrus Limon (Lemon) Juice Powder	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Limon (Lemon) Juice Powder...	Final Report 12/2015 Available from CIR
Citrus Limon (Lemon) Leaf Cell Extract	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Limon (Lemon) Leaf Cell Extract...	Final Report 12/2016 Available from CIR
Citrus Limon (Lemon) Leaf Extract	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Limon (Lemon) Leaf Extract...	Final Report 12/2016 Available from CIR
Citrus Limon (Lemon) Leaf/Peel/Stem Oil	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Limon (Lemon) Leaf/Peel/Stem Oil...	Final Report 12/2016 Available from CIR
Citrus Limon (Lemon) Peel	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Limon (Lemon) Peel...	Final Report 9/2016 Available from CIR
Citrus Limon (Lemon) Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Limon (Lemon) Peel Extract...	Final Report 9/2016 Available from CIR
Citrus Limon (Lemon) Peel Oil	SQ	The CIR Expert Panel concluded the citrus-derived peel oils listed above are safe for use in cosmetic products, excluding rinse-off products, do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP), and when formulated to be non-sensitizing and non-irritating...Citrus Limon (Lemon) Peel Oil...	IJT 38(S2):33-59,2019
Citrus Limon (Lemon) Peel Powder	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Limon (Lemon) Peel Powder...	Final Report 9/2016 Available from CIR
Citrus Limon (Lemon) Peel Water	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Limon (Lemon) Peel Water...	Final Report 9/2016 Available from CIR
Citrus Limon (Lemon) Peel Wax	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Limon (Lemon) Peel Wax...	Final Report 9/2016 Available from CIR
Citrus Limon (Lemon) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Citrus Madurensis Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Madurensis Fruit Extract...	Final Report 12/2015 Available from CIR
Citrus Madurensis Fruit Juice	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Madurensis Fruit Juice...	Final Report 12/2015 Available from CIR

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Ingredient	Finding†	Conclusion	Citation#
Citrus Medica Vulgaris Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Medica Vulgaris Fruit Extract...	Final Report 12/2015 Available from CIR
Citrus Medica Vulgaris Peel Oil	SQ	The CIR Expert Panel concluded the citrus-derived peel oils listed above are safe for use in cosmetic products, excluding rinse-off products, do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP), and when formulated to be non-sensitizing and non-irritating...Citrus Medica Vulgaris Peel Oil...	IJT 38(S2):33-59,2019
Citrus Natsudaikai Flower Oil	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Natsudaikai Flower Oil...	Final Report 12/2016 Available from CIR
Citrus Natsudaikai Flower Water	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Natsudaikai Flower Water...	Final Report 12/2016 Available from CIR
Citrus Natsudaikai Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Natsudaikai Peel Extract...	Final Report 9/2016 Available from CIR
Citrus Nobilis (Mandarin Orange)	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Nobilis (Mandarin Orange)...	Final Report 12/2016 Available from CIR
Citrus Nobilis (Mandarin Orange) Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Nobilis (Mandarin Orange) Fruit Extract...	Final Report 12/2015 Available from CIR
Citrus Nobilis (Mandarin Orange) Fruit Juice	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Nobilis (Mandarin Orange) Fruit Juice...	Final Report 12/2015 Available from CIR
Citrus Nobilis (Mandarin Orange) Oil	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Nobilis (Mandarin Orange) Oil...	Final Report 12/2016 Available from CIR
Citrus Nobilis (Mandarin Orange) Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Nobilis (Mandarin Orange) Peel Extract...	Final Report 9/2016 Available from CIR
Citrus Nobilis (Mandarin Orange) Peel Oil	SQ	The CIR Expert Panel concluded the citrus-derived peel oils listed above are safe for use in cosmetic products, excluding rinse-off products, do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP), and when formulated to be non-sensitizing and non-irritating...Citrus Nobilis (Mandarin Orange) Peel Oil...	IJT 38(S2):33-59,2019
Citrus Nobilis (Mandarin Orange) Peel Powder	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Nobilis (Mandarin Orange) Peel Powder...	Final Report 9/2016 Available from CIR
Citrus Nobilis (Mandarin Orange) Water	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Nobilis (Mandarin Orange) Water...	Final Report 12/2016 Available from CIR
Citrus Paradisi (Grapefruit) Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Paradisi (Grapefruit) Fruit Extract...	Final Report 12/2015 Available from CIR
Citrus Paradisi (Grapefruit) Fruit Water	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Paradisi (Grapefruit) Fruit Water...	Final Report 12/2015 Available from CIR
Citrus Paradisi (Grapefruit) Juice	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Paradisi (Grapefruit) Juice...	Final Report 12/2015 Available from CIR
Citrus Paradisi (Grapefruit) Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Paradisi (Grapefruit) Peel Extract...	Final Report 9/2016 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Citrus Paradisi (Grapefruit) Seed Extract	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Paradisi (Grapefruit) Seed Extract...	Final Report 12/2016 Available from CIR
Citrus Paradisi (Grapefruit) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Citrus Reticulata (Tangerine) Extract	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Reticulata (Tangerine) Extract...	Final Report 12/2016 Available from CIR
Citrus Reticulata (Tangerine) Fruit	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Reticulata (Tangerine) Fruit...	Final Report 12/2015 Available from CIR
Citrus Reticulata (Tangerine) Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Reticulata (Tangerine) Fruit Extract...	Final Report 12/2015 Available from CIR
Citrus Reticulata (Tangerine) Fruit Water	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Reticulata (Tangerine) Fruit Water...	Final Report 12/2015 Available from CIR
Citrus Reticulata (Tangerine) Leaf Oil	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Reticulata (Tangerine) Leaf Oil...	Final Report 12/2016 Available from CIR
Citrus Reticulata (Tangerine) Leaf Water	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Reticulata (Tangerine) Leaf Water...	Final Report 12/2016 Available from CIR
Citrus Reticulata (Tangerine) Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Reticulata (Tangerine) Peel Extract...	Final Report 9/2016 Available from CIR
Citrus Reticulata (Tangerine) Peel Oil	SQ	The CIR Expert Panel concluded the citrus-derived peel oils listed above are safe for use in cosmetic products, excluding rinse-off products, do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP), and when formulated to be non-sensitizing and non-irritating...Citrus Reticulata (Tangerine) Peel Oil...	UT 38(S2):33-59,2019
Citrus Reticulata (Tangerine) Peel Powder	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Reticulata (Tangerine) Peel Powder...	Final Report 9/2016 Available from CIR
Citrus Shunkokan Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Shunkokan Fruit Extract...	Final Report 12/2015 Available from CIR
Citrus Shunkokan Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Shunkokan Peel Extract...	Final Report 9/2016 Available from CIR
Citrus Sinensis (Orange) Flower Water	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Sinensis (Orange) Flower Water...	Final Report 12/2016 Available from CIR
Citrus Sinensis (Orange) Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Sinensis (Orange) Fruit Extract...	Final Report 12/2015 Available from CIR
Citrus Sinensis (Orange) Fruit Water	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Sinensis (Orange) Fruit Water...	Final Report 12/2015 Available from CIR
Citrus Sphaerocarpa Fruit Juice	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Sphaerocarpa Fruit Juice...	Final Report 12/2015 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Citrus Sudachi Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Sudachi Fruit Extract...	Final Report 12/2015 Available from CIR
Citrus Sudachi Fruit Juice	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Sudachi Fruit Juice...	Final Report 12/2015 Available from CIR
Citrus Sunki Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Sunki Peel Extract...	Final Report 9/2016 Available from CIR
Citrus Sunki Seed Extract	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Sunki Seed Extract...	Final Report 12/2016 Available from CIR
Citrus Sunki Seed Oil	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Sunki Seed Oil...	Final Report 12/2016 Available from CIR
Citrus Tachibana/Reticulata Fruit Juice	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Tachibana/Reticulata Fruit Juice...	Final Report 12/2015 Available from CIR
Citrus Tachibana/Reticulata Peel Oil	SQ	The CIR Expert Panel concluded the citrus-derived peel oils listed above are safe for use in cosmetic products, excluding rinse-off products, do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP), and when formulated to be non-sensitizing and non-irritating...Citrus Tachibana/Reticulata Peel Oil...	IJ 38(S2):33-59,2019
Citrus Tachibana/Reticulata Peel Powder	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Tachibana/Reticulata Peel Powder...	Final Report 9/2016 Available from CIR
Citrus Tamurana Flower Extract	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf-derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Tamurana Flower Extract...	Final Report 12/2016 Available from CIR
Citrus Tamurana Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Tamurana Fruit Extract...	Final Report 12/2015 Available from CIR
Citrus Tangelo Fruit Juice	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Tangelo Fruit Juice...	Final Report 12/2015 Available from CIR
Citrus Tangelo Fruit Powder	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Tangelo Fruit Powder...	Final Report 12/2015 Available from CIR
Citrus Tangelo Peel Powder	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Tangelo Peel Powder...	Final Report 9/2016 Available from CIR
Citrus Tangerina (Tangerine) Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Tangerina (Tangerine) Extract...	Final Report 12/2015 Available from CIR
Citrus Tangerina (Tangerine) Fruit	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Tangerina (Tangerine) Fruit...	Final Report 12/2015 Available from CIR
Citrus Tangerina (Tangerine) Fruit Water	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Tangerina (Tangerine) Fruit Water...	Final Report 12/2015 Available from CIR
Citrus Tangerina (Tangerine) Peel	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Tangerina (Tangerine) Peel...	Final Report 9/2016 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Citrus Tangerina (Tangerine) Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Tangerina (Tangerine) Peel Extract...	Final Report 9/2016 Available from CIR
Citrus Tangerina (Tangerine) Peel Oil	SQ	The CIR Expert Panel concluded the citrus-derived peel oils listed above are safe for use in cosmetic products, excluding rinse-off products, do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP), and when formulated to be non-sensitizing and non-irritating...Citrus Tangerina (Tangerine) Peel Oil...	IJ 38(52):33-59,2019
Citrus Tankan Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Tankan Fruit Extract...	Final Report 12/2015 Available from CIR
Citrus Tankan Fruit Water	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Tankan Fruit Water...	Final Report 12/2015 Available from CIR
Citrus Unshiu Extract	SQ	The CIR Expert Panel concluded that the following 18 ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Unshiu Extract...	Final Report 12/2016 Available from CIR
Citrus Unshiu Flower Extract	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Unshiu Flower Extract...	Final Report 12/2016 Available from CIR
Citrus Unshiu Flower Powder	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Unshiu Flower Powder...	Final Report 12/2016 Available from CIR
Citrus Unshiu Flower Water	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Unshiu Flower Water...	Final Report 12/2016 Available from CIR
Citrus Unshiu Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Unshiu Fruit Extract...	Final Report 12/2015 Available from CIR
Citrus Unshiu Fruit Juice	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Unshiu Fruit Juice...	Final Report 12/2015 Available from CIR
Citrus Unshiu Fruit Juice Ferment Extract Filtrate	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Unshiu Fruit Juice Ferment Extract Filtrate...	Final Report 12/2015 Available from CIR
Citrus Unshiu Fruit Oil	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Unshiu Fruit Oil...	Final Report 12/2015 Available from CIR
Citrus Unshiu Fruit Powder	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Unshiu Fruit Powder...	Final Report 12/2015 Available from CIR
Citrus Unshiu Fruit Water	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Unshiu Fruit Water...	Final Report 12/2015 Available from CIR
Citrus Unshiu Leaf Extract	SQ	The CIR Expert Panel concluded that the following 33 Citrus flower- and leaf -derived ingredients are safe in the present practices of use and concentration when formulated to be non-irritating and non-sensitizing...Citrus Unshiu Leaf Extract...	Final Report 12/2016 Available from CIR
Citrus Unshiu Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Unshiu Peel Extract...	Final Report 9/2016 Available from CIR
Citrus Unshiu Peel Powder	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Unshiu Peel Powder...	Final Report 9/2016 Available from CIR

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Ingredient	Finding†	Conclusion	Citation#
Citrus Unshiu Peel Water	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Citrus Unshiu Peel Water...	Final Report 9/2016 Available from CIR
Citrus Unshiu/Citrus Reticulata/Citrus Iyo Fruit Water	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Unshiu/Citrus Reticulata/Citrus Iyo Fruit Water...	Final Report 12/2015 Available from CIR
Citrus Unshiu/Sinensis/Reticulata Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Citrus Unshiu/Sinensis/Reticulata Fruit Extract...	Final Report 12/2015 Available from CIR
Cladosiphon Novae-Caledoniae Extract	I	The Panel also concluded that the available data are insufficient to support a conclusion of safety for the remaining 14 ingredients are under intended conditions of use in cosmetic formulations	Final Report 09/2019 Available from CIR
Cladosiphon Okamurae Extract	S		Final Report 09/2019 Available from CIR
Coal Tar	UNS	The available data are insufficient to support the safety of Coal Tar for use in cosmetic products as described in this safety assessment.	IJT 27(Suppl. 2):1-24, 2008
Cocamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Cocamide DEA...	JACT 5(5):415-454, 1986; JACT 15(6):527-542, 1996; IJT 32(Suppl. 1):36-58, 2013
Cocamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Cocamide MEA	IJT 18(S2):9-16, 1999; IJT 34(Suppl.1):18-34, 2015
Cocamide MIPA	SQ	The CIR Expert Panel concluded that the 14 alkyl amide MIPA ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Cocamide MIPA...	Final Report 12/2019 Available from CIR
Cocamide Methyl MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Cocamide Methyl MEA...	IJT 34(Suppl.1):18-34, 2015
Cocamidopropyl Betainamide MEA Chloride	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Cocamidopropyl Betainamide MEA Chloride...	IJT 34(Suppl.1):18-34, 2015
Cocamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Cocamidopropyl Betaine...	JACT 10(1):33-52, 1991; IJT 31(Suppl. 1):77-111, 2012
Cocamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Cocamidopropyl Dimethylamine...	IJT 38(S1):39-69, 2019
Cocamidopropyl Hydroxysultaine	S		Final Report 06/2018 Available from CIR
Cocamidopropylamine Oxide	S; I	Based on the data contained in this report, the CIR Expert Panel concludes that Cocamidopropylamine Oxide is safe as a cosmetic ingredient in rinse-off cosmetic products in the practices of use and concentrations described in this safety assessment, but the data are insufficient to make a determination of safety for use in leave-on cosmetic products.	IJT 19(S2):1-5, 2000; IJT 27(Suppl. 1):55-62, 2008
Coceth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Coceth-10...	IJT 31(Suppl. 2):169-244, 2012
Coceth-20	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Coceth-20...	IJT 31(Suppl. 2):169-244, 2012

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Ingredient	Finding†	Conclusion	Citation#
Coceth-25	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Coceth-25...	IJT 31(Suppl. 2):169-244, 2012
Coceth-3	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Coceth-3...	IJT 31(Suppl. 2):169-244, 2012
Coceth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Coceth-5...	IJT 31(Suppl. 2):169-244, 2012
Coceth-6	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Coceth-6...	IJT 31(Suppl. 2):169-244, 2012
Coceth-7	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Coceth-7...	IJT 31(Suppl. 2):169-244, 2012
Coceth-8	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Coceth-8...	IJT 31(Suppl. 2):169-244, 2012
Coco-Betaine	SQ	The CIR Expert Panel concluded that the eleven alkyl betaines listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Coco-Betaine...	Final Report 3/2014 Available from CIR
Coco-Caprylate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Coco-Caprylate/Caprates	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Coco-Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...Coco-Glucoside...	IJT 32(Suppl. 3):22-48, 2013
Coco-Hydroxysultaine	S		Final Report 06/2018 Available from CIR
Coco-Rapeseedate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Coco-Sultaine	S		Final Report 06/2018 Available from CIR
Coco/Oleamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Coco/Oleamidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Coco/Sunfloweramidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Coco/Sunfloweramidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Cocoa Butter Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Cocoa Butter Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Cocoamphacetate	S		JACT 9(2):121-142, 1990; IJT 27(Suppl. 1):77-142, 2008
Cocoamphodiacetate	S		JACT 9(2):121-142, 1990; IJT 27(Suppl. 1):77-142, 2008
Cocoamphodipropionate	S		JACT 9(2):121-142, 1990; IJT 27(Suppl. 1):77-142, 2008
Cocoamphopropionate	S		JACT 9(2):121-142, 1990; IJT 27(Suppl. 1):77-142, 2008
Cocoglycerides	S		IJT 30(Suppl. 1):5-16, 2011
Coconut Acid	S		JACT 5(3):103-121, 1986;
Coconut Alcohol	S		IJT 30(Suppl. 1):5-16, 2011;IJT 36(Suppl. 3):51-129, 2017
Coconut Oil	S		IJT 30(Suppl. 1):5-16, 2011
Coconut Oil Decyl Esters	S		JACT 5(3):103-121, 1986;
	S		IJT 30(Suppl. 1):5-16, 2011;IJT 36(Suppl. 3):51-129, 2017
	S		IJT 30(Suppl. 1):5-16, 2011

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Ingredient	Finding†	Conclusion	Citation#
Coconut Oil MIPA Amides	SQ	The CIR Expert Panel concluded that the 14 alkyl amide MIPA ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Coconut Oil MIPA Amides...	Final Report 12/2019 Available from CIR
Coconut Oil PEG-10 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Coconut Oil PEG-10 Esters...	IJT 33(Suppl 4):13-39, 2014
Coconut Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Coconut Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Cocos Nucifera (Coconut) Oil	S		JACT 5(3):103-121, 1986; IJT 30(Suppl. 1):5-16, 2011; IJT 36(Suppl. 3):51-129, 2017
Cocos Nucifera (Coconut) Seed Butter	S		IJT 36(Suppl. 3):51-129, 2017
Cocotrimonium Chloride	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Cocotrimonium Chloride...	IJT 31(Suppl. 3):296-341, 2012
Cocotrimonium Methosulfate	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Cocotrimonium Methosulfate...	IJT 31(Suppl. 3):296-341, 2012
Cocoyl Glutamic Acid	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Cocoyl Glutamic Acid	IJT 36(Suppl. 1):17-56, 2017
Cocoyl Sarcosine	SQ	The CIR Expert Panel concluded that the following ingredients are safe as used in cosmetics when formulated to be non-irritating. The Expert Panel cautions that these ingredients should not be used in cosmetic products in which N-nitroso compounds can be found...Cocoyl Sarcosine...	IJT 20(S1):1-14, 2001; Final Report 9/2016 Available from CIR
Cocoylcholine Methosulfate	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Cocoylcholine Methosulfate...	IJT 31(Suppl. 3):296-341, 2012
Cod Liver/Mink/Tallow Triglyceride	S		Final Report 12/2017 Available from CIR
Coffee Seed Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Coffee Seed Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Coix Lacryma-Jobi (Job's Tears) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Collagen	S		Final Report 9/2017 Available from CIR
Collagen Amino Acids	S		IJT 33(Suppl 4):5-12, 2014
Collodion	S		IJT 35(Suppl. 1):50-59, 2016
Copper Citrate	S		IJT 33(Suppl.2):16-46, 2014
Copper Tripeptide-1	S		Final Report 06/10/2014 Available from CIR
Corn (Zea Mays) Cob Meal	S		IJT 30(Suppl. 1):17-39, 2011
Corn (Zea Mays) Cob Powder	S		IJT 30(Suppl. 1):17-39, 2011
Corn (Zea Mays) Flour	S		IJT 30(Suppl. 1):17-39, 2011
Corn (Zea Mays) Germ Extract	S		IJT 30(Suppl. 1):17-39, 2011
Corn (Zea Mays) Germ Oil	S		IJT 36(Suppl. 3):51-129, 2017; IJT 30(Suppl. 1):17-39, 2011
Corn (Zea Mays) Gluten Protein	S		IJT 30(Suppl. 1):17-39, 2011
Corn (Zea Mays) Kernel Extract	S		IJT 30(Suppl. 1):17-39, 2011
Corn (Zea Mays) Meal	S		IJT 30(Suppl. 1):17-39, 2011
Corn (Zea Mays) Oil	S		IJT 36(Suppl. 3):51-129, 2017; IJT 30(Suppl. 1):17-39, 2011
Corn (Zea Mays) Oil Unsaponifiables	S		IJT 36(Suppl. 3):51-129, 2017; IJT 30(Suppl. 1):17-39, 2011
Corn (Zea Mays) Silk Extract	S		IJT 30(Suppl. 1):17-39, 2011
Corn (Zea Mays) Starch	S		IJT 30(Suppl. 1):17-39, 2011
Corn Acid	S		IJT 30(Suppl. 1):17-39, 2011; IJT 36(Suppl. 3):51-129, 2017
Corn Gluten Amino Acids	S		IJT 33(Suppl 4):5-12, 2014
Corn Glycerides	S		IJT 30(Suppl. 1):17-39, 2011
Corn Oil PEG-6 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Corn Oil PEG-6 Esters...	IJT 33(Suppl 4):13-39, 2014
Corn Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Corn Oil PEG-8 Esters...	IJT 33(Suppl 4):13-39, 2014
Corn Starch Modified	S		Final Report 9/2015 Available from CIR
Cornamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Cornamide DEA...	IJT 32(Suppl. 1):36-58, 2013

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Ingredient	Finding*	Conclusion	Citation#
Cornamide/Cocamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Cornamide/Cocamide DEA...	IJT 32(Suppl. 1):36-58, 2013
Corylus Americana (Hazel) Seed Oil	S		IJT 20(S1):15-20, 2001;IJT 36(Suppl. 3):51-129, 2017
Corylus Americana (Hazel) Leaf Extract	Z	The CIR Panel concludes that the available data are insufficient to support the safety of Hazel (Corylus Avellana) Nut Oil, Hazel (Corylus Americana) Nut Oil, Hazel (Corylus Avellana) Nut Extract, Hazel (Corylus Americana) Nut Extract, Hazel (Corylus Rostrata) Nut Extract, Hazel (Corylus Avellana) Extract, Hazel (Corylus Americana) Extract, and Hazel (Corylus Rostrata) Extract for use in cosmetic products.	IJT 20(S1):15-20, 2001
Corylus Americana (Hazel) Seed Extract	Z	The CIR Panel concludes that the available data are insufficient to support the safety of Hazel (Corylus Avellana) Nut Oil, Hazel (Corylus Americana) Nut Oil, Hazel (Corylus Avellana) Nut Extract, Hazel (Corylus Americana) Nut Extract, Hazel (Corylus Rostrata) Nut Extract, Hazel (Corylus Avellana) Extract, Hazel (Corylus Americana) Extract, and Hazel (Corylus Rostrata) Extract for use in cosmetic products.	IJT 20(S1):15-20, 2001
Corylus Avellana (Hazel) Seed Oil	S		IJT 20(S1):15-20, 2001;IJT 36(Suppl. 3):51-129, 2017
Corylus Avellana (Hazel) Leaf Extract	Z	The CIR Panel concludes that the available data are insufficient to support the safety of Hazel (Corylus Avellana) Nut Oil, Hazel (Corylus Americana) Nut Oil, Hazel (Corylus Avellana) Nut Extract, Hazel (Corylus Americana) Nut Extract, Hazel (Corylus Rostrata) Nut Extract, Hazel (Corylus Avellana) Extract, Hazel (Corylus Americana) Extract, and Hazel (Corylus Rostrata) Extract for use in cosmetic products.	IJT 20(S1):15-20, 2001
Corylus Avellana (Hazel) Seed Extract	Z	The CIR Panel concludes that the available data are insufficient to support the safety of Hazel (Corylus Avellana) Nut Oil, Hazel (Corylus Americana) Nut Oil, Hazel (Corylus Avellana) Nut Extract, Hazel (Corylus Americana) Nut Extract, Hazel (Corylus Rostrata) Nut Extract, Hazel (Corylus Avellana) Extract, Hazel (Corylus Americana) Extract, and Hazel (Corylus Rostrata) Extract for use in cosmetic products.	IJT 20(S1):15-20, 2001
Cottonseed (Gossypium) Oil	S	safe in the present practices of use and concentration described in this safety assessment	IJT 20(S2):21-29, 2001; IJT 36(Suppl. 3):51-129, 2017
Cottonseed Acid	S		IJT 20(S2):21-29, 2001;IJT 36(Suppl. 3):51-129, 2017
Cottonseed Glyceride	SQ	Based on the available data, the CIR Panel concludes that Hydrogenated Cottonseed (Gossypium Oil), Cottonseed Acid, Cottonseed Glyceride, and Hydrogenated Cottonseed Glyceride are safe as used in cosmetic products, provided that established limits on gossypol, heavy metals, and pesticide concentrations are not exceeded.	IJT 20(S2):21-29, 2001
Crambe Abyssinica Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
p-Cresol	Z	The CIR Expert panel concludes Sodium p-Chloro-m-Cresol, p-Chloro-m-Cresol, Chlorothymol, m-Cresol, o-Cresol, Isopropyl Cresols, Thymol, o-Cymen-5-ol, Cavacrol are safe at concentrations up to 0.5% in cosmetics; however, the available data are insufficient to support the safety of p-Cresol and Mixed Cresols for use in cosmetic products.	IJT 25(Suppl. 1):29-127, 2006
m-Cresol	SQ	The CIR Expert panel concludes Sodium p-Chloro-m-Cresol, p-Chloro-m-Cresol, Chlorothymol, m-Cresol, o-Cresol, Isopropyl Cresols, Thymol, o-Cymen-5-ol, Cavacrol are safe at concentrations up to 0.5% in cosmetics; however, the available data are insufficient to support the safety of p-Cresol and Mixed Cresols for use in cosmetic products.	IJT 25(Suppl. 1):29-127, 2006
o-Cresol	SQ	The CIR Expert panel concludes Sodium p-Chloro-m-Cresol, p-Chloro-m-Cresol, Chlorothymol, m-Cresol, o-Cresol, Isopropyl Cresols, Thymol, o-Cymen-5-ol, Cavacrol are safe at concentrations up to 0.5% in cosmetics; however, the available data are insufficient to support the safety of p-Cresol and Mixed Cresols for use in cosmetic products.	IJT 25(Suppl. 1):29-127, 2006
Crotonic Acid/Vinyl C8-12 Isoalkyl Esters/VA/Bis-Vinylidimethicone Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
Cucumis Sativus (Cucumber) Extract	S		IJT 33(Suppl. 2):47-64, 2014
Cucumis Sativus (Cucumber) Fruit	S		IJT 33(Suppl. 2):47-64, 2014
Cucumis Sativus (Cucumber) Fruit Extract	S		IJT 33(Suppl. 2):47-64, 2014
Cucumis Sativus (Cucumber) Fruit Water	S		IJT 33(Suppl. 2):47-64, 2014
Cucumis Sativus (Cucumber) Juice	S		IJT 33(Suppl. 2):47-64, 2014
Cucumis Sativus (Cucumber) Seed Extract	S		IJT 33(Suppl. 2):47-64, 2014
Cucumis Sativus (Cucumber) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Cucurbita Pepo (Pumpkin) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Cupuassuamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Cupuassuamidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Cyamopsis Tetragonoloba (Guar) Gum	S		IJT 34(Suppl. 1):35-65, 2015
Cyclodextrin	S		Final Report 9/2015 Available from CIR
Cyclodextrin Hydroxypropyltrimonium Chloride	S		Final Report 9/2015 Available from CIR
Cyclodextrin Laurate	S		Final Report 9/2015 Available from CIR
Cycloheptasiloxane	S		IJT 30(Suppl. 3):149-227, 2011
Cyclohexasiloxane	S		IJT 30(Suppl. 3):149-227, 2011

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Ingredient	Finding†	Conclusion	Citation#
Cyclohexyl Methacrylate	SQ	Based on available data, the CIR Expert Panel concluded that...Cyclohexyl Methacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	UT 24(Suppl 5):53-100, 2005
Cyclohexyl Methacrylate/Ethylhexyl Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Cyclohexyl Methacrylate/Ethylhexyl Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Cyclomethicone	S		JACT 10(1):9-19, 1991; UT 30(Suppl. 3):149-227, 2011
Cyclopentasiloxane	S		UT 30(Suppl. 3):149-227, 2011
Cyclotetraglucose	S		Final Report 9/2015 Available from CIR
Cyclotetrasiloxane	S		UT 30(Suppl. 3):149-227, 2011
o-Cymen-5-ol	SQ	The CIR Expert panel concludes Sodium p-Chloro-m-Cresol, p-Chloro-m-Cresol, Chlorothymol, m-Cresol, o-Cresol, Isopropyl Cresols, Thymol, o-Cymen-5-ol, Cavacrol are safe at concentrations up to 0.5% in cosmetics; however, the available data are insufficient to support the safety of p-Cresol and Mixed Cresols for use in cosmetic products.	JACT 3(3):131-138, 1984;UT 25(Suppl. 1):29-127, 2006
Cynara Cardunculus Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Cysteine	S		UT 32(Suppl. 4):41-64, 2013
Cysteine HCl	S		UT 32(Suppl. 4):41-64, 2013
Cystine	S		UT 32(Suppl. 4):41-64, 2013
Cystoseira Amentacea/Caespitosa/Branchycarpa Extract	S		Final Report 09/2019 Available from CIR
Cystoseira Baccata Extract	S		Final Report 09/2019 Available from CIR
Cystoseira Balearica Extract	I	The Panel also concluded that the available data are insufficient to support a conclusion of safety for the remaining 14 ingredients are under intended conditions of use in cosmetic formulations	Final Report 09/2019 Available from CIR
Cystoseira Caespitosa Extract	I	The Panel also concluded that the available data are insufficient to support a conclusion of safety for the remaining 14 ingredients are under intended conditions of use in cosmetic formulations	Final Report 09/2019 Available from CIR
Cystoseira Compressa Extract	S		Final Report 09/2019 Available from CIR
Cystoseira Compressa Powder	S		Final Report 09/2019 Available from CIR
Cystoseira Tamariscifolia Extract	S		Final Report 09/2019 Available from CIR
DEA Stearate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	UT 36(Suppl 2):89-110, 2017
DEA-C12-13 Alkyl Sulfate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	UT 36(Suppl 2):89-110, 2017
DEA-C12-13 Pareth-3 Sulfate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	UT 36(Suppl 2):89-110, 2017
DEA-C12-15 Alkyl Sulfate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	UT 36(Suppl 2):89-110, 2017
DEA-Cetyl Sulfate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	UT 36(Suppl 2):89-110, 2017
DEA-Cocoamphodipropionate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	UT 36(Suppl 2):89-110, 2017
DEA-Dodecylbenzenesulfonate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	UT 29(Suppl. 4):288-305, 2010; UT 36(Suppl 2):89-110, 2017
DEA-Isostearate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	UT 36(Suppl 2):89-110, 2017

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Ingredient	Finding†	Conclusion	Citation‡
DEA-Laureth Sulfate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	IJT 36(Suppl 2):89-110, 2017
DEA-Lauryl Sulfate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	IJT 36(Suppl 2):89-110, 2017
DEA-Linoleate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	IJT 36(Suppl 2):89-110, 2017
DEA-Methyl Myristate Sulfonate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	IJT 36(Suppl 2):89-110, 2017
DEA-Myreth Sulfate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	IJT 36(Suppl 2):89-110, 2017
DEA-Myristate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	IJT 36(Suppl 2):89-110, 2017
DEA-Myristyl Sulfate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	IJT 36(Suppl 2):89-110, 2017
DMDM Hydantoin	S		JACT 7(3):245-277, 1988; IJT 27(Suppl. 1):77-142, 2008
Decene/Butene Copolymer	S		IJT 39(S2):59-90,2020
Deceth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Deceth-10...	IJT 31(Suppl. 2):169-244, 2012
Deceth-3	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Deceth-3...	IJT 31(Suppl. 2):169-244, 2012
Deceth-4	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Deceth-4...	IJT 31(Suppl. 2):169-244, 2012
Deceth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Deceth-5...	IJT 31(Suppl. 2):169-244, 2012
Deceth-6	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Deceth-6...	IJT 31(Suppl. 2):169-244, 2012
Deceth-7	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Deceth-7...	IJT 31(Suppl. 2):169-244, 2012
Deceth-8	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Deceth-8...	IJT 31(Suppl. 2):169-244, 2012
Deceth-9	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Deceth-9...	IJT 31(Suppl. 2):169-244, 2012

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Ingredient	Finding†	Conclusion	Citation#
Decyl Betaine	SQ	The CIR Expert Panel concluded that the eleven alkyl betaines listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Decyl Betaine...	Final Report 3/2014 Available from CIR
Decyl Castorate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Decyl Cocoate	SQ	The CIR Expert Panel concludes that Ammonium Cocomonoglyceride Sulfate, Butylene Glycol Cocoate, Caprylic/Capric/Coco Glycerides, Cocoglycerides, Coconut Acid, Coconut Alcohol, Coconut Oil Decyl Esters, Cocos Nucifera (Coconut) Oil, Decyl Cocoate, Ethylhexyl Cocoate, Hydrogenated Coco-Glycerides, Hydrogenated Coconut Acid, Hydrogenated Coconut Oil, Isodecyl Cocoate, Lauryl Cocoate, Magnesium Cocoate, Methyl Cocoate, Octyldodecyl Cocoate, Pentaerythrityl Cocoate, Potassium Cocoate, Potassium Hydrogenated Cocoate, Sodium Cocoate, Sodium Cocomonoglyceride Sulfate, Sodium Hydrogenated Cocoate, and Tridecyl Cocoate are safe for use as cosmetic ingredients.	UT 30(Suppl. 1):5-16, 2011; UT 34(Suppl.2):5-69, 2015
Decyl Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...Decyl Glucoside...	UT 32(Suppl. 3):22-48, 2013
Decyl HDI/PEG-180 Crosspolymer	S		Final Report 06/2016 available from CIR
Decyl Isostearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Decyl Jojobate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Decyl Laurate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Decyl Myristate	S		UT 29(Suppl. 3):162-186,2010; UT 34(Suppl.2):5-69, 2015
Decyl Oleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	JACT 1(2):85-95, 1982; UT 22(Suppl. 1):1-35, 2003; UT 34(Suppl.2):5-69, 2015
Decyl Olivatate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Decyl Palmitate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Decyl Succinate	S		UT 31(Suppl 1):5-76, 2012
Decylene Glycol	S		UT 31(Suppl. 2):147-168, 2012
Decyltetradeceth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Decyltetradeceth-10...	UT 31(Suppl. 2):169-244, 2012
Decyltetradeceth-15	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Decyltetradeceth-15...	UT 31(Suppl. 2):169-244, 2012
Decyltetradeceth-20	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Decyltetradeceth-20...	UT 31(Suppl. 2):169-244, 2012
Decyltetradeceth-25	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Decyltetradeceth-25...	UT 31(Suppl. 2):169-244, 2012
Decyltetradeceth-30	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Decyltetradeceth-30...	UT 31(Suppl. 2):169-244, 2012
Decyltetradeceth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Decyltetradeceth-5...	UT 31(Suppl. 2):169-244, 2012

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Ingredient	Finding†	Conclusion	Citation‡
Decyltetradecyl Cetearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Decyltetradecyl Ethylhexanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Decyltetradecyl Ethylhexanoate...	IJT 34(Suppl.3):61-73, 2015
Defatted Citrus Unshiu Fruit	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Defatted Citrus Unshiu Fruit...	Final Report 12/2015 Available from CIR
Dehydroacetic Acid	S		JACT 4(3):123-159, 1985; IJT 27(Suppl. 1):77-142, 2008
Dehydroxanthan Gum	S		IJT 35(Suppl. 1):5-49, 2016
Denatonium Benzoate	S		IJT 27(Suppl. 1):1-43, 2008
Dextran	S		IJT 35(Suppl. 1):5-49, 2016
Dextran Hydroxypropyltrimonium Chloride	S		IJT 35(Suppl. 1):5-49, 2016
Dextran Sulfate	S		IJT 35(Suppl. 1):5-49, 2016
Dextrin	S		Final Report 9/2015 Available from CIR
Dextrin Behenate	S		Final Report 9/2015 Available from CIR
Dextrin Isostearate	S		Final Report 9/2015 Available from CIR
Dextrin Laurate	S		Final Report 9/2015 Available from CIR
Dextrin Myristate	S		Final Report 9/2015 Available from CIR
Dextrin Palmitate	S		Final Report 9/2015 Available from CIR
Dextrin Palmitate/Ethylhexanoate	S		Final Report 9/2015 Available from CIR
Dextrin Stearate	S		Final Report 9/2015 Available from CIR
Di-C12-13 Alkyl Malate	S		IJT 34(Suppl. 1):5-17, 2015
Di-C12-15 Alkyl Adipate	S		IJT 31(Suppl 1):5-76, 2012
Di-C12-15 Alkyl Fumarate	S		Final Report 3/2009 Available from CIR
Di-C16-18 Alkyl Dimer Dilinoleate	S		Final Report 10/2018 Available from CIR
Di-C20-40 Alkyl Dimer Dilinoleate	S		Final Report Available 10/2018 FR
Di-HEMA Trimethylhexyl Dicarbamate	SQ	Based on available data, the CIR Expert Panel concluded that ...Di-HEMA Trimethylhexyl Dicarbamate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IJT 24(Suppl 5):53-100, 2005
Di-t-Butylhydroquinone	Z	The Expert Panel concludes that the available data are insufficient to support the safety of Di-t-Butylhydroquinone for use in cosmetic products.	JACT 15(4):301-310, 1996
Diammonium Citrate	S		IJT 33(Suppl.2):16-46, 2014
Diammonium EDTA	S		IJT 21(Suppl.2):95-142, 2002
Diammonium Phosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Diammonium Phosphate...	Final Report 9/2016 Available from CIR
Diamyl Sodium Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following 8 dialkyl sulfosuccinate salts are safe in the present practices of use and concentration in cosmetics in this safety assessment when formulated to be non-irritating...Diamyl Sodium Sulfosuccinate...	IJT 35(Suppl. 3):34-46, 2016
Diazolidinyl Urea	SQ	On the basis of the animal and clinical data presented in this report, the CIR Expert Panel concludes that Diazolidinyl Urea is safe as a cosmetic ingredient up to a maximum concentration of 0.5 percent. Note: In 2006, the CIR Expert Panel considered available new data on this ingredient and confirmed the above conclusion.	JACT 9(2):229-245, 1990; IJT 27(Suppl. 1):77-142, 2008
Dibehenyl Fumarate	S		Final Report 3/2009 Available from CIR
Dibutyl Adipate	S		JACT 15(4):295-300, 1996; IJT 25(Suppl. 1):129-134, 2006; IJT 31(Suppl 1):5-76, 2012
Dibutyl Phthalate	S		JACT 4(3):267-303, 1985; IJT 24(Suppl. 1):1-102, 2005; IJT 36(Suppl 2):14-58, 2017
Dibutyl Sebacate	S		IJT 31(Suppl 1):5-76, 2012
Dibutyloctyl Malate	S		IJT 34(Suppl. 1):5-17, 2015
Dibutyloctyl Sebacate	S		IJT 31(Suppl 1):5-76, 2012
Dicalcium Phosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Dicalcium Phosphate...	Final Report 9/2016 Available from CIR
Dicalcium Phosphate Dihydrate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Dicalcium Phosphate Dihydrate...	Final Report 9/2016 Available from CIR
Dicapryl Adipate	S		IJT 31(Suppl 1):5-76, 2012
Dicapryl Sodium Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following 8 dialkyl sulfosuccinate salts are safe in the present practices of use and concentration in cosmetics in this safety assessment when formulated to be non-irritating...Dicapryl Sodium Sulfosuccinate...	IJT 35(Suppl. 3):34-46, 2016
Dicapryl Succinate	S		IJT 31(Suppl 1):5-76, 2012
Dicaprylyl Carbonate	SQ	The CIR Expert Panel concluded that the following 6 dialkyl carbonates are safe in the present practices of use and concentration, as described in this safety assessment, when formulated to be non-irritating...Dicaprylyl Carbonate...	Final Report 12/2016 Available from CIR
Dicaprylyl/Capryl Sebacate	S		IJT 31(Suppl 1):5-76, 2012
Dictearyl Dimer Dilinoleate	S		IJT 22(Suppl.2):45-61, 2003

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Diceteryl Succinate	S		IJT 31(Suppl 1):5-76, 2012
Dicetyl Adipate	S		IJT 31(Suppl 1):5-76, 2012
Dicetyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Dicetyl Phosphate...	IJT 38(S2):12-32,2019
Dicetyl Thiodipropionate	SQ	The CIR Expert Panel concludes that Dilauryl Thiodipropionate, Thiodipropionic Acid, Dicetyl Thiodipropionate, Dimyristyl Thiodipropionate, Distearyl Thiodipropionate, and Ditridecyl Thiodipropionate are safe as cosmetic ingredients in the practices of use and concentration given in this safety assessment when formulated to be non-irritating.	IJT 29(Suppl. 3):137-150,2010
Dichlorophene	Z		IJT 23(Suppl. 1):1-27, 2004
Dictyopteris Polypodioides Extract	S		Final Report 09/2019 Available from CIR
Dictyota Coriacea Extract	I	The Panel also concluded that the available data are insufficient to support a conclusion of safety for the remaining 14 ingredients are under intended conditions of use in cosmetic formulations	Final Report 09/2019 Available from CIR
Dierucic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Dierucic Acid...	Final Report 04/2019 Available from CIR
Diethanolamine	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	JACT 2(7):183-235, 1983; IJT 36(Suppl 2):89-110, 2017
Diethanolamine Bisulfate	SQ	The CIR Expert Panel concluded that diethanolamine and the 16 related salts listed below are safe in the present practices of use and concentration when formulated to be non-irritating. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	IJT 36(Suppl 2):89-110, 2017
Diethyl Adipate	S		IJT 31(Suppl 1):5-76, 2012
Diethyl Malonate	S		IJT 31(Suppl 1):5-76, 2012
Diethyl Phthalate	S		JACT 4(3):267-303, 1985; IJT 24(Suppl. 1):1-102, 2005; IJT 36(Suppl 2):14-58, 2017
Diethyl Sebacate	S		IJT 31(Suppl 1):5-76, 2012
Diethyl Succinate	S		IJT 31(Suppl 1):5-76, 2012
Diethylene Glycol Diethylhexanoate/Diisononanoate	S		Final Report 3/2015 Available from CIR
Diethylene Glycol Diisononanoate	S		Final Report 3/2015 Available from CIR
Diethylene Glyco/DMAP Acrylamide/PEG-180/HDI Copolymer	S		Final Report 06/2016 available from CIR
Diethylhexyl Adipate	S		JACT 3(3):101-130, 1984; IJT 24(Suppl. 1):1-102, 2005; IJT 25(Suppl. 2) :1-89,2006; IJT 31(Suppl 1):5-76, 2012
Diethylhexyl Carbonate	SQ	The CIR Expert Panel concluded that the following 6 dialkyl carbonates are safe in the present practices of use and concentration, as described in this safety assessment, when formulated to be non-irritating...Diethylhexyl Carbonate...	Final Report 12/2016 Available from CIR
Diethylhexyl Dimer Dilinoleate	S		Final Report 10/2018 Available from CIR
Diethylhexyl Fumarate	S		Final Report 3/2009 Available from CIR
Diethylhexyl Malate	S		IJT 34(Suppl. 1):5-17, 2015
Diethylhexyl Sebacate	S		IJT 31(Suppl 1):5-76, 2012
Diethylhexyl Sodium Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following 8 dialkyl sulfosuccinate salts are safe in the present practices of use and concentration in cosmetics in this safety assessment when formulated to be non-irritating...Diethylhexyl Sodium Sulfosuccinate...	IJT 17(S4):1-20, 1998; IJT 35(Suppl. 3):34-46, 2016
Diethylhexyl Succinate	S		IJT 31(Suppl 1):5-76, 2012
Diethylpentanediol Dineopentanoate	S		Final Report 9/2017 Available from CIR
Diheptyl Sodium Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following 8 dialkyl sulfosuccinate salts are safe in the present practices of use and concentration in cosmetics in this safety assessment when formulated to be non-irritating...Diheptyl Sodium Sulfosuccinate...	IJT 35(Suppl. 3):34-46, 2016
Diheptylundecyl Adipate	S		IJT 31(Suppl 1):5-76, 2012
Dihexyl Adipate	S		IJT 31(Suppl 1):5-76, 2012
Dihexyl Sodium Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following 8 dialkyl sulfosuccinate salts are safe in the present practices of use and concentration in cosmetics in this safety assessment when formulated to be non-irritating...Dihexyl Sodium Sulfosuccinate...	IJT 35(Suppl. 3):34-46, 2016
Dihexyldecyl Adipate	S		IJT 31(Suppl 1):5-76, 2012
Dihexyldecyl Sebacate	S		IJT 31(Suppl 1):5-76, 2012
Dihydrocholesteryl Nonanoate	S		Final Report 3/2015 Available from CIR
Dihydrogenated Tallow Benzylmonium Hectorite	S		IJT 32(Suppl. 4):33-40, 2013
Dihydrophytosteryl Octyldecanoate	S		Final Report 12/2013 Available from CIR
Diisoamyl Malate	S		IJT 34(Suppl. 1):5-17, 2015
Diisobutyl Adipate	S		IJT 31(Suppl 1):5-76, 2012
Diisobutyl Glutarate	S		IJT 31(Suppl 1):5-76, 2012
Diisobutyl Sodium Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following 8 dialkyl sulfosuccinate salts are safe in the present practices of use and concentration in cosmetics in this safety assessment when formulated to be non-irritating...Diisobutyl Sodium Sulfosuccinate...	IJT 35(Suppl. 3):34-46, 2016
Diisobutyl Succinate	S		IJT 31(Suppl 1):5-76, 2012

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Diisocetyl Adipate	S		UT 31(Suppl 1):5-76, 2012
Diisocetyl Dodecanedioate	S		UT 31(Suppl 1):5-76, 2012
Diisodecyl Adipate	S		UT 31(Suppl 1):5-76, 2012
Diisononyl Adipate	S		UT 31(Suppl 1):5-76, 2012
Diisooctyl Adipate	S		UT 31(Suppl 1):5-76, 2012
Diisooctyl Sebacate	S		UT 31(Suppl 1):5-76, 2012
Diisopropanolamine	SQ	The Panel concludes that Diisopropanolamine, Triisopropanolamine, Isopropanolamine, and Mixed Isopropanolamines are safe as cosmetic ingredients in the present practices of use and concentration. The isopropanolamines should not be used in products containing N-nitrosating agents.	JACT 6(1):53-76, 1987; UT 25(Suppl. 2) :1-89,2006 JACT 3(3):101-130, 1984; UT 24(Suppl. 1):1-102, 2005; UT 25(Suppl. 2) :1-89,2006; UT 31(Suppl 1):5-76, 2012
Diisopropyl Adipate	S		UT 22(Suppl.2):45-61, 2003
Diisopropyl Dimer Dilinoleate	S		UT 31(Suppl 1):5-76, 2012
Diisopropyl Sebacate	S		
Diisopropylamine	SQ	On the basis of the data presented in this report, the CIR Expert Panel concludes that Diisopropylamine is safe as a cosmetic ingredient as presently used. Diisopropylamine should not be used in products containing N-nitrosating agents.	JACT 14(3):182-192, 1995; UT 30(Suppl. 2):73-127, 2011
Diisostearoyl Polyglyceryl-3 Dimer Dilinoleate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Diisostearoyl Polyglyceryl-3 Dimer Dilinoleate...	Final Report 9/2016 Available from CIR
Diisostearyl Adipate	S		UT 31(Suppl 1):5-76, 2012
Diisostearyl Dimer Dilinoleate	S		UT 22(Suppl.2):45-61, 2003
Diisostearyl Fumarate	S		Final Report 3/2009 Available from CIR
Diisostearyl Glutarate	S		UT 31(Suppl 1):5-76, 2012
Diisostearyl Malate	S		UT 34(Suppl. 1):5-17, 2015
Diisostearyl Sebacate	S		UT 31(Suppl 1):5-76, 2012
Dilauryl Citrate	S		UT 33(Suppl.2):16-46, 2014
Dilauryl Thiodipropionate	SQ	The CIR Expert Panel concludes that Dilauryl Thiodipropionate, Thiodipropionic Acid, Dicycyl Thiodipropionate, Dimyristyl Thiodipropionate, Distearyl Thiodipropionate, and Ditridecyl Thiodipropionate are safe as cosmetic ingredients in the practices of use and concentration given in this safety assessment when formulated to be non-irritating.	JACT 11(1):25-41, 1992; UT 29(Suppl. 3) :137-150,2010
Dilinoleamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Dilinoleamidopropyl Dimethylamine...	UT 38(S1):39-69,2019
Dilinoic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Dilinoic Acid...	Final Report 04/2019 Available from CIR
Dimethicone	S		UT 22(Suppl. 2):11-35, 2003
Dimethicone Copolyol	S		JACT 1(4):35-54, 1982 ;UT 24(Suppl. 1):1-102, 2005
Dimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Dimethicone Crosspolymer-3	S		UT 33(Suppl. 2):65-115, 2014
Dimethicone PEG-10 Phosphate	S		JACT 1(4):35-54, 1982 ;UT 24(Suppl. 1):1-102, 2005
Dimethicone PEG-6 Acetate	S		UT 24(Suppl. 1):1-102, 2005
Dimethicone PEG-7 Phosphate	S		JACT 1(4):35-54, 1982 ;UT 24(Suppl. 1):1-102, 2005
Dimethicone PEG-8 Adipate	S		JACT 1(4):35-54, 1982 ;UT 24(Suppl. 1):1-102, 2005
Dimethicone PEG-8 Benzoate	S		JACT 1(4):35-54, 1982 ;UT 24(Suppl. 1):1-102, 2005
Dimethicone PEG/PPG-12/4 Phosphate	S		JACT 1(4):35-54, 1982 ;UT 24(Suppl. 1):1-102, 2005
Dimethicone PEG/PPG-20/23 Benzoate	S		JACT 1(4):35-54, 1982 ;UT 24(Suppl. 1):1-102, 2005
Dimethicone PEG/PPG-7/4 Phosphate	S		JACT 1(4):35-54, 1982 ;UT 24(Suppl. 1):1-102, 2005
Dimethicone/Bis-Isobutyl PPG-20 Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Dimethicone/Bis-Vinyl Dimethicone/Silsesquioxane Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Dimethicone/Divinyl Dimethicone/Silsesquioxane Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Dimethicone/Lauryl Dimethicone/Bis-Vinyl Dimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Dimethicone/PEG-10 Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Dimethicone/PEG-10/15 Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Dimethicone/PEG-15 Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Dimethicone/PPG-20 Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Dimethicone/Phenyl Vinyl Dimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Dimethicone/Polyglycerin-3 Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Dimethicone/Silsesquioxane Copolymer	S		Final Report 12/2017 Available from CIR
Dimethicone/Titanate Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Dimethicone/Vinyl Dimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Dimethicone/Vinyltrimethylsiloxy silicate Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Dimethiconol	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Arginine	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Beeswax	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Behenate	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Borate	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Candellilate	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Carnaubate	S		UT 36(Suppl. 3):31-50, 2017

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Dimethiconol Cysteine	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Dhupa Butterate	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Hydroxystearate	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Illipe Butterate	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Isostearate	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Kokum Butterate	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Lactate	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Meadowfoamate	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Methionine	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Mohwa Butterate	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Panthenol	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Sal Butterate	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol Stearate	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol/Caprylylsilsesquioxane/Silicate Crosspolymer	S		Final Report 12/2017 Available from CIR
Dimethiconol/Methylsilanol/Silicate Crosspolymer	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol/Silica Crosspolymer	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol/Silsesquioxane Copolymer	S		UT 36(Suppl. 3):31-50, 2017
Dimethiconol/Stearyl Methicone/Phenyl Trimethicone Copolymer	S		UT 36(Suppl. 3):31-50, 2017
Dimethoxysilyl Ethylenediaminopropyl Dimethicone	S		UT 22(Suppl. 2):11-35, 2003
Dimethyl Adipate	S		UT 31(Suppl 1):5-76, 2012
Dimethyl Behenamine	S		Final Report 12/2009 Available from CIR
Dimethyl Carbonate	SQ	The CIR Expert Panel concluded that the following 6 dialkyl carbonates are safe in the present practices of use and concentration, as described in this safety assessment, when formulated to be non-irritating...Dimethyl Carbonate...	Final Report 12/2016 Available from CIR
Dimethyl Cocamine	S		Final Report 12/2009 Available from CIR
Dimethyl Glutarate	S		UT 31(Suppl 1):5-76, 2012
Dimethyl Hydrogenated Tallowamine	S		Final Report 12/2009 Available from CIR
Dimethyl Lauramine	S		JACT 14(6):428-432, 1995; Final Report 12/2009 Available from CIR
Dimethyl Myristamine	S		Final Report 12/2009 Available from CIR
Dimethyl Palmitamine	S		Final Report 12/2009 Available from CIR
Dimethyl Phthalate	S		JACT 4(3):267-303, 1985; UT 24(Suppl. 1):1-102, 2005; UT 36(Suppl 2):14-58, 2017
Dimethyl Soyamine	S		Final Report 12/2009 Available from CIR
Dimethyl Stearamine	S		JACT 14(6):428-432, 1995; Final Report 12/2009 Available from CIR
Dimethyl Succinate	S		UT 31(Suppl 1):5-76, 2012
Dimethyl Tallowamine	S		Final Report 12/2009 Available from CIR
Dimethylacrylamide/Sodium Acryloyldimethyltaurate Crosspolymer	S		Final Report 4/2017 Available from CIR
Dimyristyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Dimyristyl Phosphate...	UT 38(S2):12-32,2019
Dimyristyl Thiodipropionate	SQ	The CIR Expert Panel concludes that Dilauryl Thiodipropionate, Thiodipropionic Acid, Dicytyl Thiodipropionate, Dimyristyl Thiodipropionate, Distearyl Thiodipropionate, and Ditridecyl Thiodipropionate are safe as cosmetic ingredients in the practices of use and concentration given in this safety assessment when formulated to be non-irritating.	UT 29(Suppl. 3):137-150,2010
Diocadecanyl Didecyltetradecanoate	S		Final Report 9/2017 Available from CIR
Diocadecanyl Ditetradecyloctadecanoate	S		Final Report 9/2017 Available from CIR
Diocetyl Adipate	S		JACT 3(3):101-130, 1984; UT 24(Suppl. 1):1-102, 2005; UT 25(Suppl. 2) :1-89,2006; UT 31(Suppl 1):5-76, 2012
Diocetyl Dimer Dilinoleate	S		UT 22(Suppl.2):45-61, 2003
Diocetyl Sodium Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following 8 dialkyl sulfosuccinate salts are safe in the present practices of use and concentration in cosmetics in this safety assessment when formulated to be non-irritating...Diocetyl Sodium Sulfosuccinate...	UT 17(S4):1-20, 1998; UT 35(Suppl. 3):34-46, 2016
Diocetyldodecyl Adipate	S		UT 31(Suppl 1):5-76, 2012
Diocetyldodecyl Dimer Dilinoleate	S		UT 22(Suppl.2):45-61, 2003
Diocetyldodecyl Dodecanedioate	S		UT 31(Suppl 1):5-76, 2012
Diocetyldodecyl Malate	S		UT 34(Suppl. 1):5-17, 2015
Diocetyldodecyl Sebacate	S		UT 31(Suppl 1):5-76, 2012
Dioleyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Dioleyl Phosphate...	UT 38(S2):12-32,2019
Dioleyl Tocopheryl Methylsilanol	S		UT 21(Suppl. 3):51-116, 2002;Final Report 3/2014 Available from CIR
Dioscorea Villosa (Wild Yam) Root Extract	S		Final Report 9/1999 Available from CIR; UT 23 (Suppl.2:49-54,)2004
Dipalmitoyl Cystine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Dipalmitoyl Cystine	UT 36(Suppl. 1):17-56, 2017
Dipentaerythryl Pentaisnonanoate	S		Final Report 3/2015 Available from CIR
Diphenyl Dimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Diphenyl Dimethicone/Vinyl Diphenyl Dimethicone/Silsesquioxane Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Dipotassium Aspartate	S		UT 32(Suppl. 4):41-64, 2013
Dipotassium Azelate	S		UT 31(Suppl 1):5-76, 2012

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Dipotassium Capryloyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Dipotassium Capryloyl Glutamate	IJ 36(Suppl. 1):17-56, 2017
Dipotassium EDTA	S		IJ 21(Suppl.2):95-142, 2002
Dipotassium Glycyrhizate	S		IJ 26(Suppl. 2):79-112, 2007
Dipotassium Phosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Dipotassium Phosphate...	Final Report 9/2016 Available from CIR
Dipotassium Undecylenoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Dipotassium Undecylenoyl Glutamate	IJ 36(Suppl. 1):17-56, 2017
Dipropyl Adipate	S		IJ 31(Suppl 1):5-76, 2012
Dipropyl Carbonate	SQ	The CIR Expert Panel concluded that the following 6 dialkyl carbonates are safe in the present practices of use and concentration, as described in this safety assessment, when formulated to be non-irritating...Dipropyl Carbonate...	Final Report 12/2016 Available from CIR
Dipropylene Glycol	S		JACT 4(5):223-248, 1985; IJ 25(Suppl. 2) :1-89,2006
Disodium Azelate	S		IJ 31(Suppl 1):5-76, 2012
Disodium C12-14 Pareth-1 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium C12-14 Pareth-1 Sulfosuccinate...	IJ 34(Suppl. 2):70-83, 2015
Disodium C12-14 Pareth-2 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium C12-14 Pareth-2 Sulfosuccinate...	IJ 34(Suppl. 2):70-83, 2015
Disodium C12-14 Sec-Pareth-12 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium C12-14 Sec-Pareth-12 Sulfosuccinate...	IJ 34(Suppl. 2):70-83, 2015
Disodium C12-14 Sec-Pareth-3 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium C12-14 Sec-Pareth-3 Sulfosuccinate...	IJ 34(Suppl. 2):70-83, 2015
Disodium C12-14 Sec-Pareth-5 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium C12-14 Sec-Pareth-5 Sulfosuccinate...	IJ 34(Suppl. 2):70-83, 2015
Disodium C12-14 Sec-Pareth-7 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium C12-14 Sec-Pareth-7 Sulfosuccinate...	IJ 34(Suppl. 2):70-83, 2015
Disodium C12-14 Sec-Pareth-9 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium C12-14 Sec-Pareth-9 Sulfosuccinate...	IJ 34(Suppl. 2):70-83, 2015
Disodium C12-15 Pareth Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium C12-15 Pareth Sulfosuccinate...	IJ 34(Suppl. 2):70-83, 2015
Disodium Capryloyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Disodium Capryloyl Glutamate	IJ 36(Suppl. 1):17-56, 2017
Disodium Coceth-3 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium Coceth-3 Sulfosuccinate...	IJ 34(Suppl. 2):70-83, 2015
Disodium Cocamphodiacetate	S		JACT 9(2):121-142, 1990; IJ 27(Suppl. 1):77-142, 2008
Disodium Cocamphodipropionate	S		JACT 9(2):121-142, 1990; IJ 27(Suppl. 1):77-142, 2008
Disodium Cocoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Disodium Cocoyl Glutamate	IJ 36(Suppl. 1):17-56, 2017
Disodium Cupric Citrate	S		IJ 33(Suppl.2):16-46, 2014
Disodium Deceth-5 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium Deceth-5 Sulfosuccinate...	IJ 34(Suppl. 2):70-83, 2015
Disodium Deceth-6 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium Deceth-6 Sulfosuccinate...	IJ 34(Suppl. 2):70-83, 2015
Disodium EDTA	S		IJ 21(Suppl.2):95-142, 2002
Disodium Etidronate	S		Final Report 4/2017 Available from CIR
Disodium Fumarate	S		Final Report 3/2009 Available from CIR
Disodium Glucose Phosphate	I	The Panel also concluded that the available data are insufficient to make a determination that the polyol phosphates listed below are safe under the intended conditions of use in cosmetic formulations. Disodium Glucose Phosphate...	Final Report 10/2018 Available from CIR
Disodium Glycyrhizate	S		IJ 26(Suppl. 2):79-112, 2007
Disodium Hydrogenated Tallow Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Disodium Hydrogenated Tallow Glutamate	IJ 36(Suppl. 1):17-56, 2017

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Ingredient	Finding†	Conclusion	Citation#
Disodium Laneth-5 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium Laneth-5 Sulfosuccinate...	IJT 34(Suppl. 2):70-83, 2015
Disodium Laureth Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium Laureth Sulfosuccinate...	IJT 34(Suppl. 2):70-83, 2015
Disodium Laureth-12 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium Laureth-12 Sulfosuccinate...	IJT 34(Suppl. 2):70-83, 2015
Disodium Laureth-6 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium Laureth-6 Sulfosuccinate...	IJT 34(Suppl. 2):70-83, 2015
Disodium Laureth-9 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium Laureth-9 Sulfosuccinate...	IJT 34(Suppl. 2):70-83, 2015
Disodium Laurinodipropionate	S		IJT 32(Suppl. 3):49-55, 2013
Disodium Lauroyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Disodium Lauroyl Glutamate	IJT 36(Suppl. 1):17-56, 2017
Disodium Lauryl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Disodium Lauryl Phosphate...	IJT 38(52):12-32,2019
Disodium Malyl Tyrosinate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Disodium Malyl Tyrosinate	IJT 36(Suppl. 1):17-56, 2017
Disodium N-Lauroyl Aspartate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Disodium N-Lauroyl Aspartate	IJT 36(Suppl. 1):17-56, 2017
Disodium Oleth-3 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Disodium Oleth-3 Sulfosuccinate...	IJT 34(Suppl. 2):70-83, 2015
Disodium Oleyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Disodium Oleyl Phosphate...	IJT 38(52):12-32,2019
Disodium Phosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Disodium Phosphate...	Final Report 9/2016 Available from CIR
Disodium Pyrophosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Disodium Pyrophosphate...	Final Report 9/2016 Available from CIR
Disodium Sebacate	S		IJT 31(Suppl. 1):5-76, 2012
Disodium Stearoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Disodium Stearoyl Glutamate	IJT 36(Suppl. 1):17-56, 2017
Disodium Succinate	S		IJT 31(Suppl. 1):5-76, 2012
Disodium Succinoyl Glycyrhettinate	S		IJT 26(Suppl. 2):79-112, 2007
Disodium Undecylenoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Disodium Undecylenoyl Glutamate	IJT 36(Suppl. 1):17-56, 2017
Disperse Black 9	S		JACT 5(3):205-223, 1986; IJT 27(Suppl. 1):77-142, 2008
Disperse Blue 1	SQ	Based upon the animal and use data presented in this report, the CIR Expert Panel concludes that Disperse Blue 1 is safe for use in hair dyes at concentrations up to 1%.	JACT 14(6):433-451, 1995; IJT 30(Suppl. 2):73-127, 2011
Disperse Blue 7	Z	The CIR Expert Panel concluded that the available data are insufficient to support the safety of Disperse Blue 7 as a hair dye ingredient in cosmetic formulations.	IJT 26(Suppl. 2):65-77, 2007
Disperse Violet 1	S		JACT 10(1):103-111, 1991; IJT 30(Suppl. 2):73-127, 2011
Disperse Yellow 3	Z	The CIR Panel concludes that the available data are insufficient to support the safety of Disperse Yellow 3 for use in cosmetic products.	JACT 15(4):311-319, 1996
Disteardimonium Hectorite	S		IJT 32(Suppl. 4):33-40, 2013
Distearyl Citrate	S		IJT 33(Suppl.2):16-46, 2014
Distearyl Thiodipropionate	SQ	The CIR Expert Panel concludes that Dilauryl Thiodipropionate, Thiodipropionic Acid, Dicyetyl Thiodipropionate, Dimyristyl Thiodipropionate, Distearyl Thiodipropionate, and Ditridecyl Thiodipropionate are safe as cosmetic ingredients in the practices of use and concentration given in this safety assessment when formulated to be non-irritating.	IJT 29(Suppl. 3):137-150,2010
Ditridecyl Adipate	S		IJT 31(Suppl. 1):5-76, 2012
Ditridecyl Dimer Dilinoleate	S		IJT 22(Suppl.2):45-61, 2003
Ditridecyl Sodium Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following 8 dialkyl sulfosuccinate salts are safe in the present practices of use and concentration in cosmetics in this safety assessment when formulated to be non-irritating...Ditridecyl Sodium Sulfosuccinate...	IJT 35(Suppl. 3):34-46, 2016

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Ingredient	Finding†	Conclusion	Citation‡
Ditridecyl Thioldipropionate	SQ	The CIR Expert Panel concludes that Dilauryl Thioldipropionate, Thiodipropionic Acid, Dicycyl Thioldipropionate, Dimyristyl Thioldipropionate, Distearyl Thioldipropionate, and Ditridecyl Thioldipropionate are safe as cosmetic ingredients in the practices of use and concentration given in this safety assessment when formulated to be non-irritating.	IJT 29(Suppl. 3):137-150, 2010
Divinyldimethicone/Dimethicone Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
Docosahexenoic/Docosapentenoic/Oleic/Palmitic Triglyceride	S		Final Report 12/2017 Available from CIR
Dodecanedioic Acid	S		IJT 31(Suppl 1):5-76, 2012
Dodecylhexadecyltrimonium Chloride	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Dodecylhexadecyltrimonium Chloride...	IJT 31(Suppl. 3):296-341, 2012
Drometrizole	S		JACT 5(5):455-470, 1986; IJT 27(Suppl. 1):63-75, 2008
Durvillea Antarctica Extract	I	The Panel also concluded that the available data are insufficient to support a conclusion of safety for the remaining 14 ingredients are under intended conditions of use in cosmetic formulations	Final Report 9/2019 Available from CIR
EDTA	S		IJT 21(Suppl.2):95-142, 2002
Ecklonia Cava Extract	S		Final Report 09/2019 Available from CIR
Ecklonia Cava Water	S		Final Report 09/2019 Available from CIR
Ecklonia Kurome Extract	I	The Panel also concluded that the available data are insufficient to support a conclusion of safety for the remaining 14 ingredients are under intended conditions of use in cosmetic formulations	Final Report 09/2019 Available from CIR
Ecklonia Kurome Powder	I	The Panel also concluded that the available data are insufficient to support a conclusion of safety for the remaining 14 ingredients are under intended conditions of use in cosmetic formulations	Final Report 09/2019 Available from CIR
Ecklonia Maxima Extract	I	The Panel also concluded that the available data are insufficient to support a conclusion of safety for the remaining 14 ingredients are under intended conditions of use in cosmetic formulations	Final Report 09/2019 Available from CIR
Ecklonia Maxima Powder	I	The Panel also concluded that the available data are insufficient to support a conclusion of safety for the remaining 14 ingredients are under intended conditions of use in cosmetic formulations	Final Report 09/2019 Available from CIR
Ecklonia Radiata Extract	I	The Panel also concluded that the available data are insufficient to support a conclusion of safety for the remaining 14 ingredients are under intended conditions of use in cosmetic formulations	Final Report 09/2019 Available from CIR
Ecklonia/Laminaria Extract	I	The Panel also concluded that the available data are insufficient to support a conclusion of safety for the remaining 14 ingredients are under intended conditions of use in cosmetic formulations	Final Report 09/2019 Available from CIR
Eicosatrienoic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Eicosatrienoic Acid...	Final Report 04/2019 Available from CIR
Eisenia Arborea Extract	S		Final Report 09/2019 Available from CIR
Elaeis (Palm) Fruit Oil	S		IJT 36(Suppl. 3):51-129, 2017
Elaeis Guineensis (Palm) Butter	S		IJT 36(Suppl. 3):51-129, 2017
Elaeis Guineensis (Palm) Kernel Oil	S		IJT 19(S2):7-28, 2000; IJT 36(Suppl. 3):51-129, 2017
Elaeis Guineensis (Palm) Oil	S		IJT 19(S2):7-28, 2000; IJT 36(Suppl. 3):51-129, 2017
Elaeis Oleifera Kernel Oil	S		IJT 36(Suppl. 3):51-129, 2017
Elastin	S		Final Report 9/2017 Available from CIR
Elastin Amino Acids	S		IJT 33(Suppl 4):5-12, 2014
Emulsifying Wax N.F.	S		JACT 3(3):43-99, 1984; IJT 24(Suppl. 1):1-102, 2005
Erucamidopropyl Hydroxysultaine	S		Final Report 06/2018 Available from CIR
Erucic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Erucic Acid...	Final Report 04/2019 Available from CIR
Erucyl Arachidate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Erucyl Erucate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Erucyl Oleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Erythorbic Acid	S		IJT 18(S3):1-26, 1999
Ethanolamine	SQ	The CIR Expert Panel concluded that ethanolamine and the 12 related ethanolamine salts, listed below, are safe in the present practices of use and concentration described in this safety assessment (rinse-off products only) when formulated to be non-irritating. The Panel cautioned that ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Ethanolamine...	JACT 2(7):183-235, 1983; IJT 34(Suppl.2):84-98, 2015

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Ingredient	Finding†	Conclusion	Citation#
Ethanolamine HCl	SQ	The CIR Expert Panel concluded that ethanolamine and the 12 related ethanolamine salts, listed below, are safe in the present practices of use and concentration described in this safety assessment (rinse-off products only) when formulated to be non-irritating. The Panel cautioned that ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Ethanolamine HCl...	IJT 34(Suppl.2):84-98, 2015
Ethanolamine Thioglycolate	SQ	Based on the available data, the CIR Expert Panel concluded that ... Ethanolamine Thioglycolate is safe for use in hair straighteners, permanent waves, tonics, dressings, and so forth, wave sets, other non-coloring hair products, and hair dyes and colors, as described in this safety assessment, at concentrations up to 1.2% (as Thioglycolic Acid). Hairdressers should avoid skin contact and minimize consumer skin exposure.	IJT 28(Suppl. 1):68-133, 2009
Ethoxy Ethyl Methacrylate	SQ	Based on the available data, the CIR Expert Panel concluded that ... Ethoxy Ethyl Methacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IJT 24(Suppl 5):53-100, 2005
Ethoxydiglycol	S		JACT 4(5):223-248, 1985; IJT 25(Suppl. 2) :1-89,2006
Ethoxyethanol	U	On the basis of the animal and clinical data included in this report, the CIR Expert Panel concludes that Ethoxyethanol and Ethoxyethanol Acetate are unsafe for use in cosmetic products.	IJT 18(S2):53-67, 1999; IJT 21(Suppl 1):9-62, 2002
Ethoxyethanol Acetate	U	On the basis of the animal and clinical data included in this report, the CIR Expert Panel concludes that Ethoxyethanol and Ethoxyethanol Acetate are unsafe for use in cosmetic products.	IJT 18(S2):53-67, 1999; IJT 21(Suppl 1):9-62, 2002
Ethoxyethyl Methacrylate	SQ	Based on available data, the CIR Expert Panel concluded that ... Ethoxyethyl Methacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IJT 24(Suppl 5):53-100, 2005
Ethyl Acetate	S		JACT 8(4):681-705, 1989; IJT 27(Suppl. 1):77-142, 2008
Ethyl Benzoate	S		IJT 31(Suppl.3):342-372, 2012
Ethyl Citrates	S		IJT 33(Suppl.2):16-46, 2014
Ethyl Ester of PVM/MA Copolymer	S		IJT 30(Suppl. 2):128-144, 2011
Ethyl Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...Ethyl Glucoside...	IJT 32(Suppl. 3):22-48, 2013
Ethyl Glycolate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Ethyl Glycolate...	IJT 17(S1):1-241, 1998; IJT 36(Suppl 2):14-58, 2017
Ethyl Hexanediol	S		JACT 13(6):418-436, 1994; IJT 30(Suppl. 2):73-127, 2011
Ethyl Lactate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Ethyl Lactate...	IJT 17(S1):1-241, 1998; IJT 36(Suppl 2):14-58, 2017
Ethyl Methacrylate	SQ	Based on the available data on the formulation of nail products containing Ethyl Methacrylate, the CIR Expert Panel concludes that this ingredient is safe as used when application is accompanied by directions to avoid skin contact because of the sensitizing potential of Ethyl Methacrylate.	JACT 14(6):452-467, 1995; IJT 21(Suppl 1):63-79, 2002
Ethyl Myristate	S		IJT 29(Suppl. 3):162-186,2010
Ethyl Pelargonate	S		Final Report 3/2015 Available from CIR
Ethyl Polysilsesquioxane	S		Final Report 12/2017 Available from CIR
Ethyl Ricinoleate	S		IJT 26(Suppl. 3):31-77, 2007
Ethyl Thioglycolate	SQ	Based on the available data, the CIR Expert Panel concluded that ... Ethyl Thioglycolate is safe for use in hair straighteners, permanent waves, tonics, dressings, and so forth, wave sets, other non-coloring hair products, and hair dyes and colors, as described in this safety assessment, at concentrations up to 1.2% (as Thioglycolic Acid). Hairdressers should avoid skin contact and minimize consumer skin exposure.	IJT 28(Suppl. 1):68-133, 2009
Ethylcellulose	S		Final Report 3/2009 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Ethylene Glycol Dimethacrylate	SQ	Based on available data, the CIR Expert Panel concluded that ...Ethylene Glycol Dimethacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IJT 24(Suppl 5):53-100, 2005
Ethylene/Acrylic Acid Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Ethylene/Acrylic Acid Copolymer...	Final Report 12/2018 Available from CIR
Ethylene/Acrylic Acid/VA Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Ethylene/Acrylic Acid/VA Copolymer...	Final Report 12/2018 Available from CIR
Ethylene/Calcium Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Ethylene/Calcium Acrylate Copolymer...	Final Report 12/2018 Available from CIR
Ethylene/Magnesium Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Ethylene/Magnesium Acrylate Copolymer...	Final Report 12/2018 Available from CIR
Ethylene/Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Ethylene/Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Ethylene/Octene Copolymer	S		IJT 39(S2):59-90,2020
Ethylene/Propylene Copolymer	S		IJT 39(S2):59-90,2020
Ethylene/Propylene/Styrene Copolymer	S		Final Report 9/2014 Available from CIR
Ethylene/Sodium Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Ethylene/Sodium Acrylate Copolymer...	Final Report 12/2018 Available from CIR
Ethylene/Zinc Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Ethylene/Zinc Acrylate Copolymer...	Final Report 12/2018 Available from CIR
Ethylhexyl Acrylate/Methoxy PEG-23 Methacrylate/Vinyl Acetate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Ethylhexyl Acrylate/Methoxy PEG-23 Methacrylate/Vinyl Acetate Copolymer...	Final Report 12/2018 Available from CIR
Ethylhexyl Acrylate/Methyl Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Ethylhexyl Acrylate/Methyl Methacrylate Copolymer...	Final Report 12/2018 Available from CIR
Ethylhexyl Acrylate/VP/Dimethicone Methacrylate Copolymer	S		Final Report 12/2018 Available from CIR
Ethylhexyl Adipate/Palmitate/Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Ethylhexyl Benzoate	S		IJT 31(Suppl.3):342-372, 2012
Ethylhexyl C10-40 Isoalkyl Acidate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Ethylhexyl Cocoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 30(Suppl. 1):5-16, 2011; IJT 34(Suppl.2):5-69, 2015
Ethylhexyl Ethylhexanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Ethylhexyl Ethylhexanoate...	IJT 34(Suppl.3):61-73, 2015
Ethylhexyl Hydroxystearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Ethylhexyl Isononanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Ethylhexyl Isopalmitate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Ethylhexyl Isostearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Ethylhexyl Laurate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Ethylhexyl Methacrylate/Methyl Methacrylate/VP Copolymer	S		Final Report 12/2018 Available from CIR
Ethylhexyl Myristate	S		IJT 29(Suppl. 3):162-186,2010; IJT 34(Suppl.2):5-69, 2015

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Ethylhexyl Neopentanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Ethylhexyl Oleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Ethylhexyl Oliviate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Ethylhexyl Palmitate	S		JACT 1(2):13-35, 1982; IJT 24(Suppl. 1):1-102, 2005; IJT 34(Suppl.2):5-69, 2015
Ethylhexyl Pelargonate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 30(Suppl. 3):228-269, 2011; IJT 34(Suppl.2):5-69, 2015
Ethylhexyl Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...Ethylhexyl Salicylate...	Final Report 04/2019 Available from CIR
Ethylhexyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	JACT 4(5):107-146, 1985; IJT 24(Suppl. 1):1-102, 2005; IJT 34(Suppl.2):5-69, 2015
Ethylhexylglycerin	S		IJT 32(Suppl. 3):5-21, 2013
Ethylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...Ehtylparaben...	JACT 3(5):147-209, 1984; Å IJT 27 (Suppl. 4):1-82, 2008;Final Report 09/2019 Available from CIR
Etidronic Acid	S		Final Report 4/2017 Available from CIR
Eucalyptus Globulus Leaf	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing:Eucalyptus Globulus Leaf...	Final Report 09/2018 available from CIR
Eucalyptus Globulus Leaf Extract	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Eucalyptus Globulus Leaf Extract...	Final Report 09/2018 available from CIR
Eucalyptus Globulus Leaf Oil	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Eucalyptus Globulus Leaf Oil...	Final Report 09/2018 available from CIR
Eucalyptus Globulus Leaf Powder	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Eucalyptus Globulus Leaf Powder...	Final Report 09/2018 available from CIR
Eucalyptus Globulus Leaf Water	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Eucalyptus Globulus Leaf Water...	Final Report 09/2018 available from CIR
Eucalyptus Globulus Leaf/Twig Oil	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Eucalyptus Globulus Leaf/Twig Oil...	Final Report 09/2018 available from CIR
Euterpe Oleracea Fruit Oil	S		IJT 36(Suppl. 3):51-129, 2017
Euterpe Oleracea Sterols	S		Final Report 12/2013 Available from CIR
Ferric Citrate	S		IJT 33(Suppl.2):16-46, 2014
Ferrous Fumarate	S		Final Report 3/2009 Available from CIR
Fibroin	S		IJT 39(S3):127-144,2020
Fibronectin	S		Final Report 9/2017 Available from CIR
Formaldehyde	S;SQ;U	The CIR Expert Panel concluded that formaldehyde and methylene glycol are safe for use in cosmetics when formulated to ensure use at the minimal effective concentration, but in no case should the formalin concentration exceed 0.2% (w/w), which would be 0.074% (w/w) calculated as formaldehyde or 0.118% (w/w) calculated as methylene glycol. Additionally, formaldehyde and methylene glycol are safe in the present practices of use and concentration in nail hardening products. However, formaldehyde and methylene glycol are unsafe in the present practices of use and concentration in hair smoothing products (a.k.a. hair straightening products). Formalin is an aqueous solution wherein formaldehyde (gas) has been added to water to a saturation point, which is typically 37% formaldehyde (w/w). Because of the equilibrium between formaldehyde and methylene glycol in aqueous solution, formalin is composed of both formaldehyde and methylene glycol.	JACT 3(3):157-184, 1984; IJT 25(Suppl. 2) :1-89,2006; IJT 32(Suppl. 4):5-32, 2013
Formic Acid	SQ	The CIR Expert Panel concluded that formic acid and sodium formate are safe in the present practices of use and concentration in cosmetics, as described in this safety assessment, when formulated to be non-irritating.	IJT 16(Suppl.3):221-234, 1997; IJT 35(Suppl. 2):41-54, 2016
Fragaria Ananassa (Strawberry) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Fragaria Chiloensis (Strawberry) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Fragaria Vesca (Strawberry) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Fragaria Virginiana (Strawberry) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Fructose	S		IJT 38(S1):5-38,2019

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Ingredient	Finding†	Conclusion	Citation‡
Fucose	S		IJT 38(S1):5-38,2019
Fucus Serratus Extract	S		Final Report 09/2019 Available from CIR
Fucus Spiralis Extract	S		Final Report 09/2019 Available from CIR
Fucus Vesiculosus	S		Final Report 09/2019 Available from CIR
Fucus Vesiculosus Extract	S		Final Report 09/2019 Available from CIR
Fucus Vesiculosus Powder	S		Final Report 09/2019 Available from CIR
Fuller's Earth	S		IJT 22(Suppl. 1):37-102, 2003
Fumaric Acid	S		Final Report 3/2009 Available from CIR
Galactoarabinan	S		Final Report 9/2015 Available from CIR
Galactose	S		IJT 38(S1):5-38,2019
Galactosyl Fructose	S		IJT 38(S1):5-38,2019
Galacturonic Acid	S		IJT 38(S1):5-38,2019
Garcinia Indica Seed Butter	S		IJT 36(Suppl. 3):51-129, 2017
Garcinia Mangostana Amino Acids	S		IJT 33(Suppl 4):5-12, 2014
Gelatin	S		Final Report 9/2017 Available from CIR
Gellan Gum	S		IJT 35(Suppl. 1):5-49, 2016
Gevuina Avellana Oil	S		IJT 36(Suppl. 3):51-129, 2017
Gevuina Avellana Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Ghatti Gum	S		Final Report 9/2015 Available from CIR
Ginkgo Biflavones	I	The Panel also concluded that the available data are insufficient to make a determination that the following Ginkgo biloba-derived ingredients are safe under the intended conditions of use in cosmetic formulations: Ginkgo Biflavones...	Final Report 10/2018 available from CIR
Ginkgo Biloba Leaf	SQ	The CIR Expert Panel concluded that the following Ginkgo biloba-derived ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing: ... Ginkgo Biloba Leaf...	Final Report 10/2018 available from CIR
Ginkgo Biloba Leaf Cell Extract	SQ	The CIR Expert Panel concluded that the following Ginkgo biloba-derived ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing: ... Ginkgo Biloba Leaf Cell Extract...	Final Report 10/2018 available from CIR
Ginkgo Biloba Leaf Extract	SQ	The CIR Expert Panel concluded that the following Ginkgo biloba-derived ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing:..Ginkgo Biloba Leaf Extract...	Final Report 10/2018 available from CIR
Ginkgo Biloba Leaf Powder	SQ	The CIR Expert Panel concluded that the following Ginkgo biloba-derived ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing: ... Ginkgo Biloba Leaf Powder...	Final Report 10/2018 available from CIR
Ginkgo Biloba Leaf Water	SQ	The CIR Expert Panel concluded that the following Ginkgo biloba-derived ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing: Ginkgo Biloba Leaf Watter...	Final Report 10/2018 available from CIR
Ginkgo Biloba Meristem Cell	I	The Panel also concluded that the available data are insufficient to make a determination that the following Ginkgo bilobaderived ingredients are safe under the intended conditions of use in cosmetic formulations: ...Ginkgo Biloba Meristem Cell...	Final Report 10/2018 available from CIR
Ginkgo Biloba Nut Extract	I	The Panel also concluded that the available data are insufficient to make a determination that the following Ginkgo bilobaderived ingredients are safe under the intended conditions of use in cosmetic formulations: ...Ginkgo Biloba Nut Extract...	Final Report 10/2018 available from CIR
Ginkgo Biloba Root Extract	I	The Panel also concluded that the available data are insufficient to make a determination that the following Ginkgo bilobaderived ingredients are safe under the intended conditions of use in cosmetic formulations: ...Ginkgo Biloba Root Extract...	Final Report 10/2018 available from CIR
Ginkgo Leaf Terpenoids	I	The Panel also concluded that the available data are insufficient to make a determination that the following Ginkgo bilobaderived ingredients are safe under the intended conditions of use in cosmetic formulations: ...Ginkgo Leaf Terpenoids	Final Report 10/2018 available from CIR
Glucmannan	S		Final Report 9/2015 Available from CIR
Gluconic Acid	S		IJT 38(S1):5-38,2019
Glucose	S		IJT 38(S1):5-38,2019
Glucose Glutamate	Z	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Glucose Glutamate for use in cosmetic products.	IJT 19(S1):11-12, 2000
Glucose Pentaacetate	S		Final Report 9/2008 Available from CIR;Final Report 12/2016 Available from CIR
Glutamic Acid	S		IJT 32(Suppl. 4):41-64, 2013
Glutamine	S		IJT 32(Suppl. 4):41-64, 2013
Glutaral	SQ	Based upon the animal and clinical data presented in this report, the CIR Expert Panel concludes that Glutaral is safe for use at concentrations up to 0.5% in rinse-off products. There is insufficient data to determine the safety of Glutaral in leave-on products. Glutaral should not be used in aerosolized products.	JACT 15(2):98-139, 1996; IJT 36(Suppl 2):14-58, 2017
Glutaric Acid	S		IJT 31(Suppl 1):5-76, 2012
Glycereth-7 Diisononanoate	S		Final Report 3/2015 Available from CIR
Glycerin	S		IJT 38(S3):6-22,2019
Glyceryl Acetate	S		IJT 39(S3):93-126,2020
Glyceryl Adipate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Alginate	S		Final Report 5/2000 Available from CIR;IJT 23 (Suppl. 2:55-94,)2004;Final Report 9/2015 Available from CIR
Glyceryl Allyl Ether	S		IJT 32(Suppl. 3):5-21, 2013

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Glyceryl Arachidate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Arachidonate	UNS	The Panel also concludes that the available data are insufficient to support the safety of Glyceryl Arachidonate in cosmetic formulations.	Final Report 5/2000 Available from CIR;IJT 23 (Suppl. 2:55-94,)2004
Glyceryl Behenate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Caprate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Caprylate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Caprylate/Caprate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Citrate/Lactate/Linoleate/Oleate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Cocoate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Cocoate/Citrate/Lactate	S		IJT 39(S3):93-126,2020
Glyceryl Collagenate	S		Final Report 5/2000 Available from CIR;IJT 23 (Suppl. 2:55-94,)2004
Glyceryl Di-Hydroxystearate	SQ	The Expert Panel concluded that Á ... Glyceryl Di-Hydroxystearate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;IJT 26(Suppl. 3):1-30, 2007
Glyceryl Diarachidate	SQ	The Expert Panel concluded that ...Á Glyceryl Diarachidate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;IJT 26(Suppl. 3):1-30, 2007
Glyceryl Dibehenate	SQ	The Expert Panel concluded that Á ... Glyceryl Dibehenate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;IJT 26(Suppl. 3):1-30, 2007
Glyceryl Dierucate	SQ	The Expert Panel concluded that Á ... Glyceryl Dierucate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;IJT 26(Suppl. 3):1-30, 2007
Glyceryl Dihydroxystearate	SQ	The Expert Panel concluded that Á ... Glyceryl Dihydroxystearate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;IJT 26(Suppl. 3):1-30, 2007
Glyceryl Diisopalmitate	SQ	The Expert Panel concluded that Á ... Glyceryl Diisopalmitate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;IJT 26(Suppl. 3):1-30, 2007
Glyceryl Diisostearate	SQ	The Expert Panel concluded that Á ... Glyceryl Diisostearate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;IJT 26(Suppl. 3):1-30, 2007
Glyceryl Dilaurate	SQ	The Expert Panel concluded that Á ... Glyceryl Dilaurate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;IJT 26(Suppl. 3):1-30, 2007
Glyceryl Dilinoleate	SQ	The Expert Panel concluded that Á ... Glyceryl Dilinoleate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;IJT 26(Suppl. 3):1-30, 2007
Glyceryl Dimaltodextrin	S		Final Report 9/2015 Available from CIR
Glyceryl Dimyristate	S		Final Report 6/2002 Available from CIR;IJT 26(Suppl. 3):1-30, 2007;IJT 29(Suppl. 3):162-186,2010
Glyceryl Dioleate	SQ	The Expert Panel concluded that Á ... Glyceryl Dioleate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;IJT 26(Suppl. 3):1-30, 2007
Glyceryl Dipalmitate	SQ	The Expert Panel concluded that Á ... Glyceryl Dipalmitate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;IJT 26(Suppl. 3):1-30, 2007
Glyceryl Dipalmitoleate	SQ	The Expert Panel concluded that Á ... Glyceryl Dipalmitoleate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;IJT 26(Suppl. 3):1-30, 2007
Glyceryl Diricinoleate	SQ	The Expert Panel concluded that Á ... Glyceryl Diricinoleate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	IJT 26(Suppl. 3):1-30, 2007
Glyceryl Distearate	SQ	The Expert Panel concluded that Á ... Glyceryl Dioleate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;IJT 26(Suppl. 3):1-30, 2007
Glyceryl Erucate	S		;IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Ethylhexanoate	S		IJT 39(S3):93-126,2020
Glyceryl Ethylhexanoate/Stearate/Adipate	S		IJT 39(S3):93-126,2020
Glyceryl Glycyrhettinate	S		IJT 26(Suppl. 2):79-112, 2007

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Ingredient	Finding†	Conclusion	Citation‡
Glyceryl Heptanoate	S		IJT 39(S3):93-126,2020
Glyceryl Hydrogenated Rapeseedate	S		IJT 39(S3):93-126,2020
Glyceryl Hydrogenated Rosinate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Hydrogenated Soyate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Hydroxystearate	S		FIJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Isopalmitate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Isostearate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Isostearate/Myristate	S		Final Report 5/2000 Available from CIR;IJT 23 (Suppl. 2):55-94,2004;IJT 29(Suppl. 3):162-186,2010
Glyceryl Isostearates	S		Final Report 5/2000 Available from CIR;IJT 23 (Suppl. 2:55-94,)2004
Glyceryl Isotridecanoate/Stearate/Adipate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Lanolate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Laurate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Laurate SE	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Laurate/Oleate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Lauryl Ether	S		IJT 32(Suppl. 3):5-21, 2013
Glyceryl Linoleate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Linolenate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Montanate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Myristate	S		Final Report 5/2000 Available from CIR;IJT 23 (Suppl. 2):55-94,2004;IJT 29(Suppl. 3):162-186,2010
Glyceryl Oleate	S		JACT 5(5):391-413, 1986;IJT 39(S3):93-126,2020
Glyceryl Oleate SE	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Oleate/Elaidate	S		IJT 39(S3):93-126,2020
Glyceryl Oliviate	S		IJT 39(S3):93-126,2020
Glyceryl Palmitate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Palmitate Lactate	SQ	The Expert Panel concluded that Å ... Glyceryl Dioleate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;IJT 26(Suppl. 3):1-30, 2007
Glyceryl Palmitate/Stearate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Palmitoleate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Pentadecanoate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Polyacrylate	S		Final Report 5/2000 Available from CIR;IJT 23 (Suppl. 2:55-94,)2004
Glyceryl Ricinoleate	S		JACT 7(6):721-739, 1988;IJT 26(Suppl. 3):31-77, 2007;IJT 39(S3):93-126,2020
Glyceryl Ricinoleate SE	S		IJT 26(Suppl. 3):31-77, 2007;IJT 39(S3):93-126,2020
Glyceryl Rosinate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Sesquioleate	S		Final Report 5/2000 Available from CIR;IJT 23 (Suppl. 2:55-94,)2004
Glyceryl Starch	S		Final Report 9/2015 Available from CIR
Glyceryl Stearate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Stearate Citrate	SQ	The Expert Panel concluded that Å ... Glyceryl Stearate Citrate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;IJT 26(Suppl. 3):1-30, 2007
Glyceryl Stearate Diacetate	S		IJT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Glyceryl Stearate Lactate	SQ	The Expert Panel concluded that Å ... Glyceryl Stearate Lactate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;IJT 26(Suppl. 3):1-30, 2007
Glyceryl Stearate SE	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Stearate Succinate	SQ	The Expert Panel concluded that Å ... Glyceryl Stearate Succinate is safe as cosmetic ingredients in the practices of use and concentrations as described in this safety assessment provided that the content of 1,2-diesters is not high enough to induce epidermal hyperplasia.	Final Report 6/2002 Available from CIR;IJT 26(Suppl. 3):1-30, 2007
Glyceryl Stearate/Acetate	S		Final Report 5/2000 Available from CIR;IJT 23 (Suppl. 2:55-94,)2004
Glyceryl Stearate/Malate	S		IJT 39(S3):93-126,2020
Glyceryl Stearate/Maleate	S		5/19/2000 FR; IJT 23 (Suppl. 2:55-94,)2004
Glyceryl Tallowate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020
Glyceryl Thioglycolate	SQ	Based on the available data, the CIR Expert Panel concluded that ... Glyceryl Thioglycolate is safe for use in hair straighteners, permanent waves, tonics, dressings, and so forth, wave sets, other non-coloring hair products, and hair dyes and colors, as described in this safety assessment, at concentrations up to 1.2% (as Thioglycolic Acid). Hairdressers should avoid skin contact and minimize consumer skin exposure.	JACT 10(1):135-192, 1991; IJT 28(Suppl. 1):68-133, 2009
Glyceryl Thiopropionate	S		Final Report 5/2000 Available from CIR;IJT 23 (Suppl. 2:55-94,)2004
Glyceryl Tri-Hydrogenated Rosinate	S		Final Report 12/2017 Available from CIR
Glyceryl Triacetyl Hydroxystearate	S		IJT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Glyceryl Triacetyl Ricinoleate	S		IJT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Glyceryl Tripalmitate/Palm Kernelate/Oliviate/Macadamiate/Rapeseedate	S		Final Report 12/2017 Available from CIR
Glyceryl Undecylenate	S		IJT 23 (Suppl. 2:55-94,)2004;IJT 39(S3):93-126,2020

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Ingredient	Finding†	Conclusion	Citation#	
Glyceryl/Polyglyceryl-6 Isostearate/Behenate Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Glyceryl/Polyglyceryl-6 Isostearate/Behenate Esters...	Final Report 9/2016 Available from CIR	
Glyceryl/Sorbitol Oleate/Hydroxystearate	S		Final Report 5/2000 Available from CIR;IJT 23 (Suppl. 2:55-94,)2004	
Glycine	S		IJT 32(Suppl. 4):41-64, 2013	
Glycine Max (Soybean) Polypeptide	S		Final Report 9/2015 Available from CIR	
Glycine Soja (Soybean) Oil	S		IJT 36(Suppl. 3):51-129, 2017	
Glycine Soja (Soybean) Oil Unsaponifiables	S		IJT 36(Suppl. 3):51-129, 2017	
Glycine Soja (Soybean) Peptide	S		Final Report 9/2015 Available from CIR	
Glycine Soja (Soybean) Protein	S		Final Report 9/2015 Available from CIR	
Glycine Soja (Soybean) Sterols	S		Final Report 12/2013 Available from CIR	
Glycol Dibehenate	S		Final Report 9/2017 Available from CIR	
Glycol Diethylhexanoate	S		Final Report 9/2017 Available from CIR	
Glycol Dilaurate	S		Final Report 9/2017 Available from CIR	
Glycol Dimethacrylate Crosspolymer	SQ		The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Glycol Dimethacrylate Crosspolymer...	Final Report 12/2018 Available from CIR
Glycol Dimethacrylate/Vinyl Alcohol Crosspolymer	SQ		The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Glycol Dimethacrylate/Vinyl Alcohol Crosspolymer...	Final Report 12/2018 Available from CIR
Glycol Dioleate	S		Final Report 9/2017 Available from CIR	
Glycol Dipalmitate/Palm Kernelate/Olivate/Macadamiate	S	Final Report 9/2017 Available from CIR		
Glycol Dipalmitate/Rapeseedate/Soyate	S	Final Report 9/2017 Available from CIR		
Glycol Dipivalate	S	Final Report 9/2017 Available from CIR		
Glycol Distearate	S	JACT 1(2):1-11, 1982;IJT 22(Suppl. 1):1-35, 2003;Final Report 9/2017 Available from CIR		
Glycol Ditallowate	S	Final Report 9/2017 Available from CIR		
Glycol Ricinoleate	S	IJT 26(Suppl. 3):31-77, 2007		
Glycol Stearate	S	JACT 1(2):1-11, 1982; IJT 22(Suppl. 1):1-35, 2003		
Glycol Stearate SE	S	JACT 1(2):1-11, 1982; IJT 22(Suppl. 1):1-35, 2003		
Glycolic Acid	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Glycolic Acid...	IJT 17(S1):1-241, 1998; IJT 36(Suppl 2):14-58, 2017	
Glycyrrhetic Acid	S		IJT 26(Suppl. 2):79-112, 2007	
Glycyrrhethinyl Stearate	S		IJT 26(Suppl. 2):79-112, 2007	
Glycyrrhiza Glabra (Licorice)	S		Final Report 9/2008 Available from CIR	
Glycyrrhiza Glabra (Licorice) Leaf Extract	S		Final Report 9/2008 Available from CIR	
Glycyrrhiza Glabra (Licorice) Root	S		Final Report 9/2008 Available from CIR	
Glycyrrhiza Glabra (Licorice) Root Extract	S		Final Report 9/2008 Available from CIR	
Glycyrrhiza Glabra (Licorice) Root Juice	S		Final Report 9/2008 Available from CIR	
Glycyrrhiza Glabra (Licorice) Root Powder	S		Final Report 9/2008 Available from CIR	
Glycyrrhiza Glabra (Licorice) Root Water	S		Final Report 9/2008 Available from CIR	
Glycyrrhiza Inflata Root Extract	S		Final Report 9/2008 Available from CIR	
Glycyrrhiza Uralensis (Licorice) Root Extract	S		Final Report 9/2008 Available from CIR	
Glycyrrhizic Acid	S		IJT 26(Suppl. 2):79-112, 2007	
Glyoxal	SQ		Based on the available data, the CIR Panel concludes that Glyoxal is safe for use in products intended to be applied to the nail at concentrations ≤1.25%. The available data are insufficient to support the safety for other uses.	JACT 14(5):348-363, 1995; IJT 19(S1):13-27, 2000
Gossypium Herbaceum (Cotton) Seed Oil	S		IJT 20(S2):21-29, 2001;IJT 36(Suppl. 3):51-129, 2017	
Grape Seed Oil PEG-8 Esters	SQ		The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Grape Seed Oil PEG-8 Esters...	IJT 33(Suppl 4):13-39, 2014
Grapefruit Seed Oil Unsaponifiables	S			IJT 36(Suppl. 3):51-129, 2017
Guar Hydroxypropyltrimonium Chloride	S	IJT 34(Suppl. 1):35-65, 2015		
Guizotia Abyssinica Seed Oil	S	IJT 36(Suppl. 3):51-129, 2017		
HC Blue No. 1	U	On the basis of the available data included in this report, the Expert Panel concludes that HC Blue No. 1 is unsafe for use in cosmetic formulations.		JACT 13(5):344-360, 1994
HC Blue No. 2	S	JACT 13(5):361-373, 1994; IJT 30(Suppl. 2):73-127, 2011		
HC Orange No. 1	SQ	On the basis of the animal and clinical data included in this report, the CIR Expert Panel concludes that HC Orange No. 1 is safe for use in hair dye formulations at concentrations up to 3.0%.	IJT 17(S4):21-37, 1998; IJT 36(Suppl 2):14-58, 2017	

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Ingredient	Finding†	Conclusion	Citation‡
HC Red No. 1	SQ	On the basis of the animal and clinical data included in this report, the CIR Expert Panel concludes that HC Red No. 1 is safe as used in hair dye formulations at concentrations of ≤ 0.5%. The CIR Expert Panel re-affirmed the above conclusion June 2011.	JACT 15(4):320-336, 1996; IJT 36(Suppl 2):14-58, 2017
HC Red No. 3	SQ	On the basis of the available data presented in this report, the CIR Expert Panel concludes that HC Red No. 3 is safe as a "coal tar" hair dye ingredient at the current concentrations of use, with the condition that it should not be used in products containing N-nitrosating agents.	JACT 11(4):509-519, 1992; IJT 30(Suppl. 2):73-127, 2011
HC Red No. 7	S		IJT 27(Suppl. 1):45-54, 2008
HC Yellow No. 2	SQ	The CIR Expert Panel concludes that HC Yellow No. 2 is safe for use in hair dyes at concentrations up to 3%. The limitation on the concentration is based upon the available clinical sensitization data.	JACT 13(3):157-166, 1994; IJT 30(Suppl. 2):73-127, 2011
HC Yellow No. 4	S		IJT 17(S4):39-70, 1998; IJT 36(Suppl 2):14-58, 2017
HC Yellow No. 5	S		IJT 26(Suppl. 2):113-124, 2007
HDI/DI-C12-14 Alkyl Tartrate/Hydrogenated Dilinoleyl Alcohol Copolymer	S		Final Report 06/2016 available from CIR
HDI/PEI-45/SMDI Crosspolymer	S		Final Report 06/2016 available from CIR
HDI/PPG/Polycaprolactone Crosspolymer	S		Final Report 06/2016 available from CIR
HDI/Trimethylol Hexylactone Crosspolymer	S		Final Report 06/2016 available from CIR
HEA/Sodium Acryloyldimethyltaurate/Stearth-20 Methacrylate Copolymer	S		Final Report 4/2017 Available from CIR
HEDTA	S		IJT 21(Suppl.2):95-142, 2002
HEMA	SQ	Based on available data, the CIR Expert Panel concluded that...HEMA is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IJT 24(Suppl 5):53-100, 2005
Hair Keratin Amino Acids	S		IJT 33(Suppl 4):5-12, 2014
Halidrys Siliquosa Extract	S		Final Report 09/2019 Available from CIR
Halopteris Scoparia Extract	S		Final Report 09/2019 Available from CIR
Hamamelis Virginiana (Witch Hazel) Bark/Leaf Extract	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and non-sensitizing...Hamamelis Virginiana (Witch Hazel) Bark/Leaf Extract...	Final Report 06/2018 available from CIR
Hamamelis Virginiana (Witch Hazel) Bark/Leaf/Twig Extract	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and non-sensitizing...Hamamelis Virginiana (Witch Hazel) Bark/Leaf/Twig Extract...	Final Report 06/2018 available from CIR
Hamamelis Virginiana (Witch Hazel) Bark/Twig Extract	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and non-sensitizing...Hamamelis Virginiana (Witch Hazel) Bark/Twig Extract...	Final Report 06/2018 available from CIR
Hamamelis Virginiana (Witch Hazel) Extract	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and non-sensitizing...Hamamelis Virginiana (Witch Hazel) Extract...	Final Report 06/2018 available from CIR
Hamamelis Virginiana (Witch Hazel) Flower Water	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and non-sensitizing...Hamamelis Virginiana (Witch Hazel) Flower Water...	Final Report 06/2018 available from CIR
Hamamelis Virginiana (Witch Hazel) Leaf Extract	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and non-sensitizing...Hamamelis Virginiana (Witch Hazel) Leaf Extract...	Final Report 06/2018 available from CIR
Hamamelis Virginiana (Witch Hazel) Leaf Water	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and non-sensitizing...Hamamelis Virginiana (Witch Hazel) Leaf Water...	Final Report 06/2018 available from CIR
Hamamelis Virginiana (Witch Hazel) Water	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and non-sensitizing...Hamamelis Virginiana (Witch Hazel) Water...	Final Report 06/2018 available from CIR
Hazel (Corylus Americana) Extract	Z	The CIR Panel concludes that the available data are insufficient to support the safety of Hazel (Corylus Avellana) Nut Oil, Hazel (Corylus Americana) Nut Oil, Hazel (Corylus Avellana) Nut Extract, Hazel (Corylus Americana) Nut Extract, Hazel (Corylus Rostrata) Nut Extract, Hazel (Corylus Avellana) Extract, Hazel (Corylus Americana) Extract, and Hazel (Corylus Rostrata) Extract for use in cosmetic products.	IJT 20(S1):15-20, 2001
Hazel (Corylus Americana) Nut Extract	Z	The CIR Panel concludes that the available data are insufficient to support the safety of Hazel (Corylus Avellana) Nut Oil, Hazel (Corylus Americana) Nut Oil, Hazel (Corylus Avellana) Nut Extract, Hazel (Corylus Americana) Nut Extract, Hazel (Corylus Rostrata) Nut Extract, Hazel (Corylus Avellana) Extract, Hazel (Corylus Americana) Extract, and Hazel (Corylus Rostrata) Extract for use in cosmetic products.	IJT 20(S1):15-20, 2001

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Ingredient	Finding†	Conclusion	Citation#
Hazel (Corylus Avellana) Extract	Z	The CIR Panel concludes that the available data are insufficient to support the safety of Hazel (Corylus Avellana) Nut Oil, Hazel (Corylus Americana) Nut Oil, Hazel (Corylus Avellana) Nut Extract, Hazel (Corylus Americana) Nut Extract, Hazel (Corylus Rostrata) Nut Extract, Hazel (Corylus Avellana) Extract, Hazel (Corylus Americana) Extract, and Hazel (Corylus Rostrata) Extract for use in cosmetic products.	IJT 20(S1):15-20, 2001
Hazel (Corylus Avellana) Nut Extract	Z	The CIR Panel concludes that the available data are insufficient to support the safety of Hazel (Corylus Avellana) Nut Oil, Hazel (Corylus Americana) Nut Oil, Hazel (Corylus Avellana) Nut Extract, Hazel (Corylus Americana) Nut Extract, Hazel (Corylus Rostrata) Nut Extract, Hazel (Corylus Avellana) Extract, Hazel (Corylus Americana) Extract, and Hazel (Corylus Rostrata) Extract for use in cosmetic products.	IJT 20(S1):15-20, 2001
Hazel (Corylus Avellana) Nut Oil	Z	safe in the present practices of use and concentration described in this safety assessment	IJT 20(S1):15-20, 2001; IJT 36(Suppl. 3):51-129, 2017
Hazel (Corylus Rostrata) Extract	Z	The CIR Panel concludes that the available data are insufficient to support the safety of Hazel (Corylus Avellana) Nut Oil, Hazel (Corylus Americana) Nut Oil, Hazel (Corylus Avellana) Nut Extract, Hazel (Corylus Americana) Nut Extract, Hazel (Corylus Rostrata) Nut Extract, Hazel (Corylus Avellana) Extract, Hazel (Corylus Americana) Extract, and Hazel (Corylus Rostrata) Extract for use in cosmetic products.	IJT 20(S1):15-20, 2001
Hazel (Corylus Rostrata) Nut Extract	Z	The CIR Panel concludes that the available data are insufficient to support the safety of Hazel (Corylus Avellana) Nut Oil, Hazel (Corylus Americana) Nut Oil, Hazel (Corylus Avellana) Nut Extract, Hazel (Corylus Americana) Nut Extract, Hazel (Corylus Rostrata) Nut Extract, Hazel (Corylus Avellana) Extract, Hazel (Corylus Americana) Extract, and Hazel (Corylus Rostrata) Extract for use in cosmetic products.	IJT 20(S1):15-20, 2001
Hazel Seed Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Hazel Seed Oil PEG-8 Esters...	IJT 33(Suppl 4):13-39, 2014
Hazelnut Seed Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Hazelnut Seed Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Hectorite	S		IJT 22(Suppl. 1):37-102, 2003
Helianthus Annuus (Sunflower) Extract	S		Final Report 9/2016 Available from CIR
Helianthus Annuus (Sunflower) Flower Extract	S		Final Report 9/2016 Available from CIR
Helianthus Annuus (Sunflower) Leaf/Stem Extract	S		Final Report 9/2016 Available from CIR
Helianthus Annuus (Sunflower) Seed	S		Final Report 9/2016 Available from CIR
Helianthus Annuus (Sunflower) Seed Butter	S		Final Report 9/2016 Available from CIR
Helianthus Annuus (Sunflower) Seed Extract	S		Final Report 9/2016 Available from CIR
Helianthus Annuus (Sunflower) Seed Flour	S		Final Report 9/2016 Available from CIR
Helianthus Annuus (Sunflower) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Helianthus Annuus (Sunflower) Seed Oil Unsaponifiables	S		IJT 36(Suppl. 3):51-129, 2017
Helianthus Annuus (Sunflower) Seed Wax	S		Final Report 9/2016 Available from CIR
Helianthus Annuus (Sunflower) Seedcake	S		Final Report 9/2016 Available from CIR
Helianthus Annuus (Sunflower) Sprout Extract	S		Final Report 9/2016 Available from CIR
Heptyl Undecylenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Heptylundecyl Hydroxystearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Hexacosyl Glycol	S		IJT 31(Suppl. 2):147-168, 2012
Hexadecyl D-glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...Hexadecyl D-glucoside...	IJT 32(Suppl. 3):22-48, 2013
Hexafluoropropylene/Tetrafluoroethylene Copolymer	S		Final Report 10/2018 available from CIR
Hexamidine	SQ	Hexamidine and Hexamidine Diisethionate are safe for the use in cosmetic products in the practices and concentrations of use as described in this safety assessment if used at concentrations less than or equal to 0.10%.	IJT 26(Suppl. 3):79-88, 2007
Hexamidine Diisethionate	SQ	Hexamidine and Hexamidine Diisethionate are safe for the use in cosmetic products in the practices and concentrations of use as described in this safety assessment if used at concentrations less than or equal to 0.10%.	IJT 26(Suppl. 3):79-88, 2007
Hexanediol	S		Final Report 06/2018 available from CIR
Hexanediol Distearate	S		Final Report 9/2017 Available from CIR
Hexapeptide-12	S		Final Report 06/10/2014 Available from CIR
Hexyl Isostearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Hexyl Laurate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015

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Ingredient	Finding†	Conclusion	Citation#
Hexyl Methicone	S		IJ 22(Suppl. 2):11-35, 2003
Hexyl Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...Hexyl Salicylate...	Final Report 04/2019 Available from CIR
Hexyl Methacrylate	SQ	Based on available data, the CIR Expert Panel concluded that ...Hexyl Methacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IJ 24(Suppl 5):53-100, 2005
Hexyldeceth-2	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Hexyldeceth-2...	IJ 31(Suppl. 2):169-244, 2012
Hexyldeceth-20	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Hexyldeceth-20...	IJ 31(Suppl. 2):169-244, 2012
Hexyldecyl Benzoate	S		IJ 31(Suppl.3):342-372, 2012
Hexyldecyl Ethylhexanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Hexyldecyl Ethylhexanoate...	IJ 34(Suppl.3):61-73, 2015
Hexyldecyl Hexyldecanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJ 34(Suppl.2):5-69, 2015
Hexyldecyl Isostearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJ 34(Suppl.2):5-69, 2015
Hexyldecyl Laurate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJ 34(Suppl.2):5-69, 2015
Hexyldecyl Oleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJ 34(Suppl.2):5-69, 2015
Hexyldecyl Palmitate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJ 34(Suppl.2):5-69, 2015
Hexyldecyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJ 34(Suppl.2):5-69, 2015
Hexylododecyl Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...Hexylododecyl Salicylate...	Final Report 04/2019 Available from CIR
Hexylododecyl/Octyldecyl Hydroxystearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJ 34(Suppl.2):5-69, 2015
Hexylene Glycol	S		JACT 4(5):223-248, 1985; IJ 25(Suppl. 2) :1-89,2006
Himantialia Elongata Extract	S		Final Report 09/2019 Available from CIR
Himantialia Elongata Powder	S		Final Report 09/2019 Available from CIR
Hippophae Rhamnoides Fruit Oil	S		IJ 36(Suppl. 3):51-129, 2017
Hippophae Rhamnoides Oil	S		IJ 36(Suppl. 3):51-129, 2017
Hippophae Rhamnoides Seed Oil	S		IJ 36(Suppl. 3):51-129, 2017
Histidine	S		IJ 32(Suppl. 4):41-64, 2013
Histidine HCl	S		IJ 32(Suppl. 4):41-64, 2013
Hizikia Fusiforme Extract	S		Final Report 09/2019 Available from CIR
Hizikia Fusiformis Callus Culture Extract	S		Final Report 09/2019 Available from CIR
Hizikia Fusiformis Water	S		Final Report 09/2019 Available from CIR
Human Placental Enzymes	Z	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Human Placental Protein, Hydrolyzed Human Placental Protein, Human Placental Enzymes, Human Placental Lipids, Human Umbilical Extract, Placental Protein, Hydrolyzed Placental Protein, Placental Enzymes, Placental Lipids, Umbilical Extract for use in cosmetic products. If these ingredients are used, they should not deliver any metabolic/endocrine activity, and they must be free of detectable pathogenic viruses or infectious agents.	IJ 21(Suppl 1):81-91, 2002

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Ingredient	Finding†	Conclusion	Citation#
Human Placental Lipids	Z	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Human Placental Protein, Hydrolyzed Human Placental Protein, Human Placental Enzymes, Human Placental Lipids, Human Umbilical Extract, Placental Protein, Hydrolyzed Placental Protein, Placental Enzymes, Placental Lipids, Umbilical Extract for use in cosmetic products. If these ingredients are used, they should not deliver any metabolic/endocrine activity, and they must be free of detectable pathogenic viruses or infectious agents.	IJT 21(Suppl 1):81-91, 2002
Human Placental Protein	UNS	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Human Placental Protein, Hydrolyzed Human Placental Protein, Human Placental Enzymes, Human Placental Lipids, Human Umbilical Extract, Placental Protein, Hydrolyzed Placental Protein, Placental Enzymes, Placental Lipids, Umbilical Extract for use in cosmetic products. If these ingredients are used, they should not deliver any metabolic/endocrine activity, and they must be free of detectable pathogenic viruses or infectious agents.	IJT 21(Suppl 1):81-91, 2002
Human Umbilical Extract	Z	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Human Placental Protein, Hydrolyzed Human Placental Protein, Human Placental Enzymes, Human Placental Lipids, Human Umbilical Extract, Placental Protein, Hydrolyzed Placental Protein, Placental Enzymes, Placental Lipids, Umbilical Extract for use in cosmetic products. If these ingredients are used, they should not deliver any metabolic/endocrine activity, and they must be free of detectable pathogenic viruses or infectious agents.	IJT 21(Suppl 1):81-91, 2002
Humulus Lupulus (Hops) Cone Extract	SQ	The CIR Expert Panel concluded Humulus Lupulus (Hops) Extract and Humulus Lupulus (Hops) Oil are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing.	Final Report 9/2017 Available from CIR
Humulus Lupulus (Hops) Cone Oil	SQ	The CIR Expert Panel concluded Humulus Lupulus (Hops) Extract and Humulus Lupulus (Hops) Oil are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing.	Final Report 9/2017 Available from CIR
Humulus Lupulus (Hops) Extract	SQ	The CIR Expert Panel concluded Humulus Lupulus (Hops) Extract and Humulus Lupulus (Hops) Oil are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing.	Final Report 9/2017 Available from CIR
Humulus Lupulus (Hops) Flower Extract	SQ	The CIR Expert Panel concluded Humulus Lupulus (Hops) Extract and Humulus Lupulus (Hops) Oil are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing.	Final Report 9/2017 Available from CIR
Humulus Lupulus (Hops) Stem Extract	SQ	The CIR Expert Panel concluded Humulus Lupulus (Hops) Extract and Humulus Lupulus (Hops) Oil are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing.	Final Report 9/2017 Available from CIR
Humulus Lupulus (Hops) Strobile	SQ	The CIR Expert Panel concluded Humulus Lupulus (Hops) Extract and Humulus Lupulus (Hops) Oil are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing.	Final Report 9/2017 Available from CIR
Hyaluronic Acid	S		IJT 28(Suppl. 1):5-67, 2009
Hydrated Silica	SQ	The Panel concluded that synthetically-manufactured amorphous ... Hydrated Silica are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating.	Final Report 09/2019 Available from CIR
Hydrofluorocarbon 152a	S		Final Report 4/2017 Available from CIR
Hydrogen Dimethicone/Octyl Silsesquioxane Copolymer	S		Final Report 12/2017 Available from CIR
Hydrogen Peroxide	S		Final Report 10/2018 available from CIR
Hydrogenated Adansonia Digitata Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Hydrogenated Apricot Kernel Oil	S		IJT 36(Suppl. 3):51-129, 2017
Hydrogenated Argania Spinosa Kernel Oil	S		IJT 36(Suppl. 3):51-129, 2017
Hydrogenated Avocado Oil	S		IJT 36(Suppl. 3):51-129, 2017
Hydrogenated Black Currant Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Hydrogenated Butadiene/Isoprene/Styrene Copolymer	S		Final Report 9/2014 Available from CIR
Hydrogenated Butylene/Ethylene/Styrene Copolymer	S		Final Report 9/2014 Available from CIR
Hydrogenated C12-18 Triglycerides	S		Final Report 12/2017 Available from CIR
Hydrogenated Camellia Sativa Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Hydrogenated Camellia Oleifera Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Hydrogenated Canola Oil	S		IJT 36(Suppl. 3):51-129, 2017
Hydrogenated Castor Oil	S		IJT 26(Suppl. 3):31-77, 2007
Hydrogenated Castor Oil Behenyl Esters	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Hydrogenated Castor Oil Cetyl Esters	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Hydrogenated Castor Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Hydrogenated Castor Oil PEG-8 Esters...	IJT 33(Suppl 4):13-39, 2014

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Ingredient	Finding†	Conclusion	Citation#
Hydrogenated Castor Oil Stearyl Esters	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Hydrogenated Coco-Glycerides	S		IJT 30(Suppl. 1):5-16, 2011
Hydrogenated Coconut Acid	S		JACT 5(3):103-121, 1986;IJT 30(Suppl. 1):5-16, 2011;IJT 36(Suppl. 3):51-129, 2017
Hydrogenated Coconut Oil	S		JACT 5(3):103-121, 1986;IJT 30(Suppl. 1):5-16, 2011;IJT 36(Suppl. 3):51-129, 2017
Hydrogenated Cottonseed Glyceride	SQ	Based on the available data, the CIR Panel concludes that Hydrogenated Cottonseed (Gossypium Oil), Cottonseed Acid, Cottonseed Glyceride, and Hydrogenated Cottonseed Glyceride are safe as used in cosmetic products, provided that established limits on gossypol, heavy metals, and pesticide concentrations are not exceeded.	IJT 20(52):21-29, 2001
Hydrogenated Cottonseed Oil	S		IJT 20(52):21-29, 2001;IJT 36(Suppl. 3):51-129, 2017
Hydrogenated Cranberry Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Hydrogenated Dimer Dilinoleth-20	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Hydrogenated Dimer Dilinoleth-20...	IJT 31(Suppl. 2):169-244, 2012
Hydrogenated Dimer Dilinoleth-30	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Hydrogenated Dimer Dilinoleth-30...	IJT 31(Suppl. 2):169-244, 2012
Hydrogenated Dimer Dilinoleth-40	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Hydrogenated Dimer Dilinoleth-40...	IJT 31(Suppl. 2):169-244, 2012
Hydrogenated Dimer Dilinoleth-60	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Hydrogenated Dimer Dilinoleth-60...	IJT 31(Suppl. 2):169-244, 2012
Hydrogenated Dimer Dilinoleth-80	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Hydrogenated Dimer Dilinoleth-80...	IJT 31(Suppl. 2):169-244, 2012
Hydrogenated Ethylene/Propylene/Styrene Copolymer	S		Final Report 9/2014 Available from CIR
Hydrogenated Ethylhexyl Olivat	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Hydrogenated Ethylhexyl Sesamate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Hydrogenated Evening Primrose Oil	S		IJT 36(Suppl. 3):51-129, 2017
Hydrogenated Grapefruit Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Hydrogenated Grapefruit Seed Oil Unsaponifiables	S		IJT 36(Suppl. 3):51-129, 2017
Hydrogenated Grapeseed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Hydrogenated Hazelnut Oil	S		IJT 36(Suppl. 3):51-129, 2017
Hydrogenated Isocetyl Olivat	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Hydrogenated Isopropyl Jojobate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Hydrogenated Jojoba Oil	S		Final Report 9/2008 Available from CIR
Hydrogenated Kukui Nut Oil	S		IJT 36(Suppl. 3):51-129, 2017
Hydrogenated Laneth-20	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Hydrogenated Laneth-20...	IJT 31(Suppl. 2):169-244, 2012
Hydrogenated Laneth-25	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Hydrogenated Laneth-25...	IJT 31(Suppl. 2):169-244, 2012

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Ingredient	Finding†	Conclusion	Citation#
Hydrogenated Laneth-5 Hydrogenated Lanolin	SQ S	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Hydrogenated Laneth-5...	IJT 31(Suppl. 2):169-244, 2012 JEPT 4(4):63-92, 1980; IJ 24(Suppl. 1):1-102, 2005
Hydrogenated Lard	SQ	Based on the available data, the CIR Panel concludes that Lard Glyceride, Hydrogenated Lard Glyceride, Lard Glycerides, Hydrogenated Lard Glycerides, Lard and Hydrogenated Lard are safe as used in cosmetic products, provided that established limitations imposed on heavy metal and pesticide concentrations are not exceeded.	IJ 20(S2):57-64, 2001
Hydrogenated Lard Glyceride	SQ	Based on the available data, the CIR Panel concludes that Lard Glyceride, Hydrogenated Lard Glyceride, Lard Glycerides, Hydrogenated Lard Glycerides, Lard and Hydrogenated Lard are safe as used in cosmetic products, provided that established limitations imposed on heavy metal and pesticide concentrations are not exceeded.	IJ 20(S2):57-64, 2001
Hydrogenated Lard Glycerides	SQ	Based on the available data, the CIR Panel concludes that Lard Glyceride, Hydrogenated Lard Glyceride, Lard Glycerides, Hydrogenated Lard Glycerides, Lard and Hydrogenated Lard are safe as used in cosmetic products, provided that established limitations imposed on heavy metal and pesticide concentrations are not exceeded.	IJ 20(S2):57-64, 2001
Hydrogenated Lecithin	S		IJ 39(S2):5-25,2020
Hydrogenated Lime Seed Oil	S		IJ 36(Suppl. 3):51-129, 2017
Hydrogenated Lime Seed Oil Unsaponifiables	S		IJ 36(Suppl. 3):51-129, 2017
Hydrogenated Lysolecithin	S		IJ 39(S2):5-25,2020
Hydrogenated Lysophosphatidylcholine	S		IJ 39(S2):5-25,2020
Hydrogenated Macadamia Seed Oil	S		IJ 36(Suppl. 3):51-129, 2017
Hydrogenated Meadowfoam Seed Oil	S		IJ 36(Suppl. 3):51-129, 2017
Hydrogenated Olive Oil	S		IJ 36(Suppl. 3):51-129, 2017
Hydrogenated Olive Oil Unsaponifiables	S		IJ 36(Suppl. 3):51-129, 2017
Hydrogenated Orange Seed Oil	S		IJ 36(Suppl. 3):51-129, 2017
Hydrogenated Orange Seed Oil Unsaponifiables	S		IJ 36(Suppl. 3):51-129, 2017
Hydrogenated Palm Acid	S		IJ 36(Suppl. 3):51-129, 2017
Hydrogenated Palm Kernel Oil	S		IJ 19(S2):7-28, 2000;IJ 36(Suppl. 3):51-129, 2017
Hydrogenated Palm Oil	S		IJ 19(S2):7-28, 2000;IJ 36(Suppl. 3):51-129, 2017
Hydrogenated Palm/Palm Kernel Oil PEG-6 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Hydrogenated Palm/Palm Kernel Oil PEG-6 Esters...	IJ 33(Suppl 4):13-39, 2014
Hydrogenated Palmitrimonium Chloride	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Hydrogenated Palmitrimonium Chloride...	IJ 31(Suppl. 3):296-341, 2012
Hydrogenated Passiflora Edulis Seed Oil	S		IJ 36(Suppl. 3):51-129, 2017
Hydrogenated Peach Kernel Oil	S		IJ 36(Suppl. 3):51-129, 2017
Hydrogenated Peanut Oil	S		IJ 20(S2):65-77, 2001;IJ 36(Suppl. 3):51-129, 2017
Hydrogenated Phosphatidylcholine	S		IJ 39(S2):5-25,2020
Hydrogenated Pistachio Seed Oil	S		IJ 36(Suppl. 3):51-129, 2017
Hydrogenated Poly(C6-12 Olefin)	S		IJ 39(S2):59-90,2020
Hydrogenated Poly(C6-14 Olefin)	S		IJ 39(S2):59-90,2020
Hydrogenated Poly(C6-20 Olefin)	S		IJ 39(S2):59-90,2020
Hydrogenated Polybutene	S		IJ 39(S2):59-90,2020
Hydrogenated Polydecene	S		IJ 39(S2):59-90,2020
Hydrogenated Polydodecene	S		IJ 39(S2):59-90,2020
Hydrogenated Polyisobutene	S		IJ 27 (Suppl. 4):83-106, 2008;IJ 39(S2):59-90,2020
Hydrogenated Potato Starch	S		Final Report 9/2015 Available from CIR
Hydrogenated Pumpkin Seed Oil	S		IJ 36(Suppl. 3):51-129, 2017
Hydrogenated Punica Granatum Seed Oil	S		IJ 36(Suppl. 3):51-129, 2017
Hydrogenated Rapeseed Oil	S		IJ 36(Suppl. 3):51-129, 2017
Hydrogenated Raspberry Seed Oil	S		IJ 36(Suppl. 3):51-129, 2017
Hydrogenated Rice Bran Oil	S		IJ 36(Suppl. 3):51-129, 2017
Hydrogenated Rice Bran Wax	S		Final Report 2/2000 Available from CIR;Final Report 6/2001 Available from CIR;IJ 25(Suppl. 2):91-120, 2006
Hydrogenated Rosa Canina Fruit Oil	S		IJ 36(Suppl. 3):51-129, 2017
Hydrogenated Safflower Seed Oil	S		IJ 36(Suppl. 3):51-129, 2017
Hydrogenated Sesame Seed Oil	S		IJ 30(Suppl. 1):40-53, 2011 ;IJ 36(Suppl. 3):51-129, 2017
Hydrogenated Shea Butter	S		Final Report 9/2017 Available from CIR;IJ 36(Suppl. 3):51-129, 2017
Hydrogenated Shea Oil	SQ	The CIR Expert Panel concluded that the following 13 ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Hydrogenated Shea Oil...	Final Report 9/2017 Available from CIR
Hydrogenated Soybean Oil	S		IJ 36(Suppl. 3):51-129, 2017
Hydrogenated Starch Hydrolysate	S		Final Report 9/2015 Available from CIR
Hydrogenated Styrene/Butadiene Copolymer	S		Final Report 9/2014 Available from CIR
Hydrogenated Styrene/Isoprene Copolymer	S		Final Report 9/2014 Available from CIR
Hydrogenated Sunflower Seed Extract	S		Final Report 9/2016 Available from CIR

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Hydrogenated Sunflower Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Hydrogenated Sweet Almond Oil	S		IJT 36(Suppl. 3):51-129, 2017
Hydrogenated Sweet Almond Oil Unsaponifiables	S		IJT 36(Suppl. 3):51-129, 2017
Hydrogenated Tallow Betaine	SQ	The CIR Expert Panel concluded that the eleven alkyl betaines listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Hydrogenated Tallow Betaine...	Final Report 3/2014 Available from CIR
Hydrogenated Tallow Glyceride	S		JACT 9(2):153-164, 1990; IJT 27(Suppl. 1):77-142, 2008
Hydrogenated Tallow Glycerides	S		JACT 9(2):153-164, 1990; IJT 27(Suppl. 1):77-142, 2008
Hydrogenated Tallowalkonium Bentonite	SQ	The CIR Expert Panel concluded that the alkonium clay ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Hydrogenated Tallowalkonium Bentonite...	Final Report 4/2016 Available from CIR
Hydrogenated Tallowamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Hydrogenated Tallowamide DEA...	IJT 32(Suppl. 1):36-58, 2013
Hydrogenated Talloweth-12	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Hydrogenated Talloweth-12...	IJT 31(Suppl. 2):169-244, 2012
Hydrogenated Talloweth-25	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Hydrogenated Talloweth-25...	IJT 31(Suppl. 2):169-244, 2012
Hydrogenated Tallowtrimonium Chloride	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Hydrogenated Tallowtrimonium Chloride...	IJT 31(Suppl. 3):296-341, 2012
Hydrogenated Vegetable Oil	S		IJT 36(Suppl. 3):51-129, 2017
Hydrogenated Wheat Germ Oil	S		IJT 36(Suppl. 3):51-129, 2017
Hydrogenated Wheat Germ Oil Unsaponifiables	S		IJT 36(Suppl. 3):51-129, 2017
Hydrolyzed Actin	S		Final Report 9/2017 Available from CIR
Hydrolyzed Amaranth Protein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Avocado Protein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Barley Protein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Beta-Glucan	S		IJT 35(Suppl. 1):5-49, 2016
Hydrolyzed Brazil Nut Protein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Caesalpinia Spinosa Gum	S		IJT 34(Suppl. 1):35-65, 2015
Hydrolyzed Camellia Sinensis Leaf	SQ	The CIR Expert Panel concluded that C. sinensis leaf-derived ingredients are safe as used in cosmetic products when formulated to be non-sensitizing...Hydrolyzed Camellia Sinensis Leaf...	IJT 38(S3):48-70,2019
Hydrolyzed Camellia Sinensis Seed Extract	Z	The Panel also concluded that the available data or information are insufficient to make a determination that C. sinensis non-leaf derived ingredients are safe for use in cosmetics.	IJT 38(S3):48-70,2019
Hydrolyzed Carrageenan	S		Final Report 9/2015 Available from CIR
Hydrolyzed Casein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Cellulose Gum	S		Final Report 3/2009 Available from CIR
Hydrolyzed Ceratonia Siliqua Gum Extract	S		IJT 34(Suppl. 1):35-65, 2015
Hydrolyzed Citrus Aurantium Dulcis Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxypsoralen (5-MOP)...Hydrolyzed Citrus Aurantium Dulcis Fruit Extract...	Final Report 12/2015 Available from CIR
Hydrolyzed Collagen	S		JACT 4(5):199-221, 1985;IJT 25(Suppl. 2) :1-89,2006;Final Report 9/2017 Available from CIR
Hydrolyzed Collagen Extract	S		Final Report 9/2017 Available from CIR
Hydrolyzed Collagen PG-Propyl Dimethiconol	S		IJT 36(Suppl. 3):31-50, 2017
Hydrolyzed Corn Protein	S		IJT 30(Suppl. 1):17-39, 2011
Hydrolyzed Corn Starch	S		IJT 30(Suppl. 1):17-39, 2011
Hydrolyzed Corn Starch Hydroxyethyl Ether	S		Final Report 9/2015 Available from CIR
Hydrolyzed Corn Starch Octenylsuccinate	S		Final Report 9/2015 Available from CIR
Hydrolyzed Cottonseed Protein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Ecklonia Cava Extract	S		Final Report 09/2019 Available from CIR
Hydrolyzed Elastin	S		Final Report 9/2017 Available from CIR
Hydrolyzed Extensin	S		Final Report 9/2017 Available from CIR
Hydrolyzed Fibroin	S		IJT 39(S3):127-144,2020
Hydrolyzed Fibronectin	S		Final Report 9/2017 Available from CIR
Hydrolyzed Fucus Vesiculosus Extract	S		Final Report 09/2019 Available from CIR

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Ingredient	Finding†	Conclusion	Citation#
Hydrolyzed Fucus Vesiculosus Protein	S		Final Report 09/2019 Available from CIR
Hydrolyzed Furcellaran	S		Final Report 9/2015 Available from CIR
Hydrolyzed Gelatin	S		Final Report 9/2017 Available from CIR
Hydrolyzed Ginseng Root	S		IJT 34(Suppl.3):5-42, 2015
Hydrolyzed Ginseng Root Extract	S		IJT 34(Suppl.3):5-42, 2015
Hydrolyzed Ginseng Saponins	S		IJT 34(Suppl.3):5-42, 2015
Hydrolyzed Grape Fruit	S		IJT 33(Suppl. 3):48-83, 2014
Hydrolyzed Grape Skin	S		IJT 33(Suppl. 3):48-83, 2014
Hydrolyzed Guar	S		IJT 34(Suppl. 1):35-65, 2015
Hydrolyzed Hair Keratin	S		Final Report 6/2016 Available from CIR
Hydrolyzed Hazelnut Protein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Hemp Seed Protein	S		Final Report 9/2017 Available from CIR
		The CIR Expert Panel concludes that the available data are insufficient to support the safety of Human Placental Protein, Hydrolyzed Human Placental Protein, Human Placental Enzymes, Human Placental Lipids, Human Umbilical Extract, Placental Protein, Hydrolyzed Placental Protein, Placental Enzymes, Placental Lipids, Umbilical Extract for use in cosmetic products. If these ingredients are used, they should not deliver any metabolic/endocrine activity, and they must be free of detectable pathogenic viruses or infectious agents.	
Hydrolyzed Human Placental Protein	Z		IJT 21(Suppl 1):81-91, 2002
Hydrolyzed Jojoba Esters	S		Final Report 9/2008 Available from CIR
Hydrolyzed Jojoba Protein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Keratin	S		Final Report 6/2016 Available from CIR
Hydrolyzed Lactalbumin	S		Final Report 9/2017 Available from CIR
Hydrolyzed Lupine Protein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Maple Sycamore Protein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Milk Protein	S		Final Report 9/2017 Available from CIR
		The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract...Hydrolyzed Oat Flour...	
Hydrolyzed Oat Flour	SQ		IJT 38(S3):23-47,2019
		The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract...Hydrolyzed Oat Protein...	
Hydrolyzed Oat Protein	SQ		IJT 38(S3):23-47,2019
		The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing. Based on the data included in this report, the CIR Expert Panel concluded that the available data or information are insufficient to come to a conclusion on the safety of avena sativa (oat) meristem cell extract...Hydrolyzed Oats...	
Hydrolyzed Oats	SQ		IJT 38(S3):23-47,2019
Hydrolyzed Oxidized Keratin	S		Final Report 6/2016 Available from CIR
Hydrolyzed Pea Protein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Pectin	S		Final Report 9/2015 Available from CIR
Hydrolyzed Phospholipids	S		IJT 39(S2):5-25,2020
		The CIR Expert Panel concludes that the available data are insufficient to support the safety of Human Placental Protein, Hydrolyzed Human Placental Protein, Human Placental Enzymes, Human Placental Lipids, Human Umbilical Extract, Placental Protein, Hydrolyzed Placental Protein, Placental Enzymes, Placental Lipids, Umbilical Extract for use in cosmetic products. If these ingredients are used, they should not deliver any metabolic/endocrine activity, and they must be free of detectable pathogenic viruses or infectious agents.	
Hydrolyzed Placental Protein	UNS		IJT 21(Suppl 1):81-91, 2002
Hydrolyzed Potato Protein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Reticulin	S		Final Report 9/2017 Available from CIR
Hydrolyzed Rhizobian Gum	S		IJT 35(Suppl. 1):5-49, 2016
Hydrolyzed Rice Bran Extract	S		IJT 25(Suppl. 2):91-120, 2006
Hydrolyzed Rice Bran Protein	S		Final Report 2/2000 Available from CIR;Final Report 6/2001 Available from CIR;IJT 25(Suppl. 2):91-120, 2006
Hydrolyzed Rice Extract	S		IJT 25(Suppl. 2):91-120, 2006
Hydrolyzed Rice Protein	S		Final Report 2/2000 Available from CIR;Final Report 6/2001 Available from CIR;IJT 25(Suppl. 2):91-120, 2006
Hydrolyzed Sclerotium Gum	S		IJT 35(Suppl. 1):5-49, 2016
Hydrolyzed Sericin	S		IJT 39(S3):127-144,2020
Hydrolyzed Sesame Protein	S		Final Report 9/2017 Available from CIR
		The CIR Expert Panel concluded that the following 13 ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Hydrolyzed Shea Seedcake Extract...	
Hydrolyzed Shea Seedcake Extract	SQ		Final Report 9/2017 Available from CIR
Hydrolyzed Silk	S		IJT 39(S3):127-144,2020

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Ingredient	Finding†	Conclusion	Citation‡
Hydrolyzed Soy Protein	S		Final Report 9/2015 Available from CIR
Hydrolyzed Soy Protein Extract	S		Final Report 9/2015 Available from CIR
Hydrolyzed Soy Starch	S		Final Report 9/2015 Available from CIR
Hydrolyzed Soymilk Protein	S		Final Report 9/2015 Available from CIR
Hydrolyzed Spongins	S		Final Report 9/2017 Available from CIR
Hydrolyzed Starch	S		Final Report 9/2015 Available from CIR
Hydrolyzed Sulfonated Keratin	S		Final Report 6/2016 Available from CIR
Hydrolyzed Sunflower Seed Wax	S		Final Report 9/2016 Available from CIR
Hydrolyzed Sweet Almond Protein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Triticum Spelta Starch	S		Final Report 9/2015 Available from CIR
Hydrolyzed Vegetable Protein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Wheat Gluten	SQ	The CIR Expert Panel concluded that hydrolyzed wheat gluten and hydrolyzed wheat protein are safe for use in cosmetics when formulated to restrict peptides to a weight-average MW of 3500 Da or less.	IJT 37(Suppl. 1):55-66, 2018
Hydrolyzed Wheat Protein	SQ	The CIR Expert Panel concluded that hydrolyzed wheat gluten and hydrolyzed wheat protein are safe for use in cosmetics when formulated to restrict peptides to a weight-average MW of 3500 Da or less.	IJT 37(Suppl. 1):55-66, 2018
Hydrolyzed Wheat Protein/PVP Crosspolymer	S		Final Report 12/2018 Available from CIR
Hydrolyzed Wheat Starch	S		Final Report 9/2015 Available from CIR
Hydrolyzed Whey Protein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Yogurt Protein	S		Final Report 9/2017 Available from CIR
Hydrolyzed Zein	S		Final Report 9/2017 Available from CIR
Hydroquinone	U	The CIR Expert Panel concluded that hydroquinone is safe at concentrations of less than or equal to 1% for cosmetic formulations designed for discontinuous, brief use followed by rinsing from the skin and hair. Hydroquinone is safe for use in nail adhesives and in artificial nail coatings, as a polymerization inhibitor, that are cured by LED light. Hydroquinone is unsafe for use in other leave-on cosmetic products.	JACT 5(3):123-165, 1986; JACT 13(3):167-230, 1994; IJT 29(Suppl. 4):274-287, 2010; Final Report 12/2014 Available from CIR
p-Hydroxyanisole	SQ; U	The CIR Expert Panel concluded that p-Hydroxyanisole is safe for use in nail adhesives and in artificial nail coatings, as a polymerization inhibitor, that are cured by LED light; and unsafe for use in all other cosmetics due to dermal depigmentation potential.	JACT 4(5):31-63, 1985; Final Report 12/2014 Available from CIR
Hydroxybenzomorpholine	S		JACT 10(1):205-213, 1991; IJT 30(Suppl. 2):73-127, 2011
Hydroxybutyl Methylcellulose	S		Final Report 3/2009 Available from CIR
Hydroxycapric Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Hydroxycapric Acid...	Final Report 04/2019 Available from CIR
Hydroxycaproyl Phytosphingosine	S		IJT 39(S3):5-25,2020
Hydroxycaprylic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Hydroxycaprylic Acid...	Final Report 04/2019 Available from CIR
Hydroxycapryloyl Phytosphingosine	S		IJT 39(S3):5-25,2020
Hydroxycetyl Isostearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Hydroxyethyl Acrylate/Methoxyethyl Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Hydroxyethyl Acrylate/Methoxyethyl Acrylate Copolymer...	Final Report 12/2018 Available from CIR
Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer	S		Final Report 4/2017 Available from CIR
Hydroxyethyl Cyclodextrin	S		Final Report 9/2015 Available from CIR
Hydroxyethyl Ethylcellulose	S		Final Report 3/2009 Available from CIR
Hydroxyethyl Stearamide-MIPA	SQ	The CIR Expert Panel concluded that the 14 alkyl amide MIPA ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Hydroxyethyl Stearamide-MIPA...	Final Report 12/2019 Available from CIR
Hydroxyethyl Urea	SQ	The Panel concluded that Hydroxyethyl Urea is safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	Final Report 12/2018 Available from CIR
Hydroxyethyl-3,4-Methylenedioxyaniline HCl	S		Final Report 6/2017 Available from CIR
Hydroxyethylcellulose	S		JACT 5(3):1-59, 1986; Final Report 03/2009 Available from CIR
Hydroxyethylmethacrylate Acetoacetate	SQ	Based on available data, the CIR Expert Panel concluded that ...Hydroxyethylmethacrylate Acetoacetate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IJT 24(Suppl 5):53-100, 2005
Hydroxylated Lanolin	S		JEPT 4(4):63-92, 1980; IJT 24(Suppl. 1):1-102, 2005
Hydroxylauric Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Hydroxylauric Acid...	Final Report 04/2019 Available from CIR

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Ingredient	Finding*	Conclusion	Citation#
Hydroxylauroyl Phytosphingosine	S		IJT 39(S3):5-25,2020
Hydroxyoctacosanyl Hydroxystearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Hydroxypalmitoyl Sphinganine	S		IJT 39(S3):5-25,2020
Hydroxypropyl Bis(N-Hydroxyethyl- p-Phenylenediamine) HCl	S		IJT 35(Suppl. 2):5-11, 2016
Hydroxypropyl Bis(N-Hydroxyethyl-p-Phenylenediamine) HCl	S		IJT 35(Suppl. 2):5-11, 2016
Hydroxypropyl Cyclodextrin	S		Final Report 9/2015 Available from CIR
Hydroxypropyl Dimethicone/Polysorbate 20 Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
Hydroxypropyl Guar	S		IJT 34(Suppl. 1):35-65, 2015
Hydroxypropyl Guar Hydroxypropyltrimonium Chloride	S		IJT 34(Suppl. 1):35-65, 2015
Hydroxypropyl Methacrylate	SQ	Based on available data, the CIR Expert Panel concluded that ...Hydroxypropyl Methacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IJT 24(Suppl 5):53-100, 2005
Hydroxypropyl Methylcellulose	S		JACT 5(3):1-59, 1986; Final Report 3/2009 Available from CIR
Hydroxypropyl Methylcellulose Acetate/Succinate	S		Final Report 3/2009 Available from CIR
Hydroxypropyl Oxidized Starch	S		Final Report 9/2015 Available from CIR
Hydroxypropyl Starch	S		Final Report 9/2015 Available from CIR
Hydroxypropyl Xanthan Gum	S		IJT 35(Suppl. 1):5-49, 2016
Hydroxypropylcellulose	S		JACT 5(3):1-59, 1986; Final Report 03/24/2009 Available from CIR
Hydroxypropyldimethicone	S		IJT 22(Suppl. 2):11-35, 2003
Hydroxypropyltrimonium Hydrolyzed Corn Starch	S		Final Report 9/2015 Available from CIR
Hydroxypropyltrimonium Hydrolyzed Wheat Starch	S		Final Report 9/2015 Available from CIR
Hydroxypropyltrimonium Maltodextrin Crosspolymer	S		Final Report 9/2015 Available from CIR
Hydroxystearamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Hydroxystearamide MEA...	IJT 34(Suppl.1):18-34, 2015
Hydroxystearic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Hydroxystearic Acid...	Final Report 04/2019 Available from CIR
Hypericum Perforatum Extract	S		IJT 33(Suppl. 3):5-23, 2014
Hypericum Perforatum Extract (defined as an extract of the capsules, flowers, leaves and stem heads)	S		IJT 20(S2):31-39, 2001; IJT 33(Suppl. 3):5-23, 2014
Hypericum Perforatum Flower Extract	S		IJT 33(Suppl. 3):5-23, 2014
Hypericum Perforatum Flower/Leaf Extract	S		IJT 33(Suppl. 3):5-23, 2014
Hypericum Perforatum Flower/Leaf/Stem Extract	S		IJT 20(S2):31-39, 2001; IJT 33(Suppl. 3):5-23, 2014
Hypericum Perforatum Flower/Twig Extract	S		IJT 33(Suppl. 3):5-23, 2014
Hypericum Perforatum Leaf Extract	S		IJT 33(Suppl. 3):5-23, 2014
Hypericum Perforatum Oil	S		IJT 20(S2):31-39, 2001; IJT 33(Suppl. 3):5-23, 2014
Imidazolidinyl Urea	S		JEPT 4(4):133-146, 1980; IJT 22(Suppl. 1):1-35, 2003
Inulin	S		Final Report 9/2015 Available from CIR
Iodopropynyl Butylcarbamate	SQ	On the basis of the data presented in this report, the CIR Expert Panel concludes that Iodopropynyl Butylcarbamate (IPBC) is safe as a cosmetic ingredient at concentrations ≤ 0.1%. IPBC should not be used in products intended to be aerosolized.	IJT 17(S5):1-37, 1998; IJT 36(Suppl 2):14-58, 2017
Iodopropynyl Butylcarbamate (IPBC)	SQ	On the basis of the data presented in this report, the CIR Expert Panel concludes that Iodopropynyl Butylcarbamate (IPBC) is safe as a cosmetic ingredient at concentrations ≤ 0.1%. IPBC should not be used in products intended to be aerosolized.	IJT 17(S5):1-37, 1998; IJT 36(Suppl 2):14-58, 2017
Irvingia Gabonensis Kernel Butter	S		IJT 36(Suppl. 3):51-129, 2017
Isoamyl Acetate	S		JACT 7(6):703-719, 1988
Isoamyl Laurate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isobornyl Methacrylate	SQ	Based on available data, the CIR Expert Panel concluded that...Isobornyl Methacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IJT 24(Suppl 5):53-100, 2005
Isobutane	S		JACT 1(4):127-142, 1982; IJT 24(Suppl. 1):1-102, 2005
Isobutyl Acetate	S		IJT 31(Suppl. 1):112-136, 2012
Isobutyl Benzoate	S		IJT 31(Suppl.3):342-372, 2012
Isobutyl Methacrylate	SQ	Based on the available data, the CIR Expert Panel concluded that...Isobutyl Methacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IJT 24(Suppl 5):53-100, 2005
Isobutyl Myristate	S		IJT 29(Suppl. 3):162-186,2010; IJT 34(Suppl.2):5-69, 2015
Isobutyl Palmitate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015

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Isobutyl Pelargonate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 30(Suppl. 3):228-269, 2011; IJT 34(Suppl.2):5-69, 2015
Isobutyl Polysilsesquioxane	S		Final Report 12/2017 Available from CIR
Isobutyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	JACT 4(5):107-146, 1985; IJT 24(Suppl. 1):1-102, 2005; IJT 34(Suppl.2):5-69, 2015
Isobutyl Tallowate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isobutyl/Methoxy PEG-10 Polysilsesquioxane	S		Final Report 12/2017 Available from CIR
Isobutylene/Isoprene Copolymer	S		IJT 39(S2):59-90,2020
Isobutylene/Styrene Copolymer	S		Final Report 9/2014 Available from CIR
Isobutylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...Isobutylparaben	JACT 3(5):147-209, 1984; Å IJT 27 (Suppl. 4):1-82, 2008;Final Report 09/2019 Available from CIR
Isoceteth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isoceteth-10...	IJT 31(Suppl. 2):169-244, 2012
Isoceteth-12	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isoceteth-12...	IJT 31(Suppl. 2):169-244, 2012
Isoceteth-15	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isoceteth-15...	IJT 31(Suppl. 2):169-244, 2012
Isoceteth-20	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isoceteth-20...	IJT 31(Suppl. 2):169-244, 2012
Isoceteth-25	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isoceteth-25...	IJT 31(Suppl. 2):169-244, 2012
Isoceteth-30	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isoceteth-30...	IJT 31(Suppl. 2):169-244, 2012
Isoceteth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isoceteth-5...	IJT 31(Suppl. 2):169-244, 2012
Isoceteth-7	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isoceteth-7...	IJT 31(Suppl. 2):169-244, 2012
Isocetyl Behenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isocetyl Ethylhexanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Isocetyl Ethylhexanoate...	IJT 34(Suppl.3):61-73, 2015
Isocetyl Isodecanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isocetyl Isostearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015

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Ingredient	Finding†	Conclusion	Citation#
Isocetyl Laurate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isocetyl Myristate	S		IJT 29(Suppl. 3):162-186,2010; IJT 34(Suppl.2):5-69, 2015
Isocetyl Palmitate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isocetyl Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...Isocetyl Salicylate...	Final Report 04/2019 Available from CIR
Isocetyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	JACT 4(5):107-146, 1985; IJT 24(Suppl. 1):1-102, 2005; IJT 34(Suppl.2):5-69, 2015
Isodeceth-4	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isodeceth-4...	IJT 31(Suppl. 2):169-244, 2012
Isodeceth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isodeceth-5...	IJT 31(Suppl. 2):169-244, 2012
Isodeceth-6	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isodeceth-6...	IJT 31(Suppl. 2):169-244, 2012
Isodecyl Citrate	S		IJT 33(Suppl.2):16-46, 2014
Isodecyl Cocoate	SQ	The CIR Expert Panel concludes that Ammonium Cocomonoglyceride Sulfate, Butylene Glycol Cocoate, Caprylic/Capric/Coco Glycerides, Cocoglycerides, Coconut Acid, Coconut Alcohol, Coconut Oil Decyl Esters, Cocos Nucifera (Coconut) Oil, Decyl Cocoate, Ethylhexyl Cocoate, Hydrogenated Coco-Glycerides, Hydrogenated Coconut Acid, Hydrogenated Coconut Oil, Isodecyl Cocoate, Lauryl Cocoate, Magnesium Cocoate, Methyl Cocoate, Octyldodecyl Cocoate, Pentaerythrityl Cocoate, Potassium Cocoate, Potassium Hydrogenated Cocoate, Sodium Cocoate, Sodium Cocomonoglyceride Sulfate, Sodium Hydrogenated Cocoate, and Tridecyl Cocoate are safe for use as cosmetic ingredients.	IJT 30(Suppl. 1):5-16, 2011; IJT 34(Suppl.2):5-69, 2015
Isodecyl Ethylhexanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Isodecyl Ethylhexanoate...	IJT 34(Suppl.3):61-73, 2015
Isodecyl Glyceryl Ether	S		IJT 32(Suppl. 3):5-21, 2013
Isodecyl Hydroxystearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isodecyl Isononanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 30(Suppl. 3):228-269, 2011; IJT 34(Suppl.2):5-69, 2015
Isodecyl Laurate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isodecyl Myristate	S		IJT 29(Suppl. 3):162-186,2010; IJT 34(Suppl.2):5-69, 2015
Isodecyl Neopentanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isodecyl Oleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	JACT 1(2):85-95, 1982; IJT 22(Suppl. 1):1-35, 2003; IJT 34(Suppl.2):5-69, 2015
Isodecyl Palmitate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isodecyl Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...Isodecyl Salicylate...	Final Report 04/2019 Available from CIR
Isodecyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isododecane	S		IJT 31(Suppl. 3):269-295, 2012
Isocosane	S		IJT 31(Suppl. 3):269-295, 2012

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Ingredient	Finding†	Conclusion	Citation‡
Isohexadecane	S		UT 31(Suppl. 3):269-295, 2012
Isohexyl Caprate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Isohexyl Laurate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Isohexyl Neopentanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Isohexyl Palmitate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Isolaureth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isolaureth-10...	UT 31(Suppl. 2):169-244, 2012
Isolaureth-3	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isolaureth-3...	UT 31(Suppl. 2):169-244, 2012
Isolaureth-6	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isolaureth-6...	UT 31(Suppl. 2):169-244, 2012
Isoauryl Behenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Isoleucine	S		UT 32(Suppl. 4):41-64, 2013
Iso malt	S		UT 38(S1):5-38, 2019
Isomerized Jojoba Oil	S		Final Report 9/2008 Available from CIR
Isomerized Linoleic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Isomerized Linoleic Acid...	Final Report 04/2019 Available from CIR
Isomerized Safflower Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Isomerized Safflower Acid...	Final Report 04/2019 Available from CIR
Isomerized Safflower Glycerides	S		Final Report 12/2017 Available from CIR
Isomyreth-3	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isomyreth-3...	UT 31(Suppl. 2):169-244, 2012
Isomyreth-9	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isomyreth-9...	UT 31(Suppl. 2):169-244, 2012
Isononyl Isononanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 30(Suppl. 3):228-269, 2011; UT 34(Suppl.2):5-69, 2015
Isooctane	S		UT 31(Suppl. 3):269-295, 2012
Isooctyl Caprylate/Caprate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Isooctyl Tallate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Isooctyl Thioglycolate	SQ	Based on the available data, the CIR Expert Panel concluded that ... Isooctyl Thioglycolate is safe for use in hair straighteners, permanent waves, tonics, dressings, and so forth, wave sets, other non-coloring hair products, and hair dyes and colors, as described in this safety assessment, at concentrations up to 1.2% (as Thioglycolic Acid). Hairdressers should avoid skin contact and minimize consumer skin exposure.	UT 28(Suppl. 1):68-133, 2009
Isopentane	S		JACT 1(4):127-142, 1982; UT 24(Suppl. 1):1-102, 2005
Isopentyl diol	S		Final Report 06/2018 available from CIR
Isopolglyceryl-3 Dimethiconol	S		UT 36(Suppl. 3):31-50, 2017

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Ingredient	Finding†	Conclusion	Citation#
Isoprene/Pentadiene Copolymer	S		IJT 39(S2):59-90,2020
Isopropanolamine	SQ	The Panel concludes that Diisopropanolamine, Triisopropanolamine, Isopropanolamine, and Mixed Isopropanolamines are safe as cosmetic ingredients in the present practices of use and concentration. The isopropanolamines should not be used in products containing N-nitrosating agents.	JACT 6(1):53-76, 1987; IJT 25(Suppl. 2) :1-89,2006
Isopropyl Acetate	S		IJT 31(Suppl. 1):112-136, 2012
Isopropyl Alcohol	S		IJT 31(Suppl. 1):112-136, 2012
Isopropyl Arachidate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isopropyl Avocadate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isopropyl Babassuate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isopropyl Behenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isopropyl Benzoate	S		IJT 31(Suppl.3):342-372, 2012
Isopropyl Citrate	S		IJT 33(Suppl.2):16-46, 2014
Isopropyl Cresols	SQ	The CIR Expert panel concludes Sodium p-Chloro-m-Cresol, p-Chloro-m-Cresol, Chlorothymol, m-Cresol, o-Cresol, Isopropyl Cresols, Thymol, o-Cymen-5-ol, Cavacrol are safe at concentrations up to 0.5% in cosmetics; however, the available data are insufficient to support the safety of p-Cresol and Mixed Cresols for use in cosmetic products.	IJT 25(Suppl. 1):29-127, 2006
Isopropyl Ester of PVM/MA Copolymer	S		IJT 30(Suppl. 2):128-144, 2011
Isopropyl Hydroxystearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isopropyl Isostearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	JACT 11(1):43-49, 1992; IJT 30(Suppl. 2):73-127, 2011; IJT 34(Suppl.2):5-69, 2015
Isopropyl Jojobate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isopropyl Lactate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Isopropyl Lactate...	IJT 17(S1):1-241, 1998; IJT 36(Suppl 2):14-58, 2017
Isopropyl Lanolate	S		JEPT 4(4):121-132, 1980; IJT 22(Suppl. 1):1-35, 2003
Isopropyl Laurate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isopropyl Linoleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	JACT 11(1):51-56, 1992; IJT 34(Suppl.2):5-69, 2015
Isopropyl Myristate	S		JACT 1(4):55-80, 1982; IJT 24(Suppl. 1):1-102, 2005; IJT 29(Suppl. 3):162-186,2010; IJT 34(Suppl.2):5-69, 2015
Isopropyl Oleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	JACT 11(1):51-56, 1992; IJT 34(Suppl.2):5-69, 2015
Isopropyl Palmitate	S		JACT 1(2):13-35, 1982; IJT 24(Suppl. 1):1-102, 2005; IJT 34(Suppl.2):5-69, 2015
Isopropyl Ricinoleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating	IJT 26(Suppl. 3):31-77, 2007;IJT 34(Suppl.2):5-69, 2015
Isopropyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	JACT 4(5):107-146, 1985; IJT 24(Suppl. 1):1-102, 2005; IJT 34(Suppl.2):5-69, 2015
Isopropyl Tallowate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015

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Ingredient	Finding†	Conclusion	Citation#
Isopropyl Thioglycolate	SQ	Based on the available data, the CIR Expert Panel concluded that ... Isopropyl Thioglycolate is safe for use in hair straighteners, permanent waves, tonics, dressings, and so forth, wave sets, other non-coloring hair products, and hair dyes and colors, as described in this safety assessment, at concentrations up to 1.2% (as Thioglycolic Acid). Hairdressers should avoid skin contact and minimize consumer skin exposure.	IJT 28(Suppl. 1):68-133, 2009
Isopropyl Titanium Triisostearate	SQ	The CIR Expert Panel concluded that Isopropyl Titanium Triisostearate is safe in cosmetics in the present practices of use and concentration described in the safety assessment, when used as a surface modifier.	Final Report 04/2019 Available from CIR
Isopropyl Titanium Triisostearate/Triethoxysilylethyl Polydimethylsiloxethyl Dimethicone Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
Isopropylamine Dodecylbenzenesulfonate	SQ	Salts of alkylbenzene sulfonates, including ammonium dodecylbenzenesulfonate, calcium dodecylbenzenesulfonate, DEA-dodecylbenzenesulfonate, isopropylamine dodecylbenzenesulfonate, magnesium isodecylbenzenesulfonate, MIPA-dodecylbenzenesulfonate, potassium dodecylbenzenesulfonate, sodium decylbenzenesulfonate, SDDBS, sodium tridecylbenzenesulfonate, TEA-DDBS, and TEA-tridecylbenzenesulfonate, are safe as cosmetic ingredients in the practices of use given in this safety assessment when formulated to be nonirritating.	IJT 29(Suppl. 4):288-305, 2010
Isopropylidenediphenyl Bisglycidyl Methacrylate	SQ	Based on available data, the CIR Expert Panel concluded that ... Isopropylidenediphenyl Bisglycidyl Methacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IJT 24(Suppl 5):53-100, 2005
Isopropylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...Isopropylparaben...	IJT 39(S1):5-97,2020
Isostearamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Isostearamide DEA...	Final Report 8/1995 Available from CIR; IJT 32(Suppl. 1):36-58, 2013
Isostearamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Isostearamide MEA	Final Report 8/1995 Available from CIR; IJT 34(Suppl.1):18-34, 2015
Isostearamide MIPA	SQ	The CIR Expert Panel concluded that the 14 alkyl amide MIPA ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Isostearamide MIPA...	Final Report 12/2019 Available from CIR
Isostearamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Isostearamidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Isostearamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Isostearamidopropyl Dimethylamine...	IJT 38(S1):39-69,2019
Isostearamidopropyl Morpholine Lactate	SQ	On the basis of the data presented in this report, the CIR Expert Panel concludes that Isostearamidopropyl Morpholine Lactate is safe for use as a cosmetic ingredient in rinse-off formulations in the present concentrations and practices of use. The Panel also concludes that the available data are insufficient to support safety in leave-on formulations.	IJT 18(S3):51-56, 1999; IJT 36(Suppl 2):14-58, 2017
Isosteareth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isosteareth-10...	IJT 31(Suppl. 2):169-244, 2012
Isosteareth-12	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isosteareth-12...	IJT 31(Suppl. 2):169-244, 2012
Isosteareth-15	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isosteareth-15...	IJT 31(Suppl. 2):169-244, 2012

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Ingredient	Finding†	Conclusion	Citation‡
Isosteareth-16	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isosteareth-16...	IJT 31(Suppl. 2):169-244, 2012
Isosteareth-2	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isosteareth-2...	IJT 31(Suppl. 2):169-244, 2012
Isosteareth-20	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isosteareth-20...	IJT 31(Suppl. 2):169-244, 2012
Isosteareth-22	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isosteareth-22...	IJT 31(Suppl. 2):169-244, 2012
Isosteareth-25	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isosteareth-25...	IJT 31(Suppl. 2):169-244, 2012
Isosteareth-3	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isosteareth-3...	IJT 31(Suppl. 2):169-244, 2012
Isosteareth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isosteareth-5...	IJT 31(Suppl. 2):169-244, 2012
Isosteareth-50	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isosteareth-50...	IJT 31(Suppl. 2):169-244, 2012
Isosteareth-8	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Isosteareth-8...	IJT 31(Suppl. 2):169-244, 2012
Isostearic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Isostearic Acid...	Final Report 04/2019 Available from CIR
Isostearyl Trimellitic Anhydride/Trimethylolpropane Copolymer	Z	The CIR Expert Panel also concluded that the available data are insufficient to make a determination that the following four trimellitic anhydride copolymers are safe under the intended conditions of use in cosmetic formulations...Isostearyl Trimellitic Anhydride/Trimethylolpropane Copolymer	IJT 39(S3):74-92, 2020
Isostearyl Acetate	S		IJT 31(Suppl. 1):112-136, 2012
Isostearyl Alcohol	S		JACT 7(3):359-413, 1988; IJT 27(Suppl. 1):77-142, 2008
Isostearyl Avocadoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isostearyl Behenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isostearyl Benzoate	S		IJT 31(Suppl.3):342-372, 2012
Isostearyl Erucate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isostearyl Ethylhexanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Isostearyl Ethylhexanoate...	IJT 34(Suppl.3):61-73, 2015
Isostearyl Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...Isostearyl Glucoside...	IJT 32(Suppl. 3):22-48, 2013
Isostearyl Glyceryl Ether	S		IJT 32(Suppl. 3):5-21, 2013

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Ingredient	Finding†	Conclusion	Citation#
Isostearyl Hydroxystearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isostearyl Isononanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 30(Suppl. 3):228-269, 2011; IJT 34(Suppl.2):5-69, 2015
Isostearyl Isostearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isostearyl Laurate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isostearyl Linoleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isostearyl Myristate	S		IJT 29(Suppl. 3):162-186,2010; IJT 34(Suppl.2):5-69, 2015
Isostearyl Neopentanoate	S		JACT 4(3):1-22, 1985; IJT 25(Suppl. 2) :1-89,2006; IJT 34(Suppl.2):5-69, 2015
Isostearyl Palmitate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isostearyl Sebacate	S		IJT 31(Suppl 1):5-76, 2012
Isotridecyl Isononanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 30(Suppl. 3):228-269, 2011; IJT 34(Suppl.2):5-69, 2015
Isotridecyl Laurate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Isotridecyl Myristate	S		IJT 29(Suppl. 3):162-186,2010; IJT 34(Suppl.2):5-69, 2015
Isotridecyl Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...Isotridecyl Salicylate...	Final Report 04/2019 Available from CIR
Isotridecyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Japan Wax	S		JACT 3(3):1-41, 1984; IJT 24(Suppl. 1):1-102, 2005
Jojoba Alcohol	S		Final Report 9/2008 Available from CIR
Jojoba Amino Acids	S		IJT 33(Suppl 4):5-12, 2014
Jojoba Esters	S		Final Report 9/2008 Available from CIR
Jojoba Oil	S		JACT 11(1):57-74, 1992;Final Report 9/2008 Available from CIR
Jojoba Oil PEG-150 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Jojoba Oil PEG-150 Esters...	IJT 33(Suppl 4):13-39, 2014
Jojoba Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Jojoba Oil PEG-8 Esters...	IJT 33(Suppl 4):13-39, 2014
Jojoba Oil/Caprylic/Capric Triglyceride Esters	S		Final Report 12/2017 Available from CIR
Jojoba Wax	S		JACT 11(1):57-74, 1992;Final Report 9/2008 Available from CIR
Juglans Regia (Walnut) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Juniperus Communis Extract	UNS	The Expert Panel concludes that the available data are insufficient to support the safety of Juniperus Communis Fruit Extract, Juniperus Oxycedrus Fruit Extract, Juniperus Oxycedrus Wood Tar, Juniperus Phoenicea Gum Extract, and Juniperus Virginiana Wood Extract for use in cosmetic products.	IJT 20(S2):41-56, 2001
Juniperus Communis Fruit Extract	UNS	The Expert Panel concludes that the available data are insufficient to support the safety of Juniperus Communis Fruit Extract, Juniperus Oxycedrus Fruit Extract, Juniperus Oxycedrus Wood Tar, Juniperus Phoenicea Gum Extract, and Juniperus Virginiana Wood Extract for use in cosmetic products.	IJT 20(S2):41-56, 2001
Juniperus Oxycedrus Extract	Z	The Expert Panel concludes that the available data are insufficient to support the safety of Juniperus Communis Fruit Extract, Juniperus Oxycedrus Fruit Extract, Juniperus Oxycedrus Wood Tar, Juniperus Phoenicea Gum Extract, and Juniperus Virginiana Wood Extract for use in cosmetic products.	IJT 20(S2):41-56, 2001
Juniperus Oxycedrus Fruit Extract	Z	The Expert Panel concludes that the available data are insufficient to support the safety of Juniperus Communis Fruit Extract, Juniperus Oxycedrus Fruit Extract, Juniperus Oxycedrus Wood Tar, Juniperus Phoenicea Gum Extract, and Juniperus Virginiana Wood Extract for use in cosmetic products.	IJT 20(S2):41-56, 2001

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Ingredient	Finding†	Conclusion	Citation#
Juniperus Oxycedrus Tar	UNS	The Expert Panel concludes that the available data are insufficient to support the safety of Juniperus Communis Fruit Extract, Juniperus Oxycedrus Fruit Extract, Juniperus Oxycedrus Wood Tar, Juniperus Phoenicea Gum Extract, and Juniperus Virginiana Wood Extract for use in cosmetic products.	IJT 20(S2):41-56, 2001
Juniperus Oxycedrus Wood Tar	UNS	The Expert Panel concludes that the available data are insufficient to support the safety of Juniperus Communis Fruit Extract, Juniperus Oxycedrus Fruit Extract, Juniperus Oxycedrus Wood Tar, Juniperus Phoenicea Gum Extract, and Juniperus Virginiana Wood Extract for use in cosmetic products.	IJT 20(S2):41-56, 2001
Juniperus Phoenicea Extract	Z	The Expert Panel concludes that the available data are insufficient to support the safety of Juniperus Communis Fruit Extract, Juniperus Oxycedrus Fruit Extract, Juniperus Oxycedrus Wood Tar, Juniperus Phoenicea Gum Extract, and Juniperus Virginiana Wood Extract for use in cosmetic products.	IJT 20(S2):41-56, 2001
Juniperus Phoenicea Gum Extract	Z	The Expert Panel concludes that the available data are insufficient to support the safety of Juniperus Communis Fruit Extract, Juniperus Oxycedrus Fruit Extract, Juniperus Oxycedrus Wood Tar, Juniperus Phoenicea Gum Extract, and Juniperus Virginiana Wood Extract for use in cosmetic products.	IJT 20(S2):41-56, 2001
Juniperus Virginiana Extract	UNS	The Expert Panel concludes that the available data are insufficient to support the safety of Juniperus Communis Fruit Extract, Juniperus Oxycedrus Fruit Extract, Juniperus Oxycedrus Wood Tar, Juniperus Phoenicea Gum Extract, and Juniperus Virginiana Wood Extract for use in cosmetic products.	IJT 20(S2):41-56, 2001
Juniperus Virginiana Wood Extract	UNS	The Expert Panel concludes that the available data are insufficient to support the safety of Juniperus Communis Fruit Extract, Juniperus Oxycedrus Fruit Extract, Juniperus Oxycedrus Wood Tar, Juniperus Phoenicea Gum Extract, and Juniperus Virginiana Wood Extract for use in cosmetic products.	IJT 20(S2):41-56, 2001
Kaolin	S		IJT 22(Suppl. 1):37-102, 2003
Kefiran	S		IJT 38(S1):5-38,2019
Keratin	S		Final Report 6/2016 Available from CIR
Keratin Amino Acids	S		IJT 33(Suppl 4):5-12, 2014
Kojic Acid	SQ	The CIR Expert Panel concluded that kojic acid is safe for use in cosmetic products up to a concentration of 1%.	IJT 29(Suppl. 4):244-273, 2010
L-Ascorbic Acid	S		IJT 24(Suppl. 2):51-111, 2005
Lactamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Lactamide MEA...	IJT 34(Suppl.1):18-34, 2015
Lactic Acid	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Lactic Acid...	IJT 17(S1):1-241, 1998; IJT 36(Suppl 2):14-58, 2017
Lactitol	S		IJT 38(S1):5-38,2019
Lactoglobulin	S		Final Report 9/2017 Available from CIR
Lactose	S		IJT 38(S1):5-38,2019
Lactulose	S		IJT 38(S1):5-38,2019
Laminaria Cloustoni Extract	S		Final Report 09/2019 Available from CIR
Laminaria Diabolica Extract	S		Final Report 09/2019 Available from CIR
Laminaria Digitata Extract	S		Final Report 09/2019 Available from CIR
Laminaria Digitata Powder	S		Final Report 09/2019 Available from CIR
Laminaria Hyperborea Extract	S		Final Report 09/2019 Available from CIR
Laminaria Japonica Extract	S		Final Report 09/2019 Available from CIR
Laminaria Japonica Powder	S		Final Report 09/2019 Available from CIR
Laminaria Longissima Extract	S		Final Report 09/2019 Available from CIR
Laminaria Ochroleuca Extract	S		Final Report 09/2019 Available from CIR
Laminaria Saccharina Extract	S		Final Report 09/2019 Available from CIR

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Ingredient	Finding†	Conclusion	Citation#
Laneth-10 Laneth-10 Acetate	SQ S	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laneth-10...	IJT 31(Suppl. 2):169-244, 2012 JACT 1(4):1-23, 1982; IJ 24(Suppl. 1):1-102, 2005
Laneth-15	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laneth-15...	IJT 31(Suppl. 2):169-244, 2012
Laneth-16	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laneth-16...	JACT 1(4):1-23, 1982;IJ 24(Suppl. 1):1-102, 2005;IJ 31(Suppl. 2):169-244, 2012;
Laneth-20	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laneth-20...	IJT 31(Suppl. 2):169-244, 2012
Laneth-25	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laneth-25...	JACT 1(4):1-23, 1982;IJ 24(Suppl. 1):1-102, 2005;IJ 31(Suppl. 2):169-244, 2012;
Laneth-40	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laneth-40...	IJT 31(Suppl. 2):169-244, 2012
Laneth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laneth-5...	JACT 1(4):1-23, 1982;IJ 24(Suppl. 1):1-102, 2005;IJ 31(Suppl. 2):169-244, 2012;
Laneth-50	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laneth-50...	IJT 31(Suppl. 2):169-244, 2012
Laneth-60	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laneth-60...	IJT 31(Suppl. 2):169-244, 2012
Laneth-75	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laneth-75...	IJT 31(Suppl. 2):169-244, 2012
Laneth-9 Acetate	S		JACT 1(4):1-23, 1982; IJ 24(Suppl. 1):1-102, 2005
Lanolin	S		JEPT 4(4):63-92, 1980; IJ 24(Suppl. 1):1-102, 2005
Lanolin Acid	S		JEPT 4(4):63-92, 1980; IJ 24(Suppl. 1):1-102, 2005
Lanolin Alcohol	S		JEPT 4(4):63-92, 1980; IJ 24(Suppl. 1):1-102, 2005
Lanolin Oil	S		JEPT 4(4):63-92, 1980; IJ 24(Suppl. 1):1-102, 2005
Lanolin Wax	S		JEPT 4(4):63-92, 1980; IJ 24(Suppl. 1):1-102, 2005
Lanolinamide DEA Lapyrium Chloride	SQ S	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Lanolinamide DEA...	IJT 32(Suppl. 1):36-58, 2013 JACT 10(1):87-97, 1991; IJ 30(Suppl. 2):73-127, 2011
Lard	SQ	Based on the available data, the CIR Panel concludes that Lard Glyceride, Hydrogenated Lard Glyceride, Lard Glycerides, Hydrogenated Lard Glycerides, Lard and Hydrogenated Lard are safe as used in cosmetic products, provided that established limitations imposed on heavy metal and pesticide concentrations are not exceeded.	IJ 20(S2):57-64, 2001

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Ingredient	Finding†	Conclusion	Citation‡
Lard Glyceride	SQ	Based on the available data, the CIR Panel concludes that Lard Glyceride, Hydrogenated Lard Glyceride, Lard Glycerides, Hydrogenated Lard Glycerides, Lard and Hydrogenated Lard are safe as used in cosmetic products, provided that established limitations imposed on heavy metal and pesticide concentrations are not exceeded.	IJT 20(52):57-64, 2001
Lard Glycerides	SQ	Based on the available data, the CIR Panel concludes that Lard Glyceride, Hydrogenated Lard Glyceride, Lard Glycerides, Hydrogenated Lard Glycerides, Lard and Hydrogenated Lard are safe as used in cosmetic products, provided that established limitations imposed on heavy metal and pesticide concentrations are not exceeded.	IJT 20(52):57-64, 2001
Lauramide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Lauramide DEA...	JACT 5(5):415-454, 1986; IJT 32(Suppl. 1):36-58, 2013
Lauramide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Lauramide MEA...	IJT 34(Suppl.1):18-34, 2015
Lauramide MIPA	SQ	The CIR Expert Panel concluded that the 14 alkyl amide MIPA ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Lauramide MIPA...	Final Report 12/2019 Available from CIR
Lauramide/Myristamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Lauramide/Myristamide DEA...	IJT 32(Suppl. 1):36-58, 2013
Lauramidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Lauramidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Lauramidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Lauramidopropyl Dimethylamine...	IJT 38(S1):39-69,2019
Lauramidopropyl Hydroxysultaine	S		Final Report 06/2018 Available from CIR
Lauramine	I	The safety of Lauramine and Stearamine has not been documented and substantiated. The CIR Expert Panel cannot conclude whether these ingredients are safe for use in cosmetic products until the appropriate safety data have been obtained and evaluated.	JACT 14(3):196-203, 1995
Lauramine Oxide	SQ	On the basis of the available animal and clinical data presented in this report, the CIR Expert Panel concludes that Lauramine Oxide and Stearamine Oxide are safe as cosmetic ingredients for "rinse-off" products under present conditions of use. For use in "leave-on" products, the Expert Panel concludes that Lauramine Oxide should be limited to 3.7% and Stearamine Oxide to 5%.	JACT 13(3):231-245, 1994; IJT 30(Suppl. 2):73-127, 2011
Laurdimonium Hydroxypropyl Hydrolyzed Wheat Starch	S		Final Report 9/2015 Available from CIR
Laureth-1	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laureth-1...	IJT 31(Suppl. 2):169-244, 2012
Laureth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laureth-10...	IJT 31(Suppl. 2):169-244, 2012
Laureth-100	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laureth-100...	IJT 31(Suppl. 2):169-244, 2012
Laureth-11	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laureth-11...	IJT 31(Suppl. 2):169-244, 2012
Laureth-12	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laureth-12...	IJT 31(Suppl. 2):169-244, 2012

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Ingredient	Finding†	Conclusion	Citation‡
Laureth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laureth-5...	IJT 31(Suppl. 2):169-244, 2012
Laureth-50	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laureth-50...	IJT 31(Suppl. 2):169-244, 2012
Laureth-6	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laureth-6...	IJT 31(Suppl. 2):169-244, 2012
Laureth-7	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laureth-7...	IJT 31(Suppl. 2):169-244, 2012
Laureth-8	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laureth-8...	IJT 31(Suppl. 2):169-244, 2012
Laureth-9	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Laureth-9...	IJT 31(Suppl. 2):169-244, 2012
Lauric Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Lauric Acid...	Final Report 04/2019 Available from CIR
Lauric/Palmitic/Oleic Triglyceride	S		Final Report 12/2017 Available from CIR
Lauriminodipropionic Acid	S		IJT 32(Suppl. 3):49-55, 2013
Lauroyl Arginine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Lauroyl Arginine	IJT 36(Suppl. 1):17-56, 2017
Lauroyl Collagen Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Lauroyl Collagen Amino Acids	IJT 36(Suppl. 1):17-56, 2017
Lauroyl Ethyltrimonium Methosulfate	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Lauroyl Ethyltrimonium Methosulfate...	IJT 31(Suppl. 3):296-341, 2012
Lauroyl Glutamic Acid	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Lauroyl Glutamic Acid	IJT 36(Suppl. 1):17-56, 2017
Lauroyl Lysine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Lauroyl Lysine...	IJT 36(Suppl. 1):17-56, 2017
Lauroyl Proline	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Lauroyl Proline...	IJT 36(Suppl. 1):17-56, 2017
Lauroyl Sarcosine	SQ	The CIR Expert Panel concluded that the following ingredients are safe as used in cosmetics when formulated to be non-irritating. The Expert Panel cautions that these ingredients should not be used in cosmetic products in which N-nitroso compounds can be found...Lauroyl Sarcosine...	IJT 20(S1):1-14, 2001;Final Report 9/2016 Available from CIR
Lauroyl Silk Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Lauroyl Silk Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
Laurtrimonium Bromide	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Laurtrimonium Bromide...	IJT 31(Suppl. 3):296-341, 2012
Laurtrimonium Chloride	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Laurtrimonium Chloride...	IJT 31(Suppl. 3):296-341, 2012
Lauryl Acrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Lauryl Acrylate Crosspolymer...	Final Report 12/2018 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Lauryl Acrylate/VA Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Lauryl Acrylate/VA Copolymer...	Final Report 12/2018 Available from CIR
Lauryl Acrylate/VA Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Lauryl Acrylate/VA Crosspolymer...	Final Report 12/2018 Available from CIR
Lauryl Behenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Lauryl Betaine	SQ	The CIR Expert Panel concluded that the eleven alkyl betaines listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Lauryl Betaine...	Final Report 3/2014 Available from CIR
Lauryl Cocoate	SQ	The CIR Expert Panel concludes that Ammonium Cocomonoglyceride Sulfate, Butylene Glycol Cocoate, Caprylic/Capric/Coco Glycerides, Cocoglycerides, Coconut Acid, Coconut Alcohol, Coconut Oil Decyl Esters, Cocos Nucifera (Coconut) Oil, Decyl Cocoate, Ethylhexyl Cocoate, Hydrogenated Coco-Glycerides, Hydrogenated Coconut Acid, Hydrogenated Coconut Oil, Isodecyl Cocoate, Lauryl Cocoate, Magnesium Cocoate, Methyl Cocoate, Octyldodecyl Cocoate, Pentaerythrityl Cocoate, Potassium Cocoate, Potassium Hydrogenated Cocoate, Sodium Cocoate, Sodium Cocomonoglyceride Sulfate, Sodium Hydrogenated Cocoate, and Tridecyl Cocoate are safe for use as cosmetic ingredients.	IJT 30(Suppl. 1):5-16, 2011; IJT 34(Suppl.2):5-69, 2015
Lauryl Dimethicone PEG-15 Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
Lauryl Dimethicone/Polyglycerin-3 Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
Lauryl Ethylhexanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Lauryl Ethylhexanoate...	IJT 34(Suppl.3):61-73, 2015
Lauryl Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...Lauryl Glucoside...	IJT 32(Suppl. 3):22-48, 2013
Lauryl Glycol	S		IJT 31(Suppl. 2):147-168, 2012
Lauryl Hydroxysultaine	S		Final Report 06/2018 Available from CIR
Lauryl Isopentyl-PEG/PPG-18/18 Methicone	S		Final Report 12/2014 Available from CIR
Lauryl Isostearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Lauryl Lactate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Lauryl Lactate...	IJT 17(S1):1-241, 1998; IJT 36(Suppl 2):14-58, 2017
Lauryl Laurate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Lauryl Methacrylate	SQ	Based on available data, the CIR Expert Panel concluded that ... Lauryl Methacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IJT 24(Suppl 5):53-100, 2005
Lauryl Methacrylate/Glycol Dimethacrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Lauryl Methacrylate/Glycol Dimethacrylate Crosspolymer...	Final Report 12/2018 Available from CIR
Lauryl Methacrylate/Sodium Methacrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Lauryl Methacrylate/Sodium Methacrylate Crosspolymer...	Final Report 12/2018 Available from CIR
Lauryl Myristate	S		IJT 29(Suppl. 3):162-186,2010; IJT 34(Suppl.2):5-69, 2015
Lauryl Oleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Lauryl PEG-10 Methyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
Lauryl PEG-10 Tris(trimethylsiloxy)silyethyl Dimethicone	S		Final Report 12/2014 Available from CIR
Lauryl PEG-8 Dimethicone	S		Final Report 12/2014 Available from CIR
Lauryl PEG-8 PPG-8 Dimethicone	S		Final Report 12/2014 Available from CIR
Lauryl PEG-9 Polydimethylsiloxyethyl Dimethicone	S		Final Report 12/2014 Available from CIR
Lauryl PEG/PPG-18/18 Methicone	S		Final Report 12/2014 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Lauryl Palmitate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Lauryl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Lauryl Phosphate...	IJT 38(S2):12-32,2019
Lauryl Polydimethylsiloxylethyl Dimethicone/Bis-Vinyldimethicone Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
Lauryl Polyglyceryl-3 Polydimethylsiloxylethyl Dimethicone	S		Final Report 12/2014 Available from CIR
Lauryl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Lauryl Sultaine	S		Final Report 06/2018 Available from CIR
Lauryl/Myristyl Benzoate	S		IJT 31(Suppl.3):342-372, 2012
Lecithin	S		IJT 39(S2):5-25,2020
Lecithinamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Lecithinamide DEA...	IJT 32(Suppl. 1):36-58, 2013
Lessonia Nigrescens Extract	I	The Panel also concluded that the available data are insufficient to support a conclusion of safety for the remaining 14 ingredients are under intended conditions of use in cosmetic formulations	Final Report 09/2019 Available from CIR
Lessonia Nigrescens Powder	I	The Panel also concluded that the available data are insufficient to support a conclusion of safety for the remaining 14 ingredients are under intended conditions of use in cosmetic formulations	Final Report 09/2019 Available from CIR
Leucine	S		IJT 32(Suppl. 4):41-64, 2013
Levan	S		IJT 35(Suppl. 1):5-49, 2016
Lignoceryl Erucate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Limnanthes Alba (Meadowfoam) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Limon (Lemon) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Linoleamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Linoleamide DEA...	JACT 5(5):415-454, 1986; IJT 32(Suppl. 1):36-58, 2013
Linoleamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Linoleamide MEA...	IJT 34(Suppl.1):18-34, 2015
Linoleamide MIPA	SQ	The CIR Expert Panel concluded that the 14 alkyl amide MIPA ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Linoleamide MIPA...	Final Report 12/2019 Available from CIR
Linoleamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Linoleamidopropyl Dimethylamine...	IJT 38(S1):39-69,2019
Linoleic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Linoleic Acid...	Final Report 04/2019 Available from CIR
Linolenic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Linolenic Acid...	Final Report 04/2019 Available from CIR
Linseed Acid	S		IJT 36(Suppl. 3):51-129, 2017
Linseed Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Linseed Oil PEG-8 Esters...	IJT 33(Suppl 4):13-39, 2014
Linseed Oil Polyglyceryl-4 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Linseed Oil Polyglyceryl-4 Esters...	Final Report 9/2016 Available from CIR
Linum Usitatissimum (Linseed) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Lithium Magnesium Silicate	S		IJT 22(Suppl. 1):37-102, 2003
Lithium Magnesium Sodium Silicate	S		IJT 22(Suppl. 1):37-102, 2003

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Ingredient	Finding†	Conclusion	Citation#
Lithium Stearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Lithium Stearate...	Final Report 04/2019 Available from CIR
Locust Bean Hydroxypropyltrimonium Chloride	S		IJT 34(Suppl. 1):35-65, 2015
Luffa Cylindrica Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Lupine Amino Acids	S		IJT 33(Suppl. 4):5-12, 2014
Lupinus Albus Oil Unsaponifiables	S		IJT 36(Suppl. 3):51-129, 2017
Lupinus Albus Protein	S		Final Report 9/2017 Available from CIR
Lupinus Albus Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Lycium Barbarum Amino Acids	S		IJT 33(Suppl. 4):5-12, 2014
Lycium Barbarum Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Lysine	S		IJT 32(Suppl. 4):41-64, 2013
Lysine HCl	S		IJT 32(Suppl. 4):41-64, 2013
Lysolecithin	S		IJT 39(S2):5-25,2020
Lysophosphatidic Acid	S		IJT 39(S2):5-25,2020
Lysophosphatidylethanolamine	S		IJT 39(S2):5-25,2020
Lysophosphatidylglycerol	S		IJT 39(S2):5-25,2020
MEA PPG-6 Laureth-7 Carboxylate	SQ	The CIR Expert Panel concluded that ethanolamine and the 12 related ethanolamine salts, listed below, are safe in the present practices of use and concentration described in this safety assessment (rinse-off products only) when formulated to be non-irritating. The Panel cautioned that ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...MEA PPG-6 Laureth-7 Carboxylate...	IJT 34(Suppl.2):84-98, 2015
MEA-Benzoate	SQ	The CIR Expert Panel concluded that ethanolamine and the 12 related ethanolamine salts, listed below, are safe in the present practices of use and concentration described in this safety assessment (rinse-off products only) when formulated to be non-irritating. The Panel cautioned that ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...MEA-Benzoate...	IJT 34(Suppl.2):84-98, 2015
MEA-Cocotate	SQ	The CIR Expert Panel concluded that ethanolamine and the 12 related ethanolamine salts, listed below, are safe in the present practices of use and concentration described in this safety assessment (rinse-off products only) when formulated to be non-irritating. The Panel cautioned that ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...MEA-Cococate...	IJT 34(Suppl.2):84-98, 2015
MEA-Hydrolyzed Collagen	S		Final Report 9/2017 Available from CIR
MEA-Hydrolyzed Silk	Z	The Panel also concluded that the available data are insufficient for determining the safety of two silk protein ingredients in cosmetic products ...MEA-Hydrolyzed Silk ...	IJT 39(S3):127-144,2020
MEA-Laureth Sulfate	SQ	The CIR Expert Panel concluded that ethanolamine and the 12 related ethanolamine salts, listed below, are safe in the present practices of use and concentration described in this safety assessment (rinse-off products only) when formulated to be non-irritating. The Panel cautioned that ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...MEA-Laureth Sulfate...	IJT 34(Suppl.2):84-98, 2015
MEA-Laureth-6 Carboxylate	SQ	The CIR Expert Panel concluded that ethanolamine and the 12 related ethanolamine salts, listed below, are safe in the present practices of use and concentration described in this safety assessment (rinse-off products only) when formulated to be non-irritating. The Panel cautioned that ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...MEA-Laureth-6 Carboxylate...	IJT 34(Suppl.2):84-98, 2015
MEA-Lauryl Sulfate	SQ	The CIR Expert Panel concluded that ethanolamine and the 12 related ethanolamine salts, listed below, are safe in the present practices of use and concentration described in this safety assessment (rinse-off products only) when formulated to be non-irritating. The Panel cautioned that ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...MEA-Lauryl Sulfate...	IJT 34(Suppl.2):84-98, 2015
MEA-PPG-8-Stearth-7 Carboxylate	SQ	The CIR Expert Panel concluded that ethanolamine and the 12 related ethanolamine salts, listed below, are safe in the present practices of use and concentration described in this safety assessment (rinse-off products only) when formulated to be non-irritating. The Panel cautioned that ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...MEA-PPG-8-Stearth-7 Carboxylate...	IJT 34(Suppl.2):84-98, 2015
MEA-Salicylate	SQ	Based on the available information, the CIR Expert Panel concluded that ... MEA-Salicylate... safe as used when formulated to be avoid skin irritation and when formulated to avoid increasing the skin's sun sensitivity,or, when increased sun sensitivity would be expected, directions for use induce the daily use of sun protection.	IJT 22(Suppl.3):1-108, 2003;IJT 34(Suppl.2):84-98, 2015
MEA-Sulfite	SQ	The CIR Expert Panel concluded that ethanolamine and the 12 related ethanolamine salts, listed below, are safe in the present practices of use and concentration described in this safety assessment (rinse-off products only) when formulated to be non-irritating. The Panel cautioned that ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...MEA-Sulfite...	IJT 34(Suppl.2):84-98, 2015
MEA-Tallowate	SQ	The CIR Expert Panel concluded that ethanolamine and the 12 related ethanolamine salts, listed below, are safe in the present practices of use and concentration described in this safety assessment (rinse-off products only) when formulated to be non-irritating. The Panel cautioned that ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...MEA-Tallowate...	IJT 34(Suppl.2):84-98, 2015

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Ingredient	Finding†	Conclusion	Citation‡
MEA-Undecylenate	SQ	The CIR Expert Panel concluded that ethanolamine and the 12 related ethanolamine salts, listed below, are safe in the present practices of use and concentration described in this safety assessment (rinse-off products only) when formulated to be non-irritating. The Panel cautioned that ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...MEA-Undecylenate...	IJT 34(Suppl.2):84-98, 2015
MIBK	SQ	Based on the available animal and clinical data in this report, the CIR Expert Panel concludes that MIBK is safe as used in nail polish removers and as an alcohol denaturant in cosmetic products.	IJT 23(Suppl. 1):29-57, 2004
MIPA-Dodecylbenzenesulfonate	SQ	Salts of alkylbenzene sulfonates, including ammonium dodecylbenzenesulfonate, calcium dodecylbenzenesulfonate, DEA-dodecylbenzenesulfonate, isopropylamine dodecylbenzenesulfonate, magnesium isodecylbenzenesulfonate, MIPA-dodecylbenzenesulfonate, potassium dodecylbenzenesulfonate, sodium decylbenzenesulfonate, SDDBS, sodium tridecylbenzenesulfonate, TEA-DBBS, and TEA-tridecylbenzenesulfonate, are safe as cosmetic ingredients in the practices of use given in this safety assessment when formulated to be nonirritating.	IJT 29(Suppl. 4):288-305, 2010
MIPA-Myristate	SQ	The CIR Expert Panel concluded that the 14 alkyl amide MIPA ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...MIPA-Myristate...	Final Report 12/2019 Available from CIR
Macadamia Integrifolia Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Macadamia Seed Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Macadamia Seed Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Macadamia Seed Oil Polyglyceryl-6 Esters Behenate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Macadamia Seed Oil Polyglyceryl-6 Esters Behenate...	Final Report 9/2016 Available from CIR
Macadamia Ternifolia Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Macadamia Ternifolia Seed Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Macadamia Ternifolia Seed Oil PEG-8 Esters...	IJT 33(Suppl 4):13-39, 2014
Macrocystis Pyrifera (Kelp)	S		Final Report 09/2019 Available from CIR
Macrocystis Pyrifera (Kelp) Blade/Pneumatocyst/Stipe Juice Extract	S		Final Report 09/2019 Available from CIR
Macrocystis Pyrifera (Kelp) Extract	S		Final Report 09/2019 Available from CIR
Macrocystis Pyrifera (Kelp) Juice	S		Final Report 09/2019 Available from CIR
Macrocystis Pyrifera (Kelp) Protein	S		Final Report 09/2019 Available from CIR
Magnesium Acetate	S		IJT 31(Suppl. 1):112-136, 2012
Magnesium Alginate	S		Final Report 9/2015 Available from CIR
Magnesium Aluminum Silicate	S		IJT 22(Suppl. 1):37-102, 2003
Magnesium Ascorbate	S		IJT 24(Suppl. 2):51-111, 2005
Magnesium Ascorbyl Phosphate	S		IJT 24(Suppl. 2):51-111, 2005
Magnesium Aspartate	S		IJT 32(Suppl. 4):41-64, 2013
Magnesium Benzoate	S		IJT 36(Suppl. 3):5-30, 2017
Magnesium Carbonate	SQ	The CIR Expert Panel concluded that the following 6 carbonate salts are safe in the present practices of use and concentration, as described in this safety assessment, when formulated to be non-irritating...Magnesium Carbonate...	Final Report 12/2016 Available from CIR
Magnesium Citrate	S		IJT 33(Suppl.2):16-46, 2014
Magnesium Coceth Sulfate	S		IJT 29(Suppl. 3):151-161,2010
Magnesium Coco-Sulfate	S		IJT 29(Suppl. 2):115-132, 2010
Magnesium Cocoate	S		IJT 30(Suppl. 1):5-16, 2011;IJT 36(Suppl. 3):51-129, 2017
Magnesium Glycinate	S		IJT 32(Suppl. 4):41-64, 2013
Magnesium Hydrogen Phosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Magnesium Hydrogen Phosphate...	Final Report 9/2016 Available from CIR
Magnesium Hydroxide	SQ	The CIR Expert Panel concluded that ... Magnesium Hydroxide is safe in hair straighteners and depilatories under conditions of recommended use; users should minimize skin contact. Å These ingredients are safe for all other present practices of use and concentration described in this safety assessment when formulated to be nonirritating.	Final Report 12/2015 Available from CIR
Magnesium Isododecylbenzenesulfonate	SQ	Salts of alkylbenzene sulfonates, including ammonium dodecylbenzenesulfonate, calcium dodecylbenzenesulfonate, DEA-dodecylbenzenesulfonate, isopropylamine dodecylbenzenesulfonate, magnesium isodecylbenzenesulfonate, MIPA-dodecylbenzenesulfonate, potassium dodecylbenzenesulfonate, sodium decylbenzenesulfonate, SDDBS, sodium tridecylbenzenesulfonate, TEA-DBBS, and TEA-tridecylbenzenesulfonate, are safe as cosmetic ingredients in the practices of use given in this safety assessment when formulated to be nonirritating.	IJT 29(Suppl. 4):288-305, 2010

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Ingredient	Finding†	Conclusion	Citation‡
Magnesium Lanolate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Magnesium Lanolate...	Final Report 04/2019 Available from CIR
Magnesium Laurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Magnesium Laurate...	Final Report 04/2019 Available from CIR
Magnesium Laureth Sulfate	S		IJT 29(Suppl. 3) :151-161,2010
Magnesium Laureth-3 Sulfosuccinate	SQ	The CIR Expert Panel concluded that the following cosmetic ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Magnesium Laureth-3 Sulfosuccinate...	IJT 34(Suppl. 2):70-83, 2015
Magnesium Methyl Cocoyl Taurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Magnesium Methyl Cocoyl Taurate...	Final Report 12/2015 Available from CIR
Magnesium Myreth Sulfate	S		IJT 29(Suppl. 3) :151-161,2010
Magnesium Myristate	S		IJT 29(Suppl. 3):162-186,2010
Magnesium Oleth Sulfate	S		IJT 29(Suppl. 3) :151-161,2010
Magnesium PCA	SQ	The CIR Expert Panel concluded that PCA (i.e., 2-pyrrolidone-5-carboxylic acid), calcium PCA, magnesium PCA, potassium PCA, and sodium PCA are safe in cosmetics in the present practices of use and concentration described in this safety assessment. PCA and its salts should not be used in cosmetic products in which N-nitroso compounds can be formed.	IJT 38(S2):5-11,2019
Magnesium Palmitate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Magnesium Palmitate...	Final Report 04/2019 Available from CIR
Magnesium Palmitoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Magnesium Palmitoyl Glutamate...	IJT 36(Suppl. 1):17-56, 2017
Magnesium Phosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Magnesium Phosphate...	Final Report 9/2016 Available from CIR
Magnesium Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...Magnesium Salicylate...	Final Report 04/2019 Available from CIR
Magnesium Silicate	S		IJT 22(Suppl. 1):37-102, 2003
Magnesium Stearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Magnesium Stearate	IJT 22(Suppl. 1):1-35, 2003; JACT 1(2):143-177, 1982;Final Report 04/2019 Available from CIR
Magnesium Sulfate	S		IJT 37(Suppl. 1):47-54, 2018
Magnesium Tallowate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Magnesium Tallowate...	Final Report 04/2019 Available from CIR
Magnesium Thioglycolate	SQ	Based on the available data, the CIR Expert Panel concluded that ... Magnesium Thioglycolate is safe for use in hair straighteners, permanent waves, tonics, dressings, and so forth, wave sets, other non-coloring hair products, and hair dyes and colors, as described in this safety assessment, at concentrations up to 1.2% (as Thioglycolic Acid). Hairdressers should avoid skin contact and minimize consumer skin exposure.	IJT 28(Suppl. 1):68-133, 2009
Magnesium Trisilicate	S		IJT 22(Suppl. 1):37-102, 2003
Magnesium/TEA-Coco-Sulfate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Magnesium/TEA-Coco-Sulfate...	IJT 32(Suppl. 1):59-83, 2013
Maleic Acid	S		IJT 26(Suppl. 2):125-130, 2007
Malic Acid	SQ	On the basis of the animal and clinical data included in this report, the CIR Expert Panel concludes that Malic Acid and Sodium Malate are safe for use as pH adjusters in cosmetic formulations. The Expert Panel determined that the data are insufficient to determine the safety of these ingredients for any other functions.	IJT 20(S1):47-55, 2001
Malonic Acid	S		IJT 31(Suppl 1):5-76, 2012
Maltitol	S		Final Report 9/2008 Available from CIR
Maltitol Laurate	S		Final Report 9/2008 Available from CIR;Final Report 12/2016 Available from CIR
Maltodextrin	S		Final Report 9/2015 Available from CIR
Maltodextrin/VP Copolymer	S		Final Report 12/2018 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Maltose	S		IT 38(S1):5-38,2019
Malus Domestica Callus Extract	Z	The Panel concluded that the available data are insufficient for evaluating the safety of the following 5 apple-derived ingredients in cosmetic products.	Final Report 4/2016 Available from CIR
Malus Domestica Fiber	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Malus Domestica Fiber...	Final Report 04/01/16 available from CIR
Malus Domestica Fruit Cell Culture Extract	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Malus Domestica Fruit Cell Culture Extract...	Final Report 4/2016 Available from CIR
Malus Domestica Fruit Extract	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Malus Domestica Fruit Extract...	Final Report 4/2016 Available from CIR
Malus Domestica Fruit Water	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Malus Domestica Fruit Water...	Final Report 4/2016 Available from CIR
Malus Domestica Juice	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Malus Domestica Juice...	Final Report 04/01/16 available from CIR
Malus Domestica Oil	Z	The Panel concluded that the available data are insufficient for evaluating the safety of the following 5 apple-derived ingredients in cosmetic products.	Final Report 04/01/16 available from CIR
Malus Domestica Stem Extract	Z	The Panel concluded that the available data are insufficient for evaluating the safety of the following 5 apple-derived ingredients in cosmetic products.	Final Report 04/01/16 available from CIR
Malus domestica (apple) seed oil (synonym of Pyrus Malus (Apple) Seed Oil)	S		IT 36(Suppl. 3):51-129, 2017
Manganese Citrate	S		IT 33(Suppl.2):16-46, 2014
Manganese Fructose Diphosphate	I	The Panel also concluded that the available data are insufficient to make a determination that the polyol phosphates listed be low are safe under the intended conditions of use in cosmetic formulations. ...Manganese Fructose Diphosphate...	Final Report 10/2018 Available from CIR
Manganese Tripeptide-1	S		Final Report 06/10/2014 Available from CIR
Mangifera Indica (Mango) Seed Butter	S		IT 36(Suppl. 3):51-129, 2017
Mangifera Indica (Mango) Seed Oil	S		IT 36(Suppl. 3):51-129, 2017
Mango Seed Oil PEG-70 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Mango Seed Oil PEG-70 Esters...	IT 33(Suppl 4):13-39, 2014
Mannan	S		Final Report 9/2015 Available from CIR
Mannitol	S		Final Report 12/2019 Available from CIR
Mannose	S		IT 38(S1):5-38,2019
Mauritia Flexuosa Seed Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Mauritia Flexuosa Seed Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Meadowfoamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Meadowfoamidopropyl Betaine...	IT 31(Suppl. 1):77-111, 2012
Melamine/Formaldehyde Resin	Z	The safety of this ingredient has not been documented and substantiated. The CIR Expert Panel cannot conclude whether Melamine/Formaldehyde Resin is safe for use in cosmetic products until such time that the appropriate safety data have been obtained and evaluated.	JACT 14(5):373-385, 1995
Melibiose	S		IT 38(S1):5-38,2019
Mentha Piperita (Peppermint) Extract	SQ	The CIR Expert Panel concluded that the following 7 Mentha piperita(peppermint)-derived ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-sensitizing...Mentha Piperita (Peppermint) Extract...	Final Report 3/2018 Available from CIR
Mentha Piperita (Peppermint) Flower/Leaf/Stem Extract	Z	The CIR Expert Panel also concluded that the available data are insufficient to make a determination that the following 3 Mentha piperita (peppermint)-derived ingredients are safe under the intended conditions of use in cosmetic formulations...Mentha Piperita (Peppermint) Flower/Leaf/Stem Extract...	Final Report 3/2018 Available from CIR
Mentha Piperita (Peppermint) Flower/Leaf/Stem Water	Z	The CIR Expert Panel also concluded that the available data are insufficient to make a determination that the following 3 Mentha piperita (peppermint)-derived ingredients are safe under the intended conditions of use in cosmetic formulations...Mentha Piperita (Peppermint) Flower/Leaf/Stem Water...	Final Report 3/2018 Available from CIR
Mentha Piperita (Peppermint) Leaf	SQ	The CIR Expert Panel concluded that the following 7 Mentha piperita(peppermint)-derived ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-sensitizing...Mentha Piperita (Peppermint) Leaf...	IT 20(suppl 3):61-73, 2001;Final Report 3/2018 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Mentha Piperita (Peppermint) Leaf Cell Extract	SQ	The CIR Expert Panel concluded that the following 7 Mentha piperita(peppermint)-derived ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-sensitizing...Mentha Piperita (Peppermint) Leaf Cell Extract...	Final Report 3/2018 Available from CIR
Mentha Piperita (Peppermint) Leaf Extract	SQ	The CIR Expert Panel concluded that the following 7 Mentha piperita(peppermint)-derived ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-sensitizing...Mentha Piperita (Peppermint) Leaf Extract...	IJT 20(suppl 3):61-73, 2001;Final Report 3/2018 Available from CIR
Mentha Piperita (Peppermint) Leaf Juice	SQ	The CIR Expert Panel concluded that the following 7 Mentha piperita(peppermint)-derived ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-sensitizing...Mentha Piperita (Peppermint) Leaf Juice...	Final Report 3/2018 Available from CIR
Mentha Piperita (Peppermint) Leaf Water	SQ	The CIR Expert Panel concluded that the following 7 Mentha piperita(peppermint)-derived ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-sensitizing...Mentha Piperita (Peppermint) Leaf Water...	IJT 20(suppl 3):61-73, 2001;Final Report 3/2018 Available from CIR
Mentha Piperita (Peppermint) Meristem Cell Culture	Z	The CIR Expert Panel also concluded that the available data are insufficient to make a determination that the following 3 Mentha piperita (peppermint)-derived ingredients are safe under the intended conditions of use in cosmetic formulations...Mentha Piperita (Peppermint) Meristem Cell Culture...	Final Report 3/2018 Available from CIR
Mentha Piperita (Peppermint) Oil	SQ	The CIR Expert Panel concluded that the following 7 Mentha piperita(peppermint)-derived ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-sensitizing...Mentha Piperita (Peppermint) Oil...	IJT 20(suppl 3):61-73, 2001;Final Report 3/2018 Available from CIR
Metaphosphoric Acid	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Metaphosphoric Acid...	Final Report 9/2016 Available from CIR
Methacrylic Acid	SQ	Based on the available animal, clinical, and other data included in this report, the CIR Expert Panel concludes that Methacrylic Acid is safe as used as a nail primer by trained professionals, but there are insufficient data for retail use by consumers.	IJT 24(Suppl 5):33-51, 2005
Methacrylic Acid/PEG-6 Methacrylate/PEG-6 Dimethacrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Methacrylic Acid/PEG-6 Methacrylate/PEG-6 Dimethacrylate Crosspolymer...	Final Report 12/2018 Available from CIR
Methacrylic Acid/Styrene/VP Copolymer	S		Final Report 12/2018 Available from CIR
Methacryloyl Ethyl Betaine/Acrylates Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Methacryloyl Ethyl Betaine/Acrylates Copolymer...	Final Report 12/2018 Available from CIR
Methacryloyloxypropyl Polysilsesquioxane	S		Final Report 12/2017 Available from CIR
Methenamine	SQ	On the basis of the animal and clinical data presented in this report, the CIR Expert Panel concludes that Methenamine is safe for cosmetic use at concentrations not to exceed 0.16% in formulation. It cannot be concluded that Methenamine is safe for use in cosmetic products intended to be aerosolized.	JACT 11(4):531-558, 1992; IJT 30(Suppl. 2):73-127, 2011
Methicone	S		IJT 22(Suppl. 2):11-35, 2003
Methionine	S		IJT 32(Suppl. 4):41-64, 2013
Methoxy PEG-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Methoxy PEG-10...	IJT 31(Suppl. 2):169-244, 2012
Methoxy PEG-10 Polysilsesquioxane	S		Final Report 12/2017 Available from CIR
Methoxy PEG-100	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Methoxy PEG-100...	IJT 31(Suppl. 2):169-244, 2012
Methoxy PEG-11 Methoxy PPG-24 Dimethicone	S		Final Report 12/2014 Available from CIR
Methoxy PEG-13 Ethyl Polysilsesquioxane	S		Final Report 12/2014 Available from CIR
Methoxy PEG-16	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Methoxy PEG-16...	IJT 31(Suppl. 2):169-244, 2012
Methoxy PEG-17/Methoxy PEG-11/HDI Crosspolymer	S		Final Report 06/2016 available from CIR
Methoxy PEG-17/Methoxy PEG-11/HDI Isocyanurate Trimer Crosspolymer	S		Final Report 06/2016 available from CIR
Methoxy PEG-23 Methacrylate/Glyceryl Diisostearate Methacrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Methoxy PEG-23 Methacrylate/Glyceryl Diisostearate Methacrylate Copolymer...	Final Report 12/2018 Available from CIR

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Ingredient	Finding†	Conclusion	Citation#
Methoxy PEG-25	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Methoxy PEG-25...	IJT 31(Suppl. 2):169-244, 2012
Methoxy PEG-40	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Methoxy PEG-40...	IJT 31(Suppl. 2):169-244, 2012
Methoxy PEG-7	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Methoxy PEG-7...	IJT 31(Suppl. 2):169-244, 2012
Methoxy PEG/PPG-25/4 Dimethicone	S		Final Report 12/2014 Available from CIR
Methoxydiglycol Methacrylate	SQ	Based on available data, the CIR Expert Panel concluded that... Methoxydiglycol Methacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IJT 24(Suppl 5):53-100, 2005
Methoxyisopropanol	S		IJT 27(Suppl. 2):25-39, 2008
Methoxyisopropyl Acetate	S		IJT 27(Suppl. 2):25-39, 2008
Methyl Acetate	S		IJT 31(Suppl. 1):112-136, 2012
Methyl Alcohol	SQ	Based on the data presented in this safety assessment, the CIR Expert Panel concludes that Methyl Alcohol is safe as used to denature alcohol used in cosmetic products.	IJT 20(S1):57-85, 2001
Methyl Benzoate	S		IJT 31(Suppl.3):342-372, 2012
Methyl Cocoate	S		IJT 30(Suppl. 1):5-16, 2011
Methyl Cyclodextrin	S		Final Report 9/2015 Available from CIR
Methyl Ethylcellulose	S		Final Report 3/2009 Available from CIR
Methyl Gluceth-10	S		IJT 35(Suppl. 2):12-40, 2016
Methyl Gluceth-20	S		IJT 35(Suppl. 2):12-40, 2016
Methyl Glucose Caprylate/Caprates	S		IJT 35(Suppl. 2):12-40, 2016
Methyl Glucose Dioleate	S		IJT 35(Suppl. 2):12-40, 2016
Methyl Glucose Isostearate	S		IJT 35(Suppl. 2):12-40, 2016
Methyl Glucose Laurate	S		IJT 35(Suppl. 2):12-40, 2016
Methyl Glucose Sesquicaprylate/Sesquicaprate	S		IJT 35(Suppl. 2):12-40, 2016
Methyl Glucose Sesquicoate	S		IJT 35(Suppl. 2):12-40, 2016
Methyl Glucose Sesquiosostearate	S		IJT 35(Suppl. 2):12-40, 2016
Methyl Glucose Sesquilaurate	S		IJT 35(Suppl. 2):12-40, 2016
Methyl Glucose Sesquioleate	S		IJT 35(Suppl. 2):12-40, 2016
Methyl Glucose Sesquisteareate	S		IJT 35(Suppl. 2):12-40, 2016
Methyl Glycolate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Methyl Glycolate...	IJT 17(S1):1-241, 1998; IJT 36(Suppl 2):14-58, 2017
Methyl Glycyrrhizate	S		IJT 26(Suppl. 2):79-112, 2007
Methyl Hydroxyethylcellulose	S		Final Report 3/2009 Available from CIR
Methyl Lactate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Methyl Lactate...	IJT 17(S1):1-241, 1998; IJT 36(Suppl 2):14-58, 2017
Methyl Methacrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Methyl Methacrylate Crosspolymer...	Final Report 12/2018 Available from CIR
Methyl Methacrylate/Glycol Dimethacrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Methyl Methacrylate/Glycol Dimethacrylate Crosspolymer...	Final Report 12/2018 Available from CIR

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Ingredient	Finding†	Conclusion	Citation#
Methyl Methacrylate/PEG/PPG-4/3 Methacrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Methyl Methacrylate/PEG/PPG-4/3 Methacrylate Crosspolymer...	Final Report 12/2018 Available from CIR
Methyl Myristate	S		IJT 29(Suppl. 3):162-186,2010
Methyl Myristic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Methyl Myristic Acid...	Final Report 04/2019 Available from CIR
Methyl Pelargonate	S		Final Report 3/2015 Available from CIR
Methyl Ricinoleate	S		IJT 26(Suppl. 3):31-77, 2007
Methyl Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...Methyl Salicylate...	Final Report 04/2019 Available from CIR
Methyl Thioglycolate	SQ	Based on the available data, the CIR Expert Panel concluded that ... Methyl Thioglycolate is safe for use in hair straighteners, permanent waves, tonics, dressings, and so forth, wave sets, other non-coloring hair products, and hair dyes and colors, as described in this safety assessment, at concentrations up to 1.2% (as Thioglycolic Acid). Hairdressers should avoid skin contact and minimize consumer skin exposure.	IJT 28(Suppl. 1):68-133, 2009
p-Methylaminophenol Sulfate	S		JACT 10(1):53-65, 1991;Final Report 12/2007 Available from CIR
p-Methylaminophenol	S		Final Report 12/2007 Available from CIR
Methylbenzethonium Chloride	SQ	On the basis of the available animal and clinical data, the Expert Panel concludes that Benzethonium Chloride and Methylbenzethonium Chloride are safe at concentrations of 0.5 percent in cosmetics applied to the skin. A maximum concentration of 0.02 percent is safe for cosmetics used in the eye area. Note: FDA has prohibited the use of Methylene Chloride in cosmetic products, action which supercedes this CIR conclusion (21CFR700.19).	JACT 4(5):65-106, 1985; IJT 25(Suppl. 2) :1-89,2006
Methylcellulose	S		Final Report 3/2009 Available from CIR
Methylchloroisothiazolinone	SQ	The Panel concluded that the ingredient mixture MCI/MI is safe in cosmetics when formulated to be non-sensitizing, based on the results of a QRA or similar methodology; however, at no point should concentrations exceed 7.5 ppm in leave-on products or 15 ppm in rinse-off products.	Final Report 12/2019 Available from CIR
Methyldibromo Glutaronitrile	SQ	Based on the available data, the CIR Expert Panel concludes Methyldibromo Glutaronitrile to be safe as used in rinse off products, and safe up to 0.025% in leave on products.	JACT 15(2):140-165, 1996; IJT 36(Suppl 2):14-58, 2017
Methylene Chloride	SQ	On the basis of the data included in this report, the CIR Expert Panel concludes that MeCl2 is safe for use in cosmetic products designed for brief discontinuous use. *Note: FDA has prohibited the use of Methylene Chloride in cosmetic products, action which supercedes this CIR conclusion (21CFR700.19).	JACT 7(6):741-835, 1988; IJT 27(Suppl. 1):77-142, 2008
Methylene Glycol	S;SQ;U	The CIR Expert Panel concluded that formaldehyde and methylene glycol are safe for use in cosmetics when formulated to ensure use at the minimal effective concentration, but in no case should the formalin concentration exceed 0.2% (w/w), which would be 0.074% (w/w) calculated as formaldehyde or 0.118% (w/w) calculated as methylene glycol. Additionally, formaldehyde and methylene glycol are safe in the present practices of use and concentration in nail hardening products. However, formaldehyde and methylene glycol are unsafe in the present practices of use and concentration in hair smoothing products (a.k.a. hair straightening products). Formalin is an aqueous solution wherein formaldehyde (gas) has been added to water to a saturation point, which is typically 37% formaldehyde (w/w). Because of the equilibrium between formaldehyde and methylene glycol in aqueous solution, formalin is composed of both formaldehyde and methylene glycol.	IJT 32(Suppl. 4):5-32, 2013
Methylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...Methylparaben...	JACT 3(5):147-209, 1984; Å IJT 27 (Suppl. 4):1-82, 2008;Final Report 09/2019 Available from CIR
Methylpropanediol	S		Final Report 06/2018 available from CIR
Methylstyrene/Vinyltoluene Copolymer	S		Final Report 9/2014 Available from CIR
Microcitrus Australasica Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxy psoralen (5-MOP)...Microcitrus Australasica Fruit Extract...	Final Report 12/2015 Available from CIR
Microcitrus Australis Fruit Extract	SQ	The CIR Expert Panel concluded the following Citrus fruit-derived ingredients are safe for use in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-methoxy psoralen (5-MOP)...Microcitrus Australis Fruit Extract...	Final Report 12/2015 Available from CIR
Microcrystalline Cellulose	S		Final Report 3/2009 Available from CIR
Microcrystalline Wax	S		JACT 3(3):43-99, 1984; IJT 24(Suppl. 1):1-102, 2005

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Ingredient	Finding†	Conclusion	Citation‡
Milk Amino Acids	S		IJT 33(Suppl 4):5-12, 2014
Milk Protein	S		Final Report 9/2017 Available from CIR
Milk Protein Extract	S		Final Report 9/2017 Available from CIR
Milkamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Milkamidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Mink Oil	S		IJT 17(S4):71-81, 1998; IJT 24(Suppl. 3):57-64, 2005
Mink Oil PEG-13 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Mink Oil PEG-13 Esters...	IJT 33(Suppl 4):13-39, 2014
Minkamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Minkamide DEA...	IJT 32(Suppl. 1):36-58, 2013
Minkamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Minkamidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Minkamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Minkamidopropyl Dimethylamine...	IJT 38(S1):39-69,2019
Mixed Cresols	Z	The CIR Expert panel concludes Sodium p-Chloro-m-Cresol, p-Chloro-m-Cresol, Chlorothymol, m-Cresol, o-Cresol, Isopropyl Cresols, Thymol, o-Cymen-5-ol, Cavacrol are safe at concentrations up to 0.5% in cosmetics; however, the available data are insufficient to support the safety of p-Cresol and Mixed Cresols for use in cosmetic products.	IJT 25(Suppl. 1):29-127, 2006
Mixed Isopropanolamine	SQ	The Panel concludes that Diisopropanolamine, Triisopropanolamine, Isopropanolamine, and Mixed Isopropanolamines are safe as cosmetic ingredients in the present practices of use and concentration. The isopropanolamines should not be used in products containing N-nitrosating agents.	JACT 6(1):53-76, 1987; IJT 25(Suppl. 2) :1-89,2006
Mixed Isopropanolamines	SQ	The Panel concludes that Diisopropanolamine, Triisopropanolamine, Isopropanolamine, and Mixed Isopropanolamines are safe as cosmetic ingredients in the present practices of use and concentration. The isopropanolamines should not be used in products containing N-nitrosating agents.	JACT 6(1):53-76, 1987; IJT 25(Suppl. 2) :1-89,2006
Monoethanolamine	SQ	The CIR Expert Panel concluded that ethanolamine and the 12 related ethanolamine salts, listed below, are safe in the present practices of use and concentration described in this safety assessment (rinse-off products only) when formulated to be non-irritating. The Panel cautioned that ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Monoethanolamine...	JACT 2(7):183-235, 1983; IJT 34(Suppl.2):84-98, 2015
Monosodium Citrate	S		IJT 33(Suppl.2):16-46, 2014
Montan Wax	S		JACT 3(3):43-99, 1984; IJT 24(Suppl. 1):1-102, 2005
Montmorillonite	S		IJT 22(Suppl. 1):37-102, 2003
Morinda Citrifolia Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Moringa Oleifera Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Moringa Pterygosperma Seed Oil (another name for Moringa Oleifera Seed Oil)	S		IJT 36(Suppl. 3):51-129, 2017
Morpholine	UNS	The safety of this ingredient has not been documented and substantiated. The CIR Expert Panel cannot conclude that Morpholine is safe for use in cosmetic products until such time that the appropriate safety data have been obtained and evaluated.	JACT 8(4):707-748, 1989
Myreth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Myreth-10...	IJT 31(Suppl. 2):169-244, 2012
Myreth-2	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Myreth-2...	IJT 31(Suppl. 2):169-244, 2012
Myreth-3	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Myreth-3...	IJT 31(Suppl. 2):169-244, 2012
Myreth-4	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Myreth-4...	IJT 31(Suppl. 2):169-244, 2012

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Ingredient	Finding†	Conclusion	Citation‡
Myreth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Myreth-5...	IJT 31(Suppl. 2):169-244, 2012
Myristamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Myristamide DEA...	Final Report 8/1995 Available from CIR; IJT 32(Suppl. 1):36-58, 2013
Myristamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Myristamide MEA	Final Report 8/1995 Available from CIR; IJT 34(Suppl.1):18-34, 2015
Myristamide MIPA	SQ	The CIR Expert Panel concluded that the 14 alkyl amide MIPA ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Myristamide MIPA...	Final Report 12/2019 Available from CIR
Myristamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Myristamidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Myristamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Myristamidopropyl Dimethylamine...	IJT 38(S1):39-69,2019
Myristamidopropyl Hydroxysultaine	S		Final Report 06/2018 Available from CIR
Myristic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Myristic Acid...	Final Report 04/2019 Available from CIR
Myristoyl Ethyltrimonium Methosulfate	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Myristoyl Ethyltrimonium Methosulfate...	IJT 31(Suppl. 3):296-341, 2012
Myristoyl Glutamic Acid	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Myristoyl Glutamic Acid...	IJT 36(Suppl. 1):17-56, 2017
Myristoyl Hexapeptide-12	S		Final Report 06/10/2014 Available from CIR
Myristoyl Pullulan	S		IJT 35(Suppl. 1):5-49, 2016
Myristoyl Sarcosine	SQ	The CIR Expert Panel concluded that the following ingredients are safe as used in cosmetics when formulated to be non-irritating. The Expert Panel cautions that these ingredients should not be used in cosmetic products in which N-nitroso compounds can be found...Myristoyl Sarcosine...	IJT 20(S1):1-14, 2001;Final Report 9/2016 Available from CIR
Myristoyl Tripeptide-1	S		Final Report 06/10/2014 Available from CIR
Myristyl Acetate	S		IJT 31(Suppl. 1):112-136, 2012
Myristyl Alcohol	S		JACT 7(3):359-413, 1988; IJT 27(Suppl. 1):77-142, 2008
Myristyl Betaine	SQ	The CIR Expert Panel concluded that the eleven alkyl betaines listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Myristyl Betaine...	Final Report 3/2014 Available from CIR
Myristyl Ethylhexanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Myristyl Ethylhexanoate...	IJT 34(Suppl.3):61-73, 2015
Myristyl Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...Myristyl Glucoside...	IJT 32(Suppl. 3):22-48, 2013
Myristyl Glycol	S		IJT 31(Suppl. 2):147-168, 2012
Myristyl Isostearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Myristyl Lactate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Myristyl Lactate...	JACT 1(2):97-107, 1982; IJT 17(S1):1-241, 1998; IJT 36(Suppl 2):14-58, 2017
Myristyl Laurate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015

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Myristyl Myristate	S		JACT 1(4):55-80, 1982; IJT 24(Suppl. 1):1-102, 2005; IJT 29(Suppl. 3):162-186,2010; IJT 34(Suppl.2):5-69, 2015
Myristyl Neopentanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Myristyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Myristyl Phosphate...	IJT 38(52):12-32,2019
Myristyl Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...Myristyl Salicylate...	Final Report 04/2019 Available from CIR
Myristyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	JACT 4(5):107-146, 1985; IJT 24(Suppl. 1):1-102, 2005; IJT 34(Suppl.2):5-69, 2015
Myristyl Sultaine	S		Final Report 06/2018 Available from CIR
Myrtrimonium Bromide	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Myrtrimonium Bromide...	IJT 31(Suppl. 3):296-341, 2012
N,N-Bis(2-Hydroxyethyl)-p-Phenylenediamine Sulfate	S		JACT 11(1):129-143, 1992
N-Phenyl-p-Phenylenediamine	SQ	On the basis of the data included in this report, the CIR Expert Panel concludes that N-Phenyl-p-Phenylenediamine... safe for use in hair dyes at concentrations up to 1.7% (as the free base).	JACT 13(5):374-394, 1994; IJT 30(Suppl. 2):73-127, 2011
N-Phenyl-p-Phenylenediamine HCl	SQ	On the basis of the data included in this report, the CIR Expert Panel concludes that ... N-Phenyl-p-Phenylenediamine Hydrochloride... safe for use in hair dyes at concentrations up to 1.7% (as the free base).	JACT 13(5):374-394, 1994; IJT 30(Suppl. 2):73-127, 2011
N-Phenyl-p-Phenylenediamine Sulfate	SQ	On the basis of the data included in this report, the CIR Expert Panel concludes that ... N-Phenyl-p-Phenylenediamine Sulfate are safe for use in hair dyes at concentrations up to 1.7% (as the free base).	JACT 13(5):374-394, 1994; IJT 30(Suppl. 2):73-127, 2011
Neopentyl Glycol Dicaprate	S		Final Report 9/2017 Available from CIR
Neopentyl Glycol Dicaprylate/Dicaprate	S		Final Report 9/2017 Available from CIR
Neopentyl Glycol Dicaprylate/Dipelargonate/Dicaprate	S		IJT 30(Suppl. 3):228-269, 2011;Final Report 9/2017 Available from CIR
Neopentyl Glycol Diethylhexanoate	S		Final Report 9/2017 Available from CIR
Neopentyl Glycol Diheptanoate	S		Final Report 9/2017 Available from CIR
Neopentyl Glycol Diisononanoate	S		IJT 30(Suppl. 3):228-269, 2011;Final Report 9/2017 Available from CIR
Neopentyl Glycol Diisostearate	S		Final Report 9/2017 Available from CIR
Neopentyl Glycol Dilaurate	S		Final Report 9/2017 Available from CIR
Nereocystis Luetkeana Extract	S		Final Report 09/2019 Available from CIR
Niacin	S		IJT 24(Suppl 5):1-31, 2005
Niacinamide	S		IJT 24(Suppl 5):1-31, 2005
Nitrocellulose	S		IJT 35(Suppl. 1):50-59, 2016
Noneth-8	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Noneth-8...	IJT 31(Suppl. 2):169-244, 2012
Nonoxynol-1	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating..Nonoxynol-1...	IJT 18(51):11-31, 1999;Final Report 12/2015 Available from CIR
Nonoxynol-10	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating..Nonoxynol-10...	JACT 2(7):35-60, 1983;Final Report 12/2015 Available from CIR
Nonoxynol-100	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating..Nonoxynol-100...	Final Report 12/2015 Available from CIR
Nonoxynol-11	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating..Nonoxynol-11...	Final Report 12/2015 Available from CIR
Nonoxynol-12	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating..Nonoxynol-12...	JACT 2(7):35-60, 1983;Final Report 12/2015 Available from CIR
Nonoxynol-120	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating..Nonoxynol-120...	Final Report 12/2015 Available from CIR
Nonoxynol-13	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating..Nonoxynol-13...	Final Report 12/2015 Available from CIR
Nonoxynol-14	SQ	The CIR Expert Panel concluded that the following 27 Nonoxynols listed below are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating..Nonoxynol-14...	JACT 2(7):35-60, 1983;Final Report 12/2015 Available from CIR

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Ingredient	Finding†	Conclusion	Citation#
Oatamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Oatamide MEA...	IJT 34(Suppl.1):18-34, 2015
Oatamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Oatamidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Oatamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Oatamidopropyl Dimethylamine...	IJT 38(S1):39-69,2019
Octacosanyl Glycol	S		IJT 31(Suppl. 2):147-168, 2012
Octacosatrimonium Chloride	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Octacosatrimonium Chloride...	IJT 31(Suppl. 3):296-341, 2012
Octadecyl D-glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...Octadecyl D-glucoside...	IJT 32(Suppl. 3):22-48, 2013
Octanediol	I	The Panel also concluded that the available data are insufficient to make a determination that ... Octanediol ... is safe under the intended conditions of use in cosmetic formulations.	Final Report 06/2018 available from CIR
Octoxynol-1	SQ	The Panel also concluded that Octoxynols -1, ... is safe as used in rinse-off cosmetic products and safe at concentrations of 5% in leave-on cosmetic products.	IJT 23(Suppl. 1):59-111, 2004
Octoxynol-10	S		IJT 23(Suppl. 1):59-111, 2004
Octoxynol-11	S		IJT 23(Suppl. 1):59-111, 2004
Octoxynol-12	S		IJT 23(Suppl. 1):59-111, 2004
Octoxynol-13	S		IJT 23(Suppl. 1):59-111, 2004
Octoxynol-16	S		IJT 23(Suppl. 1):59-111, 2004
Octoxynol-20	S		IJT 23(Suppl. 1):59-111, 2004
Octoxynol-20 Carboxylic Acid	S		IJT 23(Suppl. 1):59-111, 2004
Octoxynol-25	S		IJT 23(Suppl. 1):59-111, 2004
Octoxynol-3	SQ	The Panel also concluded that ... Octoxynol-3 is safe as used in rinse-off cosmetic products and safe at concentrations of 5% in leave-on cosmetic products.	IJT 23(Suppl. 1):59-111, 2004
Octoxynol-30	S		IJT 23(Suppl. 1):59-111, 2004
Octoxynol-33	S		IJT 23(Suppl. 1):59-111, 2004
Octoxynol-40	S		IJT 23(Suppl. 1):59-111, 2004
Octoxynol-5	SQ	The Panel also concluded that ... Octoxynol-5 is safe as used in rinse-off cosmetic products and safe at concentrations of 5% in leave-on cosmetic products.	IJT 23(Suppl. 1):59-111, 2004
Octoxynol-6	SQ	The Panel also concluded that ... Octoxynol-6 is safe as used in rinse-off cosmetic products and safe at concentrations of 5% in leave-on cosmetic products.	IJT 23(Suppl. 1):59-111, 2004
Octoxynol-7	SQ	The Panel also concluded that ... Octoxynol-7 is safe as used in rinse-off cosmetic products and safe at concentrations of 5% in leave-on cosmetic products.	IJT 23(Suppl. 1):59-111, 2004
Octoxynol-70	S		IJT 23(Suppl. 1):59-111, 2004
Octoxynol-8	SQ	The Panel also concluded that ... Octoxynol-8 is safe as used in rinse-off cosmetic products and safe at concentrations of 5% in leave-on cosmetic products.	IJT 23(Suppl. 1):59-111, 2004
Octoxynol-9	S		IJT 23(Suppl. 1):59-111, 2004
Octoxynol-9 Carboxylic Acid	S		IJT 23(Suppl. 1):59-111, 2004
Octyl Dodecanol	S		JACT 4(5):1-29, 1985; IJT 25(Suppl. 2) :1-89,2006
Octyl Palmitate	S		JACT 1(2):13-35, 1982; IJT 24(Suppl. 1):1-102, 2005; IJT 34(Suppl.2):5-69, 2015
Octyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	JACT 4(5):107-146, 1985; IJT 24(Suppl. 1):1-102, 2005; IJT 34(Suppl.2):5-69, 2015
Octyldecyl Oleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Octyldecyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Octyldecyl Phosphate...	IJT 38(S2):12-32, 2019
Octyldodecanol	S		JACT 4(5):1-29, 1985; IJT 25(Suppl. 2) :1-89,2006
Octyldodeceth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Octyldodeceth-10...	IJT 31(Suppl. 2):169-244, 2012
Octyldodeceth-16	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Octyldodeceth-16...	IJT 31(Suppl. 2):169-244, 2012

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Ingredient	Finding†	Conclusion	Citation#
Octyldodeceth-2	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Octyldodeceth-2...	IUT 31(Suppl. 2):169-244, 2012
Octyldodeceth-20	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Octyldodeceth-20...	IUT 31(Suppl. 2):169-244, 2012
Octyldodeceth-25	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Octyldodeceth-25...	IUT 31(Suppl. 2):169-244, 2012
Octyldodeceth-30	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Octyldodeceth-30...	IUT 31(Suppl. 2):169-244, 2012
Octyldodeceth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Octyldodeceth-5...	IUT 31(Suppl. 2):169-244, 2012
Octyldodecyl Avocadoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 34(Suppl.2):5-69, 2015
Octyldodecyl Beeswax	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 34(Suppl.2):5-69, 2015
Octyldodecyl Behenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 34(Suppl.2):5-69, 2015
Octyldodecyl Benzoate	S		IUT 31(Suppl.3):342-372, 2012
Octyldodecyl Cocoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 30(Suppl. 1):5-16, 2011; IUT 34(Suppl.2):5-69, 2015
Octyldodecyl Erucate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 34(Suppl.2):5-69, 2015
Octyldodecyl Ethylhexanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Octyldodecyl Ethylhexanoate...	IUT 34(Suppl.3):61-73, 2015
Octyldodecyl Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...Octyldodecyl Glucoside...	IUT 32(Suppl. 3):22-48, 2013
Octyldodecyl Hydroxystearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 34(Suppl.2):5-69, 2015
Octyldodecyl Isostearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 34(Suppl.2):5-69, 2015
Octyldodecyl Meadowfoamate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 34(Suppl.2):5-69, 2015
Octyldodecyl Myristate	S		IUT 29(Suppl. 3):162-186,2010; IUT 34(Suppl.2):5-69, 2015
Octyldodecyl Neodecanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 34(Suppl.2):5-69, 2015
Octyldodecyl Neopentanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 34(Suppl.2):5-69, 2015
Octyldodecyl Octyldodecanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 34(Suppl.2):5-69, 2015
Octyldodecyl Oleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 34(Suppl.2):5-69, 2015

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Octyldodecyl Olivatate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 34(Suppl.2):5-69, 2015
Octyldodecyl Ricinoleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating	IUT 26(Suppl.3):31-77, 2007;IUT 34(Suppl.2):5-69, 2015
Octyldodecyl Safflowerate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 34(Suppl.2):5-69, 2015
Octyldodecyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IUT 34(Suppl.2):5-69, 2015
Octyldodecyl Stearoyl Stearate	S		IUT 20(suppl 3):51-59, 2001; IUT 24(Suppl. 3):65-74, 2005
Octyldodecyltrimonium Chloride	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Octyldodecyltrimonium Chloride...	IUT 31(Suppl. 3):296-341, 2012
Oenothera Biennis (Evening Primrose) Oil	S		IUT 36(Suppl. 3):51-129, 2017
Olea Europaea (Olive) Fruit Oil	S		IUT 36(Suppl. 3):51-129, 2017
Olea Europaea (Olive) Husk Oil	S		IUT 36(Suppl. 3):51-129, 2017
Olea Europaea (Olive) Oil Unsaponifiables	S		IUT 36(Suppl. 3):51-129, 2017
Oleamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Oleamide DEA...	JACT 5(5):415-454, 1986; IUT 32(Suppl. 1):36-58, 2013
Oleamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Oleamide MEA...	IUT 34(Suppl.1):18-34, 2015
Oleamide MIPA	SQ	The CIR Expert Panel concluded that the 14 alkyl amide MIPA ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Oleamide MIPA...	Final Report 12/2019 Available from CIR
Oleamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Oleamidopropyl Betaine...	IUT 31(Suppl. 1):77-111, 2012
Oleamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Oleamidopropyl Dimethylamine...	IUT 38(S1):39-69,2019
Oleamidopropyl Hydroxysultaine	S		Final Report 06/2018 Available from CIR
Oleic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Oleic Acid...	Final Report 04/2019 Available from CIR
Oleic/Linoleic Triglyceride	S		Final Report 12/2017 Available from CIR
Oleic/Palmitic/Lauric/Myristic/Linoleic Triglyceride	S		Final Report 12/2017 Available from CIR
Oleoyl Sarcosine	SQ	The CIR Expert Panel concluded that the following ingredients are safe as used in cosmetics when formulated to be non-irritating. The Expert Panel cautions that these ingredients should not be used in cosmetic products in which N-nitroso compounds can be found...Oleoyl Sarcosine...	IUT 20(S1):1-14, 2001;Final Report 9/2016 Available from CIR
Oleoyl Tyrosine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Oleoyl Tyrosine...	IUT 36(Suppl. 1):17-56, 2017
Oleth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Oleth-10...	IUT 18(S2):17-24, 1999;IUT 31(Suppl. 2):169-244, 2012
Oleth-100	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Oleth-100...	IUT 31(Suppl. 2):169-244, 2012
Oleth-106	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Oleth-106...	IUT 31(Suppl. 2):169-244, 2012

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Ingredient	Finding†	Conclusion	Citation#
Oleth-40	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Oleth-40...	IJT 18(S2):17-24, 1999;IJT 31(Suppl. 2):169-244, 2012
Oleth-44	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Oleth-44...	IJT 18(S2):17-24, 1999;IJT 31(Suppl. 2):169-244, 2012
Oleth-45	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Oleth-45...	IJT 31(Suppl. 2):169-244, 2012
Oleth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Oleth-5...	IJT 18(S2):17-24, 1999;IJT 31(Suppl. 2):169-244, 2012
Oleth-50	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Oleth-50...	IJT 18(S2):17-24, 1999;IJT 31(Suppl. 2):169-244, 2012
Oleth-6	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Oleth-6...	IJT 18(S2):17-24, 1999;IJT 31(Suppl. 2):169-244, 2012
Oleth-7	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Oleth-7...	IJT 18(S2):17-24, 1999;IJT 31(Suppl. 2):169-244, 2012
Oleth-8	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Oleth-8...	IJT 18(S2):17-24, 1999;IJT 31(Suppl. 2):169-244, 2012
Oleth-82	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Oleth-82...	IJT 31(Suppl. 2):169-244, 2012
Oleth-9	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Oleth-9...	IJT 18(S2):17-24, 1999;IJT 31(Suppl. 2):169-244, 2012
Oleyl Alcohol	S		JACT 4(5):1-29, 1985; IJT 25(Suppl. 2) :1-89,2006
Oleyl Arachidate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Oleyl Betaine	SQ	The CIR Expert Panel concluded that the eleven alkyl betaines listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Oleyl Betaine...	Final Report 3/2014 Available from CIR
Oleyl Erucate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Oleyl Ethyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Oleyl Ethyl Phosphate...	IJT 38(S2):12-32,2019
Oleyl Glyceryl Ether	S		IJT 32(Suppl. 3):5-21, 2013
Oleyl Linoleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Oleyl Myristate	S		IJT 29(Suppl. 3):162-186,2010; IJT 34(Suppl.2):5-69, 2015
Oleyl Oleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015

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Ingredient	Finding†	Conclusion	Citation‡
Oleyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Oleyl Phosphate...	IJT 38(S2):12-32,2019
Oleyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Olivamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Olivamide DEA...	IJT 32(Suppl. 1):36-58, 2013
Olivamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Olivamidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Olivamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Olivamidopropyl Dimethylamine...	IJT 38(S1):39-69,2019
Olive Acid	S		IJT 36(Suppl. 3):51-129, 2017
Olive Oil PEG-10 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Olive Oil PEG-10 Esters...	IJT 33(Suppl 4):13-39, 2014
Olive Oil PEG-6 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Olive Oil PEG-6 Esters...	IJT 33(Suppl 4):13-39, 2014
Olive Oil PEG-7 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Olive Oil PEG-7 Esters...	IJT 33(Suppl 4):13-39, 2014
Olive Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Olive Oil PEG-8 Esters...	IJT 33(Suppl 4):13-39, 2014
Olive Oil Polyglyceryl-3 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Olive Oil Polyglyceryl-3 Esters...	Final Report 9/2016 Available from CIR
Olive Oil Polyglyceryl-4 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Olive Oil Polyglyceryl-4 Esters...	Final Report 9/2016 Available from CIR
Olive Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Olive Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Olive Oil Propylene Glycol Esters	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Olive Oil Propylene Glycol Esters...	Final Report 12/2014 Available from CIR
Oliveamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Oliveamide MEA...	IJT 34(Suppl.1):18-34, 2015
Orbignya Cohune Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Orbignya Oleifera Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Orbignya Oleifera Seed Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Orbignya Oleifera Seed Oil PEG-8 Esters...	IJT 33(Suppl 4):13-39, 2014
Orbignya Speciosa Kernel Oil	S		IJT 36(Suppl. 3):51-129, 2017
Oryza Sativa (Rice) Bran	S		Final Report 2/2000 Available from CIR;Final Report 6/2001 Available from CIR;IJT 25(Suppl. 2):91-120, 2006
Oryza Sativa (Rice) Bran Extract	S		Final Report 2/2000 Available from CIR;Final Report 6/2001 Available from CIR;IJT 25(Suppl. 2):91-120, 2006
Oryza Sativa (Rice) Bran Oil	S		Final Report 2/2000 Available from CIR;Final Report 6/2001 Available from CIR;IJT 25(Suppl. 2):91-120, 2006;IJT 36(Suppl. 3):51-129, 2017
Oryza Sativa (Rice) Bran Wax	S		Final Report 2/2000 Available from CIR;Final Report 6/2001 Available from CIR;IJT 25(Suppl. 2):91-120, 2006

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Ingredient	Finding†	Conclusion	Citation‡
Oryza Sativa (Rice) Extract	S		Final Report 2/2000 Available from CIR;Final Report 6/2001 Available from CIR;UT 25(Suppl. 2):91-120, 2006
Oryza Sativa (Rice) Germ Oil	S		Final Report 2/2000 Available from CIR;Final Report 6/2001 Available from CIR;UT 25(Suppl. 2):91-120, 2006;UT 36(Suppl. 3):51-129, 2017
Oryza Sativa (Rice) Germ Powder	S		Final Report 2/2000 Available from CIR;Final Report 6/2001 Available from CIR;UT 25(Suppl. 2):91-120, 2006
Oryza Sativa (Rice) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Oryza Sativa (Rice) Starch	S		Final Report 2/2000 Available from CIR;Final Report 6/2001 Available from CIR;UT 25(Suppl. 2):91-120, 2006
Oxidized Beta-Glucan	S		UT 35(Suppl. 1):5-49, 2016
Oxidized Keratin	S		Final Report 6/2016 Available from CIR
Oxyquinoline	SQ	Based on the available information, the CIR Expert Panel concludes that Oxyquinoline and Oxyquinoline Sulfate are safe as used as stabilizers for hydrogen peroxide in leave-on hair care cosmetic products. There are insufficient data to support the safety of Oxyquinoline and Oxyquinoline Sulfate in leave-on cosmetic products.	JACT 11(4):497-507, 1992; UT 25(Suppl. 1):1-9, 2006
Oxyquinoline Sulfate	SQ	Based on the available information, the CIR Expert Panel concludes that Oxyquinoline and Oxyquinoline Sulfate are safe as used as stabilizers for hydrogen peroxide in leave-on hair care cosmetic products. There are insufficient data to support the safety of Oxyquinoline and Oxyquinoline Sulfate in leave-on cosmetic products.	JACT 11(4):497-507, 1992; UT 25(Suppl. 1):1-9, 2006
Ozokerite	S		JACT 3(3):43-99, 1984; UT 24(Suppl. 1):1-102, 2005
PCA	SQ	The CIR Expert Panel concluded that PCA (i.e., 2-pyrrolidone-5-carboxylic acid), calcium PCA, magnesium PCA, potassium PCA, and sodium PCA are safe in cosmetics in the present practices of use and concentration described in this safety assessment. PCA and its salts should not be used in cosmetic products in which N-nitroso compounds can be formed.	UT 18(S2):25-34, 1999;UT 38(S2):5-11,2019
PEG-10	S		Final Report 6/2010 Available from CIR
PEG-10 Acrylate/Perfluorohexylethyl Acrylate Copolymer	Z	The CIR Expert Panel concluded that the following two fluoropolymers are safe in cosmetics in the present practices of use and concentration described in this safety assessment.Fluoropolymers PTFE Hexafluoropropylene/Tetrafluoroethylene Copolymer*.	Final Report 10/2018 available from CIR
PEG-10 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-10 Castor Oil...	UT 33(Suppl 4):13-39, 2014
PEG-10 Cocamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-10 Cocamine...	UT 18(S1):43-50, 1999;Final Report 6/2015 Available from CIR
PEG-10 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG-10 Dimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
PEG-10 Dimethicone/Vinyl Dimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
PEG-10 Dioleate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaisiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraisiononanoate, polyglyceryl-20 octaisiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octaisiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-10 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-10 Hydrogenated Castor Oil...	UT 33(Suppl 4):13-39, 2014
PEG-10 Hydrogenated Castor Oil Isostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-10 Hydrogenated Castor Oil Isostearate...	UT 33(Suppl 4):13-39, 2014
PEG-10 Hydrogenated Castor Oil Triisostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-10 Hydrogenated Castor Oil Triisostearate...	UT 33(Suppl 4):13-39, 2014
PEG-10 Hydrogenated Lanolin	S		UT 18(S1):61-68, 1999; UT 37(Suppl. 1):19-27, 2018
PEG-10 Hydrogenated Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-10 Hydrogenated Tallow Amine...	Final Report 6/2015 Available from CIR

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PEG-10 Lanolin	S		UT 18(S1):61-68, 1999; IIT 37(Suppl. 1):19-27, 2018
PEG-10 Laurate	SQ	On the basis of the available data, the CIR Expert Panel concludes that ... PEG-10 Laurate is safe for use in cosmetics at concentrations up to 25%.	IUT 19(S2):29-41, 2000
PEG-10 Methyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
PEG-10 Oleamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-10 Oleamine...	Final Report 6/2015 Available from CIR
PEG-10 Olive Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-10 Olive Glycerides...	IUT 39(S2):26-58,2020
PEG-10 Polydimethylsiloxyethyl Dimethicone/Bis-Vinyl Dimethicone Crosspolymer	S		Final Report 12/2014 Available from CIR
PEG-10 Propylene Glycol	S		IUT 20(suppl 4):13-26, 2001;Final Report 12/2016 Available from CIR
PEG-10 Sorbitan Laurate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-10 Sorbitan Laurate...	IUT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-10 Soy Sterol	S		IUT 19(S1):29-46, 2000; IUT 23(Suppl. 2):23-47,2004
PEG-10 Soyamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-10 Soyamine...	Final Report 6/2015 Available from CIR
PEG-10 Stearamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-10 Stearamide...	Final Report 06/2019 Available from CIR
PEG-10 Stearamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-10 Stearamine...	Final Report 6/2015 Available from CIR
PEG-10 Sunflower Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-10 Sunflower Glycerides...	IUT 39(S2):26-58,2020
PEG-10 Tsubakiate Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-10 Tsubakiate Glycerides...	IUT 39(S2):26-58,2020
PEG-10/Lauryl Dimethicone Crosspolymer	S		IUT 33(Suppl. 2):65-115, 2014
PEG-100	S		Final Report 6/2010 Available from CIR
PEG-100 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-100 Castor Oil...	IUT 33(Suppl 4):13-39, 2014
PEG-100 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-100 Hydrogenated Castor Oil...	IUT 33(Suppl 4):13-39, 2014
PEG-100 Lanolin	S		UT 18(S1):61-68, 1999; IUT 37(Suppl. 1):19-27, 2018
PEG-100 Stearate	S		JACT 2(7):17-34, 1983; IUT 24(Suppl. 1):1-102, 2005
PEG-11 Avocado Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-11 Avocado Glycerides...	IUT 39(S2):26-58,2020
PEG-11 Babassu Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-11 Babassu Glycerides...	IUT 39(S2):26-58,2020
PEG-11 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-11 Castor Oil...	IUT 33(Suppl 4):13-39, 2014
PEG-11 Cocamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-11 Cocamide...	Final Report 06/2019 Available from CIR
PEG-11 Cocoa Butter Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-11 Cocoa Butter Glycerides...	IUT 39(S2):26-58,2020
PEG-11 Lauramide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-11 Lauramide...	Final Report 06/2019 Available from CIR
PEG-11 Methyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
PEG-11 Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-11 Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-115M	S		Final Report 6/2010 Available from CIR
PEG-12	S		Final Report 6/2010 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PEG-12 Cocamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-12 Cocamine...	Final Report 6/2015 Available from CIR
PEG-12 Diisostearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-12 Dilaurate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-12 Dimethicone	S		JACT 1(4):35-54, 1982;IJT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG-12 Dimethicone Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
PEG-12 Dimethicone/Bis-Isobutyl PPG-20 Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
PEG-12 Dimethicone/PPG-20 Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
PEG-12 Dioleate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-12 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PEG-12 Ditallate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-12 Laurate	SQ	On the basis of the available data, the CIR Expert Panel concludes that ... PEG-12 Laurate is safe for use in cosmetics at concentrations up to 25%.	IJT 19(S2):29-41, 2000
PEG-12 Palm Kernel Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-12 Palm Kernel Glycerides...	IJT 39(S2):26-58,2020
PEG-12 Palmitamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-12 Palmitamine...	Final Report 6/2015 Available from CIR
PEG-12 Stearate	S		JACT 2(7):17-34, 1983; IJT 24(Suppl. 1):1-102, 2005
PEG-120 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-120 Methyl Glucose Dioleate	S		IJT 35(Suppl. 2):12-40, 2016
PEG-120 Methyl Glucose Triisostearate	S		IJT 35(Suppl. 2):12-40, 2016
PEG-120 Methyl Glucose Trioleate	S		IJT 35(Suppl. 2):12-40, 2016
PEG-120 Propylene Glycol Stearate	S		IJT 20(suppl 4):13-26, 2001;Final Report 12/2016 Available from CIR
PEG-13 Hydrogenated Tallow Amide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-13 Hydrogenated Tallow Amide...	Final Report 06/2019 Available from CIR
PEG-13 Mink Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-13 Mink Glycerides...	IJT 39(S2):26-58,2020
PEG-13 Sunflower Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-13 Sunflower Glycerides...	IJT 39(S2):26-58,2020
PEG-135	S		Final Report 6/2010 Available from CIR
PEG-14	S		Final Report 6/2010 Available from CIR
PEG-14 Avocado Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-14 Avocado Glycerides...	IJT 39(S2):26-58,2020
PEG-14 Dimethicone	S		JACT 1(4):35-54, 1982;IJT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG-14 Laurate	SQ	On the basis of the available data, the CIR Expert Panel concludes that ... PEG-14 Laurate is safe for use in cosmetics at concentrations up to 25%.	IJT 19(S2):29-41, 2000
PEG-14M	S		JACT 12(5):429-457, 1993;Final Report 6/2010 Available from CIR
PEG-15 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-15 Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-15 Cocamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-15 Cocamine...	IJT 18(S1):43-50, 1999;Final Report 6/2015 Available from CIR
PEG-15 Hydrogenated Castor Oil Isostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-15 Hydrogenated Castor Oil Isostearate...	IJT 33(Suppl 4):13-39, 2014

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PEG-15 Hydrogenated Castor Oil Trisostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-15 Hydrogenated Castor Oil Trisostearate...	IJT 33(Suppl 4):13-39, 2014
PEG-15 Hydrogenated Lanolin	S		IJT 37(Suppl. 1):19-27, 2018
PEG-15 Hydrogenated Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-15 Hydrogenated Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-15 Jojoba Alcohol	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...PEG-15 Jojoba Alcohol...	IJT 31(Suppl. 2):169-244, 2012
PEG-15 Oleamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-15 Oleamine...	Final Report 6/2015 Available from CIR
PEG-15 Soyamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-15 Soyamine...	Final Report 6/2015 Available from CIR
PEG-15 Stearamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-15 Stearamide...	Final Report 06/2019 Available from CIR
PEG-15 Stearamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-15 Stearamine...	Final Report 6/2015 Available from CIR
PEG-15 Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-15 Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-15/Lauryl Dimethicone Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
PEG-15/Lauryl Polydimethylsiloxethyl Dimethicone Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
PEG-150	S		JACT 12(5):429-457, 1993;Final Report 6/2010 Available from CIR
PEG-150 Dibehenate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-150 Dilaurate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PEG-150 Dioleate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythryl pentaisiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythryl tetraisiononanoate, polyglyceryl-20 octaisiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-150 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythryl pentaisiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythryl tetraisiononanoate, polyglyceryl-20 octaisiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-150 Lanolin	S		IJT 18(S1):61-68, 1999; IJT 37(Suppl. 1):19-27, 2018
PEG-150 Laurate	SQ	On the basis of the available data, the CIR Expert Panel concludes that ... PEG-150 Laurate is safe for use in cosmetics at concentrations up to 25%.	IJT 19(S2):29-41, 2000
PEG-150 Pentaerythryl Tetraestearate	S		Final Report 6/2014 Available from CIR
PEG-150 Stearate	S		JACT 2(7):17-34, 1983; IJT 24(Suppl. 1):1-102, 2005
PEG-16	S		Final Report 6/2010 Available from CIR
PEG-16 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-16 Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-16 Cetyl/Oleyl/Stearyl/Lanolin Alcohol Ether	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...PEG-16 Cetyl/Oleyl/Stearyl/Lanolin Alcohol Ether...	IJT 31(Suppl. 2):169-244, 2012
PEG-16 Dilaurate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythryl pentaisiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythryl tetraisiononanoate, polyglyceryl-20 octaisiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-16 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-16 Hydrogenated Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-16 Macadamia Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-16 Macadamia Glycerides...	IJT 39(S2):26-58,2020
PEG-16 Soy Sterol	S		IJT 19(S1):29-46, 2000; IJT 23(Suppl. 2):23-47,2004
PEG-160 Sorbitan Triisostearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-160 Sorbitan Triisostearate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-160M	S		Final Report 6/2010 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PEG-17 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
		The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythryl pentaisononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythryl tetraisononanoate, polyglyceryl-20 octaisiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	
PEG-175 Diisostearate	SQ		Final Report 3/2015 Available from CIR
		The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythryl pentaisononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythryl tetraisononanoate, polyglyceryl-20 octaisiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	
PEG-175 Distearate	SQ		Final Report 3/2015 Available from CIR
PEG-18	S		Final Report 6/2010 Available from CIR
		The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-18 Castor Oil Dioleate...	
PEG-18 Castor Oil Dioleate	SQ		UT 33(Suppl 4):13-39, 2014
		The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-18 Palm Glycerides...	
PEG-18 Palm Glycerides	SQ		UT 39(S2):26-58,2020
		The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-18 Sorbitan Trioleate...	
PEG-18 Sorbitan Trioleate	SQ		Final Report 6/2015 Available from CIR
PEG-180	S		Final Report 6/2010 Available from CIR
PEG-180M	S		Final Report 6/2010 Available from CIR
		The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythryl pentaisononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythryl tetraisononanoate, polyglyceryl-20 octaisiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	
PEG-190 Distearate	SQ		Final Report 3/2015 Available from CIR
		The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-192 Apricot Kernel Glycerides...	
PEG-192 Apricot Kernel Glycerides	SQ		UT 39(S2):26-58,2020
		The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-2 Castor Oil...	
PEG-2 Castor Oil	SQ		UT 33(Suppl 4):13-39, 2014
		The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-2 Cocamide...	
PEG-2 Cocamide	SQ		Final Report 06/2019 Available from CIR
		The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-2 Cocamine...	
PEG-2 Cocamine	SQ		UT 18(S1):43-50, 1999;Final Report 6/2015 Available from CIR

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Ingredient	Finding†	Conclusion	Citation#
PEG-2 Diisononanoate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaisiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraisiononanoate, polyglyceryl-20 octaisiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-2 Diisostearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaisiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraisiononanoate, polyglyceryl-20 octaisiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-2 Dilaurate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaisiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraisiononanoate, polyglyceryl-20 octaisiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-2 Dioleate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaisiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraisiononanoate, polyglyceryl-20 octaisiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-2 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaisiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraisiononanoate, polyglyceryl-20 octaisiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PEG-2 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-2 Hydrogenated Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-2 Hydrogenated Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-2 Hydrogenated Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-2 Lauramide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-2 Lauramide...	Final Report 06/2019 Available from CIR
PEG-2 Lauramine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-2 Lauramine...	Final Report 6/2015 Available from CIR
PEG-2 Laurate	SQ	On the basis of the available data, the CIR Expert Panel concludes that ... PEG-2 Laurate is safe for use in cosmetics at concentrations up to 25%.	IJT 19(S2):29-41, 2000
PEG-2 Laurate SE	SQ	On the basis of the available data, the CIR Expert Panel concludes that ... PEG-2 Laurate SE is safe for use in cosmetics at concentrations up to 25%.	IJT 19(S2):29-41, 2000
PEG-2 Oleamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-2 Oleamine...	Final Report 6/2015 Available from CIR
PEG-2 Olive Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-2 Olive Glycerides...	IJT 39(S2):26-58,2020
PEG-2 Rapeseedamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-2 Rapeseedamine...	Final Report 6/2015 Available from CIR
PEG-2 Sorbitan Isostearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-2 Sorbitan Isostearate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-2 Sorbitan Trioleate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-2 Sorbitan Trioleate...	Final Report 6/2015 Available from CIR
PEG-2 Soyamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-2 Soyamine...	Final Report 6/2015 Available from CIR
PEG-2 Stearamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-2 Stearamine...	Final Report 6/2015 Available from CIR
PEG-2 Stearate	S		JACT 2(7):17-34, 1983; IJT 24(Suppl. 1):1-102, 2005
PEG-2 Sunflower Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-2 Sunflower Glycerides...	IJT 39(S2):26-58,2020
PEG-2 Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-2 Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-2 Tallowamide DEA	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-2 Tallowamide DEA...	Final Report 06/2019 Available from CIR
PEG-20	S		Final Report 6/2010 Available from CIR
PEG-20 Almond Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-20 Almond Glycerides...	IJT 39(S2):26-58,2020
PEG-20 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-20 Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-20 Cocamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-20 Cocamide...	Final Report 06/2019 Available from CIR
PEG-20 Cocamide MEA	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-20 Cocamide MEA...	Final Report 06/2019 Available from CIR
PEG-20 Cocamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-20 Cocamine...	IJT 18(S1):43-50, 1999;Final Report 6/2015 Available from CIR

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Ingredient	Finding†	Conclusion	Citation#
PEG-20 Corn Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-20 Corn Glycerides...	UT 39(S2):26-58,2020
PEG-20 Dilaurate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-20 Dioleate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-20 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-20 Evening Primrose Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-20 Evening Primrose Glycerides...	UT 39(S2):26-58,2020
PEG-20 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-20 Hydrogenated Castor Oil...	UT 33(Suppl 4):13-39, 2014
PEG-20 Hydrogenated Castor Oil Isostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-20 Hydrogenated Castor Oil Isostearate...	UT 33(Suppl 4):13-39, 2014
PEG-20 Hydrogenated Castor Oil Laurate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-20 Hydrogenated Castor Oil Laurate...	UT 33(Suppl 4):13-39, 2014
PEG-20 Hydrogenated Castor Oil PCA Isostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-20 Hydrogenated Castor Oil PCA Isostearate...	UT 33(Suppl 4):13-39, 2014
PEG-20 Hydrogenated Castor Oil Triisostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-20 Hydrogenated Castor Oil Triisostearate...	UT 33(Suppl 4):13-39, 2014
PEG-20 Hydrogenated Lanolin	S		UT 18(S1):61-68, 1999; UT 37(Suppl. 1):19-27, 2018

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Ingredient	Finding†	Conclusion	Citation#
PEG-20 Hydrogenated Palm Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-20 Hydrogenated Palm Glycerides...	IJT 39(S2):26-58,2020
PEG-20 Hydrogenated Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-20 Hydrogenated Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-20 Lanolin	S		JACT 1(4):91-102, 1982; IJT 37(Suppl. 1):19-27, 2018
PEG-20 Laurate	SQ	On the basis of the available data, the CIR Expert Panel concludes that ...PEG-20 Laurate is safe for use in cosmetics at concentrations up to 25%.	IJT 19(S2):29-41, 2000
PEG-20 Methyl Glucose Distearate	S		IJT 35(Suppl. 2):12-40, 2016
PEG-20 Methyl Glucose Sesquicaprylate/Sesquicaprate	S		IJT 35(Suppl. 2):12-40, 2016
PEG-20 Methyl Glucose Sesquilaurate	S		IJT 35(Suppl. 2):12-40, 2016
PEG-20 Methyl Glucose Sesquistearate	S		IJT 35(Suppl. 2):12-40, 2016
PEG-20 Oleamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-20 Oleamine...	Final Report 6/2015 Available from CIR
PEG-20 Sorbitan Beeswax	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-20 Sorbitan Beeswax...	IJT 20(suppl 4):27-38, 2001;Final Report 6/2015 Available from CIR
PEG-20 Sorbitan Cocoate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-20 Sorbitan Cocoate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-20 Sorbitan Isostearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-20 Sorbitan Isostearate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-20 Sorbitan Oleate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-20 Sorbitan Oleate...	Final Report 6/2015 Available from CIR
PEG-20 Sorbitan Triisostearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-20 Sorbitan Triisostearate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-20 Stearate	S		JACT 2(7):17-34, 1983; IJT 24(Suppl. 1):1-102, 2005
PEG-20 Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-20 Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-20 Tsubakiate Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-20 Tsubakiate Glycerides...	IJT 39(S2):26-58,2020
PEG-200	S		Final Report 6/2010 Available from CIR
PEG-200 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-200 Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-200 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-200 Hydrogenated Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-200 Laurate	SQ	On the basis of the available data, the CIR Expert Panel concludes that ... PEG-200 Laurate is safe for use in cosmetics at concentrations up to 25%.	IJT 19(S2):29-41, 2000
PEG-20M	S		JACT 12(5):429-457, 1993;Final Report 6/2010 Available from CIR
PEG-22 Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-22 Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-220	S		Final Report 6/2010 Available from CIR
PEG-23M	S		Final Report 6/2010 Available from CIR
PEG-24 Hydrogenated Lanolin	S		IJT 18(S1):61-68, 1999; IJT 37(Suppl. 1):19-27, 2018
PEG-24 Lanolin	S		IJT 18(S1):61-68, 1999; IJT 37(Suppl. 1):19-27, 2018
PEG-240	S		Final Report 6/2010 Available from CIR
PEG-240/HDI Copolymer Bis-Decyltetradeceth-20 Ether	S		Final Report 06/2016 available from CIR
PEG-25 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-25 Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-25 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-25 Hydrogenated Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-25 Lanolin	S		IJT 18(S1):61-68, 1999; IJT 37(Suppl. 1):19-27, 2018

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Ingredient	Finding†	Conclusion	Citation‡
PEG-25 Moringa Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-25 Moringa Glycerides...	IJT 39(S2):26-58,2020
PEG-25 Oleamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-25 Oleamine...	IJT 18(S1):43-50, 1999;Final Report 6/2015 Available from CIR
PEG-25 Propylene Glycol Stearate	S		IJT 20(suppl 4):13-26, 2001;Final Report 12/2016 Available from CIR
PEG-25 Soy Sterol	S		IJT 19(S1):29-46, 2000; IJT 23(Suppl. 2:23-47),2004
PEG-25 Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-25 Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-250 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-25M	S		Final Report 6/2010 Available from CIR
PEG-26 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-26 Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-26 Jojoba Alcohol	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...PEG-26 Jojoba Alcohol...	IJT 31(Suppl. 2):169-244, 2012
PEG-27 Lanolin	S		JACT 1(4):91-102, 1982; IJT 37(Suppl. 1):19-27, 2018
PEG-29 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-29 Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-2M	S		Final Report 6/2010 Available from CIR
PEG-3 Castor Oil	SQ	The CIR Expert Panel concluded that the following 40 alkoxylated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-3 Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-3 Cocamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxylated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-3 Cocamide DEA...	Final Report 06/2019 Available from CIR
PEG-3 Cocamide DEA	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-3 Cocamine...	IJT 18(S1):43-50, 1999;Final Report 6/2015 Available from CIR
PEG-3 Cocamine	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-3 Dicaprylate/Caprate	SQ		

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Ingredient	Finding†	Conclusion	Citation‡
PEG-3 Diisostearate PEG-3 Dimethicone	SQ S	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR JACT 1(4):35-54, 1982;IJT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG-3 Dioleate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-3 Dipalmitate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-3 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-3 Glyceryl Cocoate	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-3 Glyceryl Cocoate...	IJT 39(S2):26-58,2020
PEG-3 Lauramide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-3 Lauramide...	Final Report 06/2019 Available from CIR
PEG-3 Methyl Ether	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...PEG-3 Methyl Ether...	IJT 31(Suppl. 2):169-244, 2012

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Ingredient	Finding†	Conclusion	Citation‡
PEG-3 Oleamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-3 Oleamide...	Final Report 06/2019 Available from CIR
PEG-3 Sorbitan Oleate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-3 Sorbitan Oleate...	IUT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-3 Sorbitan Stearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-3 Sorbitan Stearate...	IUT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-3 Sorbitan Tristearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-3 Sorbitan Tristearate...	Final Report 6/2015 Available from CIR
PEG-30 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-30 Castor Oil...	IUT 16(Suppl.3):269-306, 1997; IUT 33(Suppl 4):13-39, 2014
PEG-30 Glyceryl Cocoate	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-30 Glyceryl Cocoate...	IUT 18(S1):33-42, 1999;IUT 39(S2):26-58,2020
PEG-30 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-30 Hydrogenated Castor Oil...	IUT 16(Suppl.3):269-306, 1997; IUT 33(Suppl 4):13-39, 2014
PEG-30 Hydrogenated Castor Oil Isostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-30 Hydrogenated Castor Oil Isostearate...	IUT 33(Suppl 4):13-39, 2014
PEG-30 Hydrogenated Castor Oil Laurate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-30 Hydrogenated Castor Oil Laurate...	IUT 33(Suppl 4):13-39, 2014
PEG-30 Hydrogenated Castor Oil PCA Isostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-30 Hydrogenated Castor Oil PCA Isostearate...	IUT 33(Suppl 4):13-39, 2014
PEG-30 Hydrogenated Castor Oil Trisostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-30 Hydrogenated Castor Oil Trisostearate...	IUT 33(Suppl 4):13-39, 2014
PEG-30 Hydrogenated Lanolin	S		IUT 18(S1):61-68, 1999; IUT 37(Suppl. 1):19-27, 2018
PEG-30 Hydrogenated Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-30 Hydrogenated Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-30 Lanolin	S		JACT 1(4):91-102, 1982; IUT 37(Suppl. 1):19-27, 2018
PEG-30 Oleamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-30 Oleamine...	IUT 18(S1):43-50, 1999;Final Report 6/2015 Available from CIR
PEG-30 Sorbitan Tetraoleate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-30 Sorbitan Tetraoleate...	IUT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-30 Sorbitol Tetraoleate Laurate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-30 Sorbitol Tetraoleate Laurate...	IUT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-30 Soy Sterol	S		IUT 19(S1):29-46, 2000; IUT 23(Suppl. 2):23-47,2004
PEG-30 Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-30 Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-30 sorbitan beeswax	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-30 sorbitan beeswax...	Final Report 06/16/2015 available from CIR
PEG-32	S		JACT 12(5):429-457, 1993;Final Report 6/2010 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PEG-32 Dilaurate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-32 Dioleate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-32 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-32 Laurate	SQ	On the basis of the available data, the CIR Expert Panel concludes that ... PEG-32 Laurate is safe for use in cosmetics at concentrations up to 25%.	IJT 19(52):29-41, 2000
PEG-32 Methyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
PEG-32 Stearate	S		JACT 2(7):17-34, 1983; IJT 24(Suppl. 1):1-102, 2005
PEG-33	S		Final Report 6/2010 Available from CIR
PEG-33 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-33 Castor Oil...	IJT 16(Suppl.3):269-306, 1997; IJT 33(Suppl 4):13-39, 2014
PEG-35 Almond Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-35 Almond Glycerides...	IJT 39(52):26-58,2020
PEG-35 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-35 Castor Oil...	IJT 16(Suppl.3):269-306, 1997; IJT 33(Suppl 4):13-39, 2014
PEG-35 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-35 Hydrogenated Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-35 Lanolin	S		IJT 18(51):61-68, 1999; IJT 37(Suppl. 1):19-27, 2018
PEG-35 Soy Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-35 Soy Glycerides...	IJT 39(52):26-58,2020
PEG-350	S		Final Report 6/2010 Available from CIR
PEG-36 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-36 Castor Oil...	IJT 16(Suppl.3):269-306, 1997; IJT 33(Suppl 4):13-39, 2014

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Ingredient	Finding†	Conclusion	Citation‡
PEG-4	S		IT 25(2):121-138, 2006;Final Report 6/2010 Available from CIR
PEG-4 Caprylic/Capric Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-4 Caprylic/Capric Glycerides...	IT 39(S2):26-58,2020
PEG-4 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-4 Castor Oil...	IT 33(Suppl 4):13-39, 2014
PEG-4 Cocamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxylated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-4 Cocamide...	Final Report 06/2019 Available from CIR
PEG-4 Cocamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-4 Cocamine...	Final Report 6/2015 Available from CIR
PEG-4 Dicoate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-4 Diheptanoate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-4 Diisostearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-4 Dilaurate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PEG-4 Dimethacrylate	SQ	Based on available data, the CIR Expert Panel concluded that...PEG-4 Dimethacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IJT 24(Suppl 5):53-100, 2005
PEG-4 Dioleate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-4 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-4 Distearyl Ether	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...PEG-4 Distearyl Ether...	IJT 31(Suppl. 2):169-244, 2012
PEG-4 Ditalow Ether	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...PEG-4 Ditalow Ether...	IJT 31(Suppl. 2):169-244, 2012
PEG-4 Laurate	SQ	On the basis of the available data, the CIR Expert Panel concludes that ... PEG-4 Laurate is safe for use in cosmetics at concentrations up to 25%.	IJT 19(S2):29-41, 2000
PEG-4 Methyl Ether	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...PEG-4 Methyl Ether...	IJT 31(Suppl. 2):169-244, 2012
PEG-4 Oleamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-4 Oleamide...	Final Report 06/2019 Available from CIR
PEG-4 PEG-12 Dimethicone	S		Final Report 12/2014 Available from CIR
PEG-4 Rapeseedamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-4 Rapeseedamide...	Final Report 06/2019 Available from CIR
PEG-4 Sorbitan Stearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-4 Sorbitan Stearate...	Final Report 6/2015 Available from CIR
PEG-4 Sorbitan Triisostearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-4 Sorbitan Triisostearate...	Final Report 6/2015 Available from CIR
PEG-4 Stearamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-4 Stearamide...	Final Report 06/2019 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PEG-4-PPG-7 C13/C15 Alcohol	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PEG-4-PPG-7 C13/C15 Alcohol...	IUT 35(Suppl. 1):60-89, 2016
PEG-40	S		Final Report 6/2010 Available from CIR
PEG-40 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-40 Castor Oil...	IUT 16(Suppl.3):269-306, 1997; IUT 33(Suppl 4):13-39, 2014
PEG-40 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-40 Glyceryl Cocoate	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-40 Glyceryl Cocoate...	IUT 18(S1):33-42, 1999; IUT 39(S2):26-58, 2020
PEG-40 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-40 Hydrogenated Castor Oil...	IUT 16(Suppl.3):269-306, 1997; IUT 33(Suppl 4):13-39, 2014
PEG-40 Hydrogenated Castor Oil Isostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-40 Hydrogenated Castor Oil Isostearate...	IUT 33(Suppl 4):13-39, 2014
PEG-40 Hydrogenated Castor Oil Laurate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-40 Hydrogenated Castor Oil Laurate...	IUT 33(Suppl 4):13-39, 2014
PEG-40 Hydrogenated Castor Oil PCA Isostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-40 Hydrogenated Castor Oil PCA Isostearate...	IUT 33(Suppl 4):13-39, 2014
PEG-40 Hydrogenated Castor Oil Triisostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-40 Hydrogenated Castor Oil Triisostearate...	IUT 33(Suppl 4):13-39, 2014
PEG-40 Hydrogenated Lanolin	S		IUT 37(Suppl. 1):19-27, 2018
PEG-40 Hydrogenated Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-40 Hydrogenated Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-40 Jojoba Alcohol	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...PEG-40 Jojoba Alcohol...	IUT 31(Suppl. 2):169-244, 2012
PEG-40 Lanolin	S		JACT 1(4):91-102, 1982; IUT 37(Suppl. 1):19-27, 2018
PEG-40 Methyl Ether	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...PEG-40 Methyl Ether...	IUT 31(Suppl. 2):169-244, 2012
PEG-40 Olive Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-40 Olive Glycerides...	IUT 39(S2):26-58, 2020
PEG-40 Sorbitan Diisostearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-40 Sorbitan Diisostearate...	IUT 19(S2):43-89, 2000; Final Report 6/2015 Available from CIR
PEG-40 Sorbitan Lanolate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-40 Sorbitan Lanolate...	IUT 19(S2):43-89, 2000; Final Report 6/2015 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PEG-40 Sorbitan Laurate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-40 Sorbitan Laurate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-40 Sorbitan Oleate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-40 Sorbitan Oleate...	Final Report 6/2015 Available from CIR
PEG-40 Sorbitan Perisostearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-40 Sorbitan Perisostearate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-40 Sorbitan Peroleate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-40 Sorbitan Peroleate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-40 Sorbitan Stearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-40 Sorbitan Stearate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-40 Sorbitan Tetraoleate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-40 Sorbitan Tetraoleate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-40 Sorbitol Hexaoleate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-40 Sorbitol Hexaoleate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-40 Soy Sterol	S		IJT 19(S1):29-46, 2000; IJT 23(Suppl. 2):23-47,2004
PEG-40 Stearate	S		JACT 2(7):17-34, 1983; IJT 24(Suppl. 1):1-102, 2005
PEG-400	S		Final Report 6/2010 Available from CIR
PEG-42 Babassu Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-42 Babassu Glycerides...	IJT 39(S2):26-58,2020
PEG-42 Mushroom Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-42 Mushroom Glycerides...	IJT 39(S2):26-58,2020
PEG-44 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-44 Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-44 Sorbitan Laurate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-44 Sorbitan Laurate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-45	S		Final Report 6/2010 Available from CIR
PEG-45 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-45 Hydrogenated Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-45 Palm Kernel Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-45 Palm Kernel Glycerides...	Final Report 12/2014 Available from CIR
PEG-45 Safflower Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-45 Safflower Glycerides...	Final Report 12/2014 Available from CIR
PEG-450	S		Final Report 6/2010 Available from CIR
PEG-45M	S		Final Report 6/2010 Available from CIR
PEG-5 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-5 Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-5 Cocamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-5 Cocamide...	Final Report 06/2019 Available from CIR
PEG-5 Cocamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-5 Cocamine...	IJT 18(S1):43-50, 1999;Final Report 6/2015 Available from CIR
PEG-5 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-5 Hydrogenated Castor Oil...	IJT 33(Suppl 4):13-39, 2014

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Ingredient	Finding†	Conclusion	Citation#
PEG-5 Hydrogenated Castor Oil Isostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-5 Hydrogenated Castor Oil Isostearate...	IJT 33(Suppl 4):13-39, 2014
PEG-5 Hydrogenated Castor Oil Trisostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-5 Hydrogenated Castor Oil Trisostearate...	IJT 33(Suppl 4):13-39, 2014
PEG-5 Hydrogenated Corn Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-5 Hydrogenated Corn Glycerides...	Final Report 12/2014 Available from CIR
PEG-5 Hydrogenated Lanolin	S		IJT 18(S1):61-68, 1999; IJT 37(Suppl. 1):19-27, 2018
PEG-5 Hydrogenated Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-5 Hydrogenated Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-5 Isononanoate	S		Final Report 3/2015 Available from CIR
PEG-5 Lanolin	S		IJT 18(S1):61-68, 1999; IJT 37(Suppl. 1):19-27, 2018
PEG-5 Lanolinamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-5 Lanolinamide...	Final Report 06/2019 Available from CIR
PEG-5 Lauramide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-5 Lauramide...	Final Report 06/2019 Available from CIR
PEG-5 Oleamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-5 Oleamide...	Final Report 06/2019 Available from CIR
PEG-5 Oleamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-5 Oleamine...	Final Report 6/2015 Available from CIR
PEG-5 Sorbitan Isostearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-5 Sorbitan Isostearate...	IJT 19(S2):43-89, 2000; Final Report 6/2015 Available from CIR
PEG-5 Soy Sterol	S		IJT 19(S1):29-46, 2000; IJT 23(Suppl. 2):23-47, 2004
PEG-5 Soyamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-5 Soyamine...	Final Report 6/2015 Available from CIR
PEG-5 Stearamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-5 Stearamine...	Final Report 6/2015 Available from CIR
PEG-5 Tallow Amide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-5 Tallow Amide...	Final Report 06/2019 Available from CIR
PEG-5 Tsubakiate Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-5 Tsubakiate Glycerides...	Final Report 12/2014 Available from CIR
PEG-50 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-50 Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-50 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 03/17/15 available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PEG-50 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-50 Hydrogenated Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-50 Hydrogenated Castor Oil Isostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-50 Hydrogenated Castor Oil Isostearate...	IJT 33(Suppl 4):13-39, 2014
PEG-50 Hydrogenated Castor Oil Laurate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-50 Hydrogenated Castor Oil Laurate...	IJT 33(Suppl 4):13-39, 2014
PEG-50 Hydrogenated Castor Oil Succinate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-50 Hydrogenated Castor Oil Succinate...	IJT 33(Suppl 4):13-39, 2014
PEG-50 Hydrogenated Castor Oil Triisostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-50 Hydrogenated Castor Oil Triisostearate...	IJT 33(Suppl 4):13-39, 2014
PEG-50 Hydrogenated Palmamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-50 Hydrogenated Palmamide...	Final Report 06/2019 Available from CIR
PEG-50 Hydrogenated Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-50 Hydrogenated Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-50 Lanolin	S		JACT 1(4):91-102, 1982; IJT 37(Suppl. 1):19-27, 2018
PEG-50 Sorbitol Hexaoleate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-50 Sorbitol Hexaoleate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-50 Stearamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-50 Stearamide...	Final Report 06/2019 Available from CIR
PEG-50 Stearamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-50 Stearamine...	Final Report 6/2015 Available from CIR
PEG-50 Stearate	S		JACT 2(7):17-34, 1983; IJT 24(Suppl. 1):1-102, 2005
PEG-50 Tallow Amide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-50 Tallow Amide...	Final Report 06/2019 Available from CIR
PEG-500	S		Final Report 6/2010 Available from CIR
PEG-54 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-54 Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-54 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-54 Hydrogenated Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-55	S		Final Report 6/2010 Available from CIR
PEG-55 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-55 Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-55 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-55 Hydrogenated Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-55 Lanolin	S		IJT 18(S1):61-68, 1999; IJT 37(Suppl. 1):19-27, 2018
PEG-55 Propylene Glycol Oleate	S		IJT 20(suppl 4):13-26, 2001;Final Report 12/2016 Available from CIR
PEG-58 Hydrogenated Castor Oil Isostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-58 Hydrogenated Castor Oil Isostearate...	IJT 33(Suppl 4):13-39, 2014
PEG-5M	S		Final Report 6/2010 Available from CIR
PEG-6	S		IJT 25(2):121-138, 2006;Final Report 6/2010 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PEG-6 Almond Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-6 Almond Glycerides...	Final Report 12/2014 Available from CIR
PEG-6 Caprylic/Capric Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-6 Caprylic/Capric Glycerides...	Final Report 12/2014 Available from CIR
PEG-6 Cocamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-6 Cocamide...	Final Report 06/2019 Available from CIR
PEG-6 Disostearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-6 Dilaurate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-6 Dimethicone	S		Final Report 12/2014 Available from CIR
PEG-6 Dioleate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-6 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-6 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-6 Hydrogenated Castor Oil...	IJT 33(Suppl 4):13-39, 2014

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Ingredient	Finding†	Conclusion	Citation‡
PEG-6 Hydrogenated Palm/Palm Kernel Glyceride	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-6 Hydrogenated Palm/Palm Kernel Glyceride...	Final Report 12/2014 Available from CIR
PEG-6 Hydrogenated Palmamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-6 Hydrogenated Palmamide...	Final Report 06/2019 Available from CIR
PEG-6 Lauramide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-6 Lauramide...	Final Report 06/2019 Available from CIR
PEG-6 Laurate	SQ	On the basis of the available data, the CIR Expert Panel concludes that ... PEG-6 Laurate is safe for use in cosmetics at concentrations up to 25%.	IJT 19(S2):29-41, 2000
PEG-6 Methyl Ether	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...PEG-6 Methyl Ether...	IJT 31(Suppl. 2):169-244, 2012
PEG-6 Methyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
PEG-6 Oleamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-6 Oleamide...	Final Report 06/2019 Available from CIR
PEG-6 Oleamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-6 Oleamine...	Final Report 6/2015 Available from CIR
PEG-6 Olive Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-6 Olive Glycerides...	Final Report 12/2014 Available from CIR
PEG-6 Propylene Glycol Caprylate/Caprates	S		Final Report 12/2016 Available from CIR
PEG-6 Sorbitan Beeswax	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-6 Sorbitan Beeswax...	IJT 20(suppl 4):27-38, 2001;Final Report 6/2015 Available from CIR
PEG-6 Sorbitan Oleate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-6 Sorbitan Oleate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-6 Sorbitan Stearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-6 Sorbitan Stearate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-6 Stearate	S		JACT 2(7):17-34, 1983; IJT 24(Suppl. 1):1-102, 2005
PEG-60	S		Final Report 6/2010 Available from CIR
PEG-60 Almond Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-60 Almond Glycerides...	Final Report 12/2014 Available from CIR
PEG-60 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-60 Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-60 Castor Oil Isostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-60 Castor Oil Isostearate...	IJT 33(Suppl 4):13-39, 2014
PEG-60 Corn Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-60 Corn Glycerides...	Final Report 12/2014 Available from CIR
PEG-60 Evening Primrose Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-60 Evening Primrose Glycerides....	Final Report 12/2014 Available from CIR
PEG-60 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-60 Hydrogenated Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-60 Hydrogenated Castor Oil Laurate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-60 Hydrogenated Castor Oil Laurate...	IJT 33(Suppl 4):13-39, 2014
PEG-60 Hydrogenated Castor Oil PCA Isostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-60 Hydrogenated Castor Oil PCA Isostearate...	IJT 33(Suppl 4):13-39, 2014

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Ingredient	Finding†	Conclusion	Citation‡
PEG-60 Hydrogenated Castor Oil Trisostearate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-60 Hydrogenated Castor Oil Trisostearate...	IJT 33(Suppl 4):13-39, 2014
PEG-60 Lanolin	S		IJT 18(S1):61-68, 1999; IJT 37(Suppl. 1):19-27, 2018
PEG-60 Passiflora Edulis Seed Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-60 Passiflora Edulis Seed Glycerides...	Final Report 12/2014 Available from CIR
PEG-60 Passiflora Incarnata Seed Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-60 Passiflora Incarnata Seed Glycerides...	Final Report 12/2014 Available from CIR
PEG-60 Shea Butter Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-60 Shea Butter Glycerides...	Final Report 12/2014 Available from CIR
PEG-60 Sorbitan Stearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-60 Sorbitan Stearate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-60 Sorbitan Tetraoleate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-60 Sorbitan Tetraoleate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-60 Sorbitan Tetrastearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-60 Sorbitan Tetrastearate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-60 Sorbitol Tetrastearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-60 Sorbitol Tetrastearate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-60 Tsubakiate Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-60 Tsubakiate Glycerides...	Final Report 12/2014 Available from CIR
PEG-65 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-65 Hydrogenated Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-65M	S		Final Report 6/2010 Available from CIR
PEG-7	S		Final Report 6/2010 Available from CIR
PEG-7 Caprylic/Capric Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-7 Caprylic/Capric Glycerides...	Final Report 12/2014 Available from CIR
PEG-7 Cocamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-7 Cocamide...	Final Report 06/2019 Available from CIR
PEG-7 Cocoglycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-7 Cocoglycerides...	Final Report 12/2014 Available from CIR
PEG-7 Dimethicone	S		JACT 1(4):35-54, 1982;IJT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG-7 Glyceryl Cocoate	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-7 Glyceryl Cocoate...	IJT 18(S1):33-42, 1999;Final Report 12/2014 Available from CIR
PEG-7 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-7 Hydrogenated Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-7 Methyl Ether	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...PEG-7 Methyl Ether...	IJT 31(Suppl. 2):169-244, 2012
PEG-7 Methyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
PEG-7 Oleamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-7 Oleamide...	Final Report 06/2019 Available from CIR
PEG-7 Olive Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-7 Olive Glycerides...	Final Report 12/2014 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PEG-7 Propylheptyl Ether	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...PEG-7 Propylheptyl Ether...	IJT 31(Suppl. 2):169-244, 2012
PEG-7 Sunflower Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-7 Sunflower Glycerides...	Final Report 12/2014 Available from CIR
PEG-7 Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-7 Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-7/PPG-2 Propylheptyl Ether	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PEG-7/PPG-2 Propylheptyl Ether...	IJT 35(Suppl. 1):60-89, 2016
PEG-70 Hydrogenated Lanolin	S		IJT 18(S1):61-68, 1999; IJT 37(Suppl. 1):19-27, 2018
PEG-70 Lanolin	S		IJT 37(Suppl. 1):19-27, 2018
PEG-70 Mango Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-70 Mango Glycerides...	Final Report 12/2014 Available from CIR
PEG-75	S		JACT 12(5):429-457, 1993;Final Report 6/2010 Available from CIR
PEG-75 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-75 Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-75 Cocoa Butter Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-75 Cocoa Butter Glycerides...	Final Report 12/2014 Available from CIR
PEG-75 Crambe Abyssinica Seed Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-75 Crambe Abyssinica Seed Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-75 Dilaurate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythryl pentaisiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythryl tetraisiononanoate, polyglyceryl-20 octaisiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octanonoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-75 Dioleate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythryl pentaisiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythryl tetraisiononanoate, polyglyceryl-20 octaisiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octanonoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
		The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	
PEG-75 Distearate	SQ		Final Report 3/2015 Available from CIR
PEG-75 Lanolin	S		JACT 1(4):91-102, 1982; UT 37(Suppl. 1):19-27, 2018
PEG-75 Lanolin Oil	S		UT 18(S1):61-68, 1999; UT 37(Suppl. 1):19-27, 2018
PEG-75 Lanolin Wax	S		UT 18(S1):61-68, 1999; UT 37(Suppl. 1):19-27, 2018
PEG-75 Laurate	SQ	On the basis of the available data, the CIR Expert Panel concludes that ... PEG-75 Laurate is safe for use in cosmetics at concentrations up to 25%.	UT 19(S2):29-41, 2000
		The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-75 Meadowfoam Oil...	
PEG-75 Meadowfoam Oil	SQ		UT 33(Suppl 4):13-39, 2014
PEG-75 Propylene Glycol Stearate	S		UT 20(suppl 4):13-26, 2001;Final Report 12/2016 Available from CIR
		The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-75 Shea Butter Glycerides...	
PEG-75 Shea Butter Glycerides	SQ		Final Report 12/2014 Available from CIR
		The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-75 Shorea Butter Glycerides...	
PEG-75 Shorea Butter Glycerides	SQ		Final Report 12/2014 Available from CIR
		The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-75 Sorbitan Lanolate...	
PEG-75 Sorbitan Lanolate	SQ		UT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
		The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-75 Sorbitan Laurate...	
PEG-75 Sorbitan Laurate	SQ		UT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
		The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-75 Soy Glycerides...	
PEG-75 Soy Glycerides	SQ		Final Report 12/2014 Available from CIR
		The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-78 Glyceryl Cocoate...	
PEG-78 Glyceryl Cocoate	SQ		UT 18(S1):33-42, 1999;Final Report 12/2014 Available from CIR
PEG-7M	S		Final Report 6/2010 Available from CIR
PEG-8	S		JACT 12(5):429-457, 1993;Final Report 6/2010 Available from CIR
		The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-8 Caprylic/Capric Glycerides...	
PEG-8 Caprylic/Capric Glycerides	SQ		Final Report 12/2014 Available from CIR
		The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-8 Castor Oil...	
PEG-8 Castor Oil	SQ		UT 33(Suppl 4):13-39, 2014
PEG-8 Cetyl Dimethicone	S		Final Report 12/2014 Available from CIR
		The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-8 Cocamine...	
PEG-8 Cocamine	SQ		Final Report 6/2015 Available from CIR
		The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	
PEG-8 Dicoate	SQ		Final Report 3/2015 Available from CIR

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Ingredient	Finding†	Conclusion	Citation#
PEG-8 Diisostearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythryl pentaisononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythryl tetraisononanoate, polyglyceryl-20 octaisononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-8 Dilaurate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythryl pentaisononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythryl tetraisononanoate, polyglyceryl-20 octaisononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-8 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG-8 Dimethicone Dimer Diinoleate	S		Final Report 12/2014 Available from CIR
PEG-8 Dimethicone/Dimer Diinoleic Acid Copolymer	S		Final Report 12/2014 Available from CIR
PEG-8 Dimethicone/Polysorbate 20 Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
PEG-8 Dioleate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythryl pentaisononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythryl tetraisononanoate, polyglyceryl-20 octaisononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-8 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythryl pentaisononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythryl tetraisononanoate, polyglyceryl-20 octaisononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PEG-8 Ditallate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythryl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythryl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythryl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-8 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-8 Hydrogenated Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-8 Hydrogenated Fish Glycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-8 Hydrogenated Fish Glycerides...	Final Report 12/2014 Available from CIR
PEG-8 Hydrogenated Tallow Amine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-8 Hydrogenated Tallow Amine...	Final Report 6/2015 Available from CIR
PEG-8 Laurate	SQ	On the basis of the available data, the CIR Expert Panel concludes that ... PEG-8 Laurate is safe for use in cosmetics at concentrations up to 25%.	IJT 19(S2):29-41, 2000
PEG-8 Methicone	S		Final Report 12/2014 Available from CIR
PEG-8 Methyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
PEG-8 PEG-4 Dimethicone	S		Final Report 12/2014 Available from CIR
PEG-8 PPG-8 Dimethicone	S		Final Report 12/2014 Available from CIR
PEG-8 Propylene Glycol Cocoate	S		IJT 20(suppl 4):13-26, 2001;Final Report 12/2016 Available from CIR
PEG-8 Propylheptyl Ether	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...PEG-8 Propylheptyl Ether...	IJT 31(Suppl. 2):169-244, 2012
PEG-8 Sorbitan Beeswax	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-8 Sorbitan Beeswax...	IJT 20(suppl 4):27-38, 2001;Final Report 6/2015 Available from CIR
PEG-8 Soyamine	SQ	The Panel concluded that the following 47 PEGs cocamine and related ingredients are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-8 Soyamine...	Final Report 6/2015 Available from CIR
PEG-8 Stearate	S		JACT 2(7):17-34, 1983; IJT 24(Suppl. 1):1-102, 2005
PEG-8 Tallow Amide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-8 Tallow Amide...	Final Report 06/2019 Available from CIR
PEG-80	S		Final Report 6/2010 Available from CIR
PEG-80 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-80 Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-80 Glyceryl Cocoate	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-80 Glyceryl Cocoate...	IJT 18(S1):33-42, 1999;Final Report 12/2014 Available from CIR
PEG-80 Hydrogenated Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-80 Hydrogenated Castor Oil...	IJT 33(Suppl 4):13-39, 2014
PEG-80 Methyl Glucose Laurate	S		IJT 35(Suppl. 2):12-40, 2016
PEG-80 Sorbitan Laurate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-80 Sorbitan Laurate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-80 Sorbitan Palmitate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...PEG-80 Sorbitan Palmitate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
PEG-800	S		Final Report 6/2010 Available from CIR
PEG-85 Lanolin	S		JACT 1(4):91-102, 1982; IJT 37(Suppl. 1):19-27, 2018
PEG-9	S		Final Report 6/2010 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
PEG-9 Castor Oil	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...PEG-9 Castor Oil...	UT 33(Suppl 4):13-39, 2014
PEG-9 Cocoglycerides	SQ	The CIR Expert Panel concluded the following 60 PEGylated alkyl glycerides are safe in cosmetics in the present practices of use and concentration when formulated to be non-irritating...PEG-9 Cocoglycerides...	Final Report 12/2014 Available from CIR
PEG-9 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG-9 Distearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-9 Laurate	SQ	On the basis of the available data, the CIR Expert Panel concludes that ... PEG-9 Laurate is safe for use in cosmetics at concentrations up to 25%.	UT 19(S2):29-41, 2000
PEG-9 Methyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
PEG-9 Oleamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxylated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PEG-9 Oleamide...	Final Report 06/2019 Available from CIR
PEG-9 Polydimethylsiloxyethyl Dimethicone	S		Final Report 12/2014 Available from CIR
PEG-90	S		Final Report 6/2010 Available from CIR
PEG-90 Diisostearate	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octanonanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
PEG-90M	S		Final Report 6/2010 Available from CIR
PEG-9M	S		Final Report 6/2010 Available from CIR
PEG-Cetyl Stearyl Diether	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...PEG-Cetyl Stearyl Diether...	UT 31(Suppl. 2):169-244, 2012
PEG/PPG-10/2 Dimethicone	S		Final Report 12/2014 Available from CIR
PEG/PPG-10/2 Propylheptyl Ether	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PEG/PPG-10/2 Propylheptyl Ether...	UT 35(Suppl. 1):60-89, 2016
PEG/PPG-10/3 Oleyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
PEG/PPG-12/16 Dimethicone	S		Final Report 12/2014 Available from CIR
PEG/PPG-12/18 Dimethicone	S		Final Report 12/2014 Available from CIR
PEG/PPG-14/2 Propylheptyl Ether	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PEG/PPG-14/2 Propylheptyl Ether...	UT 35(Suppl. 1):60-89, 2016
PEG/PPG-14/4 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG/PPG-14/7 Dimethyl Ether	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PEG/PPG-14/7 Dimethyl Ether...	UT 35(Suppl. 1):60-89, 2016
PEG/PPG-15/15 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG/PPG-15/5 Dimethicone	S		Final Report 12/2014 Available from CIR
PEG/PPG-16/2 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG/PPG-16/8 Dimethicone	S		Final Report 12/2014 Available from CIR
PEG/PPG-17/18 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR

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PEG/PPG-17/4 Dimethyl Ether	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PEG/PPG-17/4 Dimethyl Ether...	UT 35(Suppl. 1):60-89, 2016
PEG/PPG-18/12 Dimethicone	S		Final Report 12/2014 Available from CIR
PEG/PPG-18/18 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG/PPG-18/6 Dimethicone	S		Final Report 12/2014 Available from CIR
PEG/PPG-19/19 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG/PPG-20/15 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG/PPG-20/20 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG/PPG-20/22 Butyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
PEG/PPG-20/22 Methyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
PEG/PPG-20/23 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG/PPG-20/29 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG/PPG-20/6 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG/PPG-22/22 Butyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
PEG/PPG-22/23 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG/PPG-22/24 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG/PPG-22/40 Dimethyl Ether	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PEG/PPG-22/40 Dimethyl Ether...	UT 35(Suppl. 1):60-89, 2016
PEG/PPG-23/23 Butyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
PEG/PPG-23/6 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG/PPG-24/18 Butyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
PEG/PPG-25/25 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG/PPG-27/14 Dimethyl Ether	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PEG/PPG-27/14 Dimethyl Ether...	UT 35(Suppl. 1):60-89, 2016
PEG/PPG-27/27 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG/PPG-27/9 Butyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
PEG/PPG-3/10 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG/PPG-3/6 Dimethyl Ether	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PEG/PPG-3/6 Dimethyl Ether...	UT 35(Suppl. 1):60-89, 2016
PEG/PPG-30/10 Dimethicone	S		Final Report 12/2014 Available from CIR
PEG/PPG-35/40 Dimethyl Ether	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PEG/PPG-35/40 Dimethyl Ether...	UT 35(Suppl. 1):60-89, 2016
PEG/PPG-36/41 Dimethyl Ether	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PEG/PPG-36/41 Dimethyl Ether...	UT 35(Suppl. 1):60-89, 2016
PEG/PPG-4/12 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG/PPG-4/2 Propylheptyl Ether	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PEG/PPG-4/2 Propylheptyl Ether...	UT 35(Suppl. 1):60-89, 2016
PEG/PPG-40/2 Propylheptyl Ether	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PEG/PPG-40/2 Propylheptyl Ether...	UT 35(Suppl. 1):60-89, 2016
PEG/PPG-5/2 Methacrylate/Methacrylic Acid Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...PEG/PPG-5/2 Methacrylate/Methacrylic Acid Crosspolymer...	Final Report 12/2018 Available from CIR
PEG/PPG-50/40 Dimethyl Ether	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PEG/PPG-50/40 Dimethyl Ether...	UT 35(Suppl. 1):60-89, 2016
PEG/PPG-52/32 Dimethyl Ether	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PEG/PPG-52/32 Dimethyl Ether...	UT 35(Suppl. 1):60-89, 2016
PEG/PPG-55/28 Dimethyl Ether	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PEG/PPG-55/28 Dimethyl Ether...	UT 35(Suppl. 1):60-89, 2016
PEG/PPG-6/11 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
PEG/PPG-6/2 Propylheptyl Ether	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PEG/PPG-6/2 Propylheptyl Ether...	UT 35(Suppl. 1):60-89, 2016
PEG/PPG-6/4 Dimethicone	S		Final Report 12/2014 Available from CIR
PEG/PPG-7/12 Dimethyl Ether	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PEG/PPG-7/12 Dimethyl Ether...	UT 35(Suppl. 1):60-89, 2016
PEG/PPG-8/14 Dimethicone	S		JACT 1(4):35-54, 1982;UT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR

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PEG/PPG-8/2 Propylheptyl Ether	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PEG/PPG-8/2 Propylheptyl Ether...	IJT 35(Suppl. 1):60-89, 2016
PEG/PPG-8/26 Dimethicone	S		Final Report 12/2014 Available from CIR
PEG/PPG-9/2 Dimethyl Ether	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PEG/PPG-9/2 Dimethyl Ether...	IJT 35(Suppl. 1):60-89, 2016
PPG-1 Hydroxyethyl Caprylamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PPG-1 Hydroxyethyl Caprylamide...	Final Report 06/2019 Available from CIR
PPG-1 Trideceth-13	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-1 Trideceth-13...	IJT 35(Suppl. 1):60-89, 2016
PPG-1 Trideceth-6	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-1 Trideceth-6...	IJT 35(Suppl. 1):60-89, 2016
PPG-1-Ceteth-1	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-1-Ceteth-1...	IJT 35(Suppl. 1):60-89, 2016
PPG-1-Ceteth-10	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-1-Ceteth-10...	IJT 35(Suppl. 1):60-89, 2016
PPG-1-Ceteth-20	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-1-Ceteth-20...	IJT 35(Suppl. 1):60-89, 2016
PPG-1-Ceteth-5	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-1-Ceteth-5...	IJT 35(Suppl. 1):60-89, 2016
PPG-1-Deceth-4	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-1-Deceth-4...	IJT 35(Suppl. 1):60-89, 2016
PPG-1-Deceth-5	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-1-Deceth-5...	IJT 35(Suppl. 1):60-89, 2016
PPG-1-Deceth-6	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-1-Deceth-6...	IJT 35(Suppl. 1):60-89, 2016
PPG-1-Deceth-7	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-1-Deceth-7...	IJT 35(Suppl. 1):60-89, 2016
PPG-1-Isodeceth-4	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-1-Isodeceth-4...	IJT 35(Suppl. 1):60-89, 2016
PPG-1-Isodeceth-6	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-1-Isodeceth-6...	IJT 35(Suppl. 1):60-89, 2016
PPG-1-Isodeceth-7	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-1-Isodeceth-7...	IJT 35(Suppl. 1):60-89, 2016
PPG-1-Isodeceth-9	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-1-Isodeceth-9...	IJT 35(Suppl. 1):60-89, 2016
PPG-10 Lanolin Alcohol Ether	S		IJT 37(Suppl. 1):19-27, 2018
PPG-10 Methyl Glucose Ether	S		IJT 35(Suppl. 2):12-40, 2016
PPG-10-Buteth-9	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-10-Buteth-9...	Final Report 4/2017 Available from CIR
PPG-10-Ceteareth-20	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-10-Ceteareth-20...	IJT 35(Suppl. 1):60-89, 2016
PPG-11 Stearyl Ether	S		IJT 20(suppl 4):53-59, 2001
PPG-12	SQ	The CIR Expert Panel concluded that ... PPG-12 and any PG >= 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	JACT 13(6):437-491, 1994;IJT 31(Suppl 2):245-260, 2012
PPG-12 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-12 Butyl Ether...	IJT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-12 Butyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
PPG-12 Dimethicone	S		Final Report 12/2014 Available from CIR

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PPG-12-Buteth-12	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-12-Buteth-12...	Final Report 4/2017 Available from CIR
PPG-12-Buteth-16	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-12-Buteth-16...	IJT 19(S1):47-67, 2000;Final Report 12/2000 Available from CIR;Final Report 4/2017 Available from CIR
PPG-12-PEG-50 Lanolin	S		IJT 37(Suppl. 1):19-27, 2018
PPG-12-PEG-65 Lanolin Oil	S		IJT 37(Suppl. 1):19-27, 2018
PPG-13	SQ	The CIR Expert Panel concluded that ... PPG-13 and any PG >= 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	IJT 31(Suppl 2):245-260, 2012
PPG-13-Decyltetradeceth-24	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-13-Decyltetradeceth-24...	IJT 35(Suppl. 1):60-89, 2016
PPG-14 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-14 Butyl Ether...	IJT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-14-Deceth-6	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-14-Deceth-6...	IJT 35(Suppl. 1):60-89, 2016
PPG-15	SQ	The CIR Expert Panel concluded that ... PPG-15 and any PG >= 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	JACT 13(6):437-491, 1994;IJT 31(Suppl 2):245-260, 2012
PPG-15 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-15 Butyl Ether...	IJT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-15 Stearyl Ether	S		IJT 20(suppl 4):53-59, 2001
PPG-15-Buteth-20	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-15-Buteth-20...	Final Report 4/2017 Available from CIR
PPG-16	SQ	The CIR Expert Panel concluded that ... PPG-16 and any PG >= 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	IJT 31(Suppl 2):245-260, 2012
PPG-16 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-16 Butyl Ether...	IJT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-17	SQ	The CIR Expert Panel concluded that ... PPG-17 and any PG >= 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	JACT 13(6):437-491, 1994;IJT 31(Suppl 2):245-260, 2012
PPG-17 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-17 Butyl Ether...	IJT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-17-Buteth-17	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-17-Buteth-17...	Final Report 4/2017 Available from CIR
PPG-18 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-18 Butyl Ether...	IJT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-19-Buteth-19	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-19-Buteth-19...	Final Report 4/2017 Available from CIR
PPG-2 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-2 Butyl Ether...	IJT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-2 C12-13 Pareth-8	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2 C12-13 Pareth-8...	IJT 35(Suppl. 1):60-89, 2016
PPG-2 C12-15 Pareth-6	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2 C12-15 Pareth-6...	IJT 35(Suppl. 1):60-89, 2016
PPG-2 C9-11 Pareth-11	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2 C9-11 Pareth-11...	IJT 35(Suppl. 1):60-89, 2016
PPG-2 C9-11 Pareth-5	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2 C9-11 Pareth-5...	IJT 35(Suppl. 1):60-89, 2016
PPG-2 C9-11 Pareth-7	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2 C9-11 Pareth-7...	IJT 35(Suppl. 1):60-89, 2016

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PPG-2 C9-11 Pareth-8	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2 C9-11 Pareth-8...	IJT 35(Suppl. 1):60-89, 2016
PPG-2 Cocamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PPG-2 Cocamide...	Final Report 06/2019 Available from CIR
PPG-2 Dimethicone	S		Final Report 12/2014 Available from CIR
PPG-2 Hydroxyethyl Cocamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PPG-2 Hydroxyethyl Cocamide...	Final Report 06/2019 Available from CIR
PPG-2 Hydroxyethyl Coco/Isostearamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxyated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PPG-2 Hydroxyethyl Coco/Isostearamide...	Final Report 06/2019 Available from CIR
PPG-2 Lanolin Alcohol Ether	S		IJT 37(Suppl. 1):19-27, 2018
PPG-2 Methyl Ether	S		IJT 28(Suppl. 2):162-174, 2009
PPG-2 Methyl Ether Acetate	S		IJT 28(Suppl. 2):162-174, 2009
PPG-2-Buteth-1	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-2-Buteth-1...	Final Report 4/2017 Available from CIR
PPG-2-Buteth-2	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-2-Buteth-2...	Final Report 4/2017 Available from CIR
PPG-2-Buteth-3	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-2-Buteth-3...	Final Report 4/2017 Available from CIR
PPG-2-Ceteareth-9	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Ceteareth-9...	IJT 35(Suppl. 1):60-89, 2016
PPG-2-Ceteth-1	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Ceteth-1...	IJT 35(Suppl. 1):60-89, 2016
PPG-2-Ceteth-10	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Ceteth-10...	IJT 35(Suppl. 1):60-89, 2016
PPG-2-Ceteth-20	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Ceteth-20...	IJT 35(Suppl. 1):60-89, 2016
PPG-2-Ceteth-5	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Ceteth-5...	IJT 35(Suppl. 1):60-89, 2016
PPG-2-Deceth-10	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Deceth-10...	IJT 35(Suppl. 1):60-89, 2016
PPG-2-Deceth-12	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Deceth-12...	IJT 35(Suppl. 1):60-89, 2016
PPG-2-Deceth-15	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Deceth-15...	IJT 35(Suppl. 1):60-89, 2016
PPG-2-Deceth-20	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Deceth-20...	IJT 35(Suppl. 1):60-89, 2016
PPG-2-Deceth-3	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Deceth-3...	IJT 35(Suppl. 1):60-89, 2016
PPG-2-Deceth-30	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Deceth-30...	IJT 35(Suppl. 1):60-89, 2016
PPG-2-Deceth-40	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Deceth-40...	IJT 35(Suppl. 1):60-89, 2016
PPG-2-Deceth-5	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Deceth-5...	IJT 35(Suppl. 1):60-89, 2016
PPG-2-Deceth-50	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Deceth-50...	IJT 35(Suppl. 1):60-89, 2016

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Ingredient	Finding†	Conclusion	Citation#
PPG-2-Deceth-60	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Deceth-60...	IJT 35(Suppl. 1):60-89, 2016
PPG-2-Deceth-7	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Deceth-7...	IJT 35(Suppl. 1):60-89, 2016
PPG-2-Deceth-8	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Deceth-8...	IJT 35(Suppl. 1):60-89, 2016
PPG-2-Isodeceth-10	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Isodeceth-10...	IJT 35(Suppl. 1):60-89, 2016
PPG-2-Isodeceth-12	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Isodeceth-12...	IJT 35(Suppl. 1):60-89, 2016
PPG-2-Isodeceth-18	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Isodeceth-18...	IJT 35(Suppl. 1):60-89, 2016
PPG-2-Isodeceth-25	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Isodeceth-25...	IJT 35(Suppl. 1):60-89, 2016
PPG-2-Isodeceth-4	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Isodeceth-4...	IJT 35(Suppl. 1):60-89, 2016
PPG-2-Isodeceth-6	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Isodeceth-6...	IJT 35(Suppl. 1):60-89, 2016
PPG-2-Isodeceth-8	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Isodeceth-8...	IJT 35(Suppl. 1):60-89, 2016
PPG-2-Isodeceth-9	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Isodeceth-9...	IJT 35(Suppl. 1):60-89, 2016
PPG-2-Laureth-12	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Laureth-12...	IJT 35(Suppl. 1):60-89, 2016
PPG-2-Laureth-5	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Laureth-5...	IJT 35(Suppl. 1):60-89, 2016
PPG-2-Laureth-8	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-Laureth-8...	IJT 35(Suppl. 1):60-89, 2016
PPG-2-PEG-11 Hydrogenated Lauryl Alcohol Ether	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-2-PEG-11 Hydrogenated Lauryl Alcohol Ether...	IJT 35(Suppl. 1):60-89, 2016
PPG-20	SQ	The CIR Expert Panel concluded that ... PPG-20 and any PG >= 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	JACT 13(6):437-491, 1994;IJT 31(Suppl 2):245-260, 2012
PPG-20 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-20 Butyl Ether...	IJT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-20 Lanolin Alcohol Ether	S		IJT 37(Suppl. 1):19-27, 2018
PPG-20 Methyl Glucose Ether	S		IJT 35(Suppl. 2):12-40, 2016
PPG-20 Methyl Glucose Ether Acetate	S		IJT 35(Suppl. 2):12-40, 2016
PPG-20 Methyl Glucose Ether Distearate	S		IJT 35(Suppl. 2):12-40, 2016
PPG-20-Buteth-30	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-20-Buteth-30...	Final Report 4/2017 Available from CIR
PPG-20-Decyltetradeceth-10	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-20-Decyltetradeceth-10...	IJT 35(Suppl. 1):60-89, 2016
PPG-20-PEG-20 Hydrogenated Lanolin	S		IJT 37(Suppl. 1):19-27, 2018
PPG-22 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-22 Butyl Ether...	IJT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-23-Steareth-34	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-23-Steareth-34...	IJT 35(Suppl. 1):60-89, 2016

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Ingredient	Finding†	Conclusion	Citation‡
PPG-24 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-24 Butyl Ether...	IJT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-24-Buteth-27	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-24-Buteth-27...	Final Report 4/2017 Available from CIR
PPG-25 Diethylmonium Chloride	UNS	The CIR Expert Panel concludes that the available data are insufficient to support the safety of PPG-9, -25, and -40 Diethylmonium Chloride for use in cosmetic products.	IJT 18(S3):57-59, 1999
PPG-25 Dimethicone	S		Final Report 12/2014 Available from CIR
PPG-25 Methyl Glucose Ether	S		IJT 35(Suppl. 2):12-40, 2016
PPG-25-Laureth-25	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-25-Laureth-25...	IJT 35(Suppl. 1):60-89, 2016
PPG-26	SQ	The CIR Expert Panel concluded that PG, tripropylene glycol, PPG-3, PPG-7, PPG-9, PPG-12, PPG-13, PPG-15, PPG-16, PPG-17, PPG-20, PPG-26, PPG-30, PPG-33, PPG-34, PPG-51, PPG-52, PPG-69 and any PG >= are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	JACT 13(6):437-491, 1994;IJT 31(Suppl 2):245-260, 2012
PPG-26 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-26 Butyl Ether...	IJT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-26-Buteth-26	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-26-Buteth-26...	IJT 19(S1):47-67, 2000;Final Report 12/2000 Available from CIR;Final Report 4/2017 Available from CIR
PPG-26/HDI Copolymer	S		Final Report 06/2016 available from CIR
PPG-27 Dimethicone	S		Final Report 12/2014 Available from CIR
PPG-27/9 Butyl Ether Dimethicone	S		Final Report 12/2014 Available from CIR
PPG-28-Buteth-35	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-28-Buteth-35...	IJT 19(S1):47-67, 2000;Final Report 12/2000 Available from CIR;Final Report 4/2017 Available from CIR
PPG-3	SQ	The CIR Expert Panel concluded that ... PPG-3 and any PG >= 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	IJT 31(Suppl 2):245-260, 2012
PPG-3 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-3 Butyl Ether...	Final Report 4/2017 Available from CIR
PPG-3 C12-14 Sec-Pareth-7	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-3 C12-14 Sec-Pareth-7...	IJT 35(Suppl. 1):60-89, 2016
PPG-3 Hydroxyethyl Soyamide	SQ	The CIR Expert Panel concluded that the following 40 alkoxylated fatty amides are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...PPG-3 Hydroxyethyl Soyamide...	Final Report 06/2019 Available from CIR
PPG-3 Methyl Ether	S		IJT 28(Suppl. 2):162-174, 2009
PPG-3-Buteth-5	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-3-Buteth-5...	Final Report 4/2017 Available from CIR
PPG-3-Isodeceth-1	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-3-Isodeceth-1...	IJT 35(Suppl. 1):60-89, 2016
PPG-3-Isosteareth-9	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-3-Isosteareth-9...	IJT 35(Suppl. 1):60-89, 2016
PPG-3-Laureth-10	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-3-Laureth-10...	IJT 35(Suppl. 1):60-89, 2016
PPG-3-Laureth-12	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-3-Laureth-12...	IJT 35(Suppl. 1):60-89, 2016
PPG-3-Laureth-8	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-3-Laureth-8...	IJT 35(Suppl. 1):60-89, 2016
PPG-3-Laureth-9	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-3-Laureth-9...	IJT 35(Suppl. 1):60-89, 2016
PPG-3-Myreth-11	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-3-Myreth-11...	IJT 35(Suppl. 1):60-89, 2016
PPG-3-Myreth-3	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-3-Myreth-3...	IJT 35(Suppl. 1):60-89, 2016

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Ingredient	Finding†	Conclusion	Citation#
PPG-3-PEG-6 Oleyl Ether	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-3-PEG-6 Oleyl Ether...	IJT 35(Suppl. 1):60-89, 2016
PPG-30	SQ	The CIR Expert Panel concluded that ... PPG-30 and any PG >= 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	JACT 13(6):437-491, 1994;IJT 31(Suppl 2):245-260, 2012
PPG-30 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-30 Butyl Ether...	IJT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-30 Lanolin Alcohol Ether	S		IJT 37(Suppl. 1):19-27, 2018
PPG-30 Steareth-4	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-30 Steareth-4...	IJT 35(Suppl. 1):60-89, 2016
PPG-30-Buteth-30	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-30-Buteth-30...	Final Report 4/2017 Available from CIR
PPG-33	SQ	The CIR Expert Panel concluded that ... PPG-33 and any PG >= 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	IJT 31(Suppl 2):245-260, 2012
PPG-33 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-33 Butyl Ether...	IJT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-33-Buteth-45	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-33-Buteth-45...	Final Report 4/2017 Available from CIR
PPG-34	SQ	The CIR Expert Panel concluded that ... PPG-34 and any PG >= 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	JACT 13(6):437-491, 1994;IJT 31(Suppl 2):245-260, 2012
PPG-34-Steareth-3	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-34-Steareth-3...	IJT 35(Suppl. 1):60-89, 2016
PPG-36-Buteth-36	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-36-Buteth-36...	Final Report 4/2017 Available from CIR
PPG-38 Steareth-6	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-38 Steareth-6...	IJT 35(Suppl. 1):60-89, 2016
PPG-38-Buteth-37	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-38-Buteth-37...	Final Report 4/2017 Available from CIR
PPG-4 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-4 Butyl Ether...	IJT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-4 C12-14 Sec-Pareth-5	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-4 C12-14 Sec-Pareth-5...	IJT 35(Suppl. 1):60-89, 2016
PPG-4 C13-15 Pareth-15	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-4 C13-15 Pareth-15...	IJT 35(Suppl. 1):60-89, 2016
PPG-4 Laureth-2	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-4 Laureth-2...	IJT 35(Suppl. 1):60-89, 2016
PPG-4 Laureth-5	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-4 Laureth-5...	IJT 35(Suppl. 1):60-89, 2016
PPG-4 Laureth-7	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-4 Laureth-7...	IJT 35(Suppl. 1):60-89, 2016
PPG-4 Oleth-10 Dimethicone	S		Final Report 12/2014 Available from CIR
PPG-4 Trideceth-6	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-4 Trideceth-6...	IJT 35(Suppl. 1):60-89, 2016
PPG-4-Buteth-4	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-4-Buteth-4...	Final Report 4/2017 Available from CIR
PPG-4-Ceteareth-12	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-4-Ceteareth-12...	IJT 35(Suppl. 1):60-89, 2016
PPG-4-Ceteth-1	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-4-Ceteth-1...	IJT 35(Suppl. 1):60-89, 2016

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PPG-4-Ceteth-10	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-4-Ceteth-10...	IJT 35(Suppl. 1):60-89, 2016
PPG-4-Ceteth-20	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-4-Ceteth-20...	IJT 35(Suppl. 1):60-89, 2016
PPG-4-Ceteth-5	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-4-Ceteth-5...	IJT 35(Suppl. 1):60-89, 2016
PPG-4-Deceth-4	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-4-Deceth-4...	IJT 35(Suppl. 1):60-89, 2016
PPG-4-Deceth-6	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-4-Deceth-6...	IJT 35(Suppl. 1):60-89, 2016
PPG-4-Isodeceth-10	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-4-Isodeceth-10...	IJT 35(Suppl. 1):60-89, 2016
PPG-4-Laureth-15	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-4-Laureth-15...	IJT 35(Suppl. 1):60-89, 2016
PPG-40 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-40 Butyl Ether...	JACT 12(3):257-259, 1993;IJT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-40 Diethylmonium Chloride	Z	The CIR Expert Panel concludes that the available data are insufficient to support the safety of PPG-9, -25, and -40 Diethylmonium Chloride for use in cosmetic products.	IJT 18(S3):57-59, 1999
PPG-40-PEG-60 Lanolin Oil	S		IJT 37(Suppl. 1):19-27, 2018
PPG-5 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-5 Butyl Ether...	IJT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-5 C12-14 Sec-Pareth-7	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-5 C12-14 Sec-Pareth-7...	IJT 35(Suppl. 1):60-89, 2016
PPG-5 C12-14 Sec-Pareth-9	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-5 C12-14 Sec-Pareth-9...	IJT 35(Suppl. 1):60-89, 2016
PPG-5 C9-15 Pareth-6	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-5 C9-15 Pareth-6...	IJT 35(Suppl. 1):60-89, 2016
PPG-5 Lanolin Alcohol Ether	S		IJT 37(Suppl. 1):19-27, 2018
PPG-5 Lanolin Wax	S		IJT 16(Suppl.3):307-315, 1997; IJT 37(Suppl. 1):19-27, 2018
PPG-5 Lanolin Wax Glyceride	S		IJT 16(Suppl.3):307-315, 1997; IJT 37(Suppl. 1):19-27, 2018
PPG-5-Buteth-5	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-5-Buteth-5...	Final Report 4/2017 Available from CIR
PPG-5-Buteth-7	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-5-Buteth-7...	Final Report 4/2017 Available from CIR
PPG-5-Ceteth-20	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-5-Ceteth-20...	IJT 35(Suppl. 1):60-89, 2016
PPG-5-Laureth-5	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-5-Laureth-5...	IJT 35(Suppl. 1):60-89, 2016
PPG-51	SQ	The CIR Expert Panel concluded that ... PPG-51 and any PG >=3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	IJT 31(Suppl 2):245-260, 2012
PPG-52	SQ	The CIR Expert Panel concluded that ... PPG-52 and any PG >= 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	IJT 31(Suppl 2):245-260, 2012
PPG-52 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-52 Butyl Ether...	IJT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-53 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-53 Butyl Ether...	IJT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-6	SQ	The CIR Expert Panel concluded that ... PPG-6 and any PG >= 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	IJT 31(Suppl 2):245-260, 2012

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Ingredient	Finding†	Conclusion	Citation#
PPG-6 C12-15 Pareth-12	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-6 C12-15 Pareth-12...	IJT 35(Suppl. 1):60-89, 2016
PPG-6 C9-11 Pareth-5	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-6 C9-11 Pareth-5...	IJT 35(Suppl. 1):60-89, 2016
PPG-6 Trideceth-8	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-6 Trideceth-8...	IJT 35(Suppl. 1):60-89, 2016
PPG-6-Deceth-4	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-6-Deceth-4...	IJT 35(Suppl. 1):60-89, 2016
PPG-6-Deceth-9	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-6-Deceth-9...	IJT 35(Suppl. 1):60-89, 2016
PPG-6-Decyltetradeceth-12	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-6-Decyltetradeceth-12...	IJT 35(Suppl. 1):60-89, 2016
PPG-6-Decyltetradeceth-20	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-6-Decyltetradeceth-20...	IJT 35(Suppl. 1):60-89, 2016
PPG-6-Decyltetradeceth-30	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-6-Decyltetradeceth-30...	IJT 35(Suppl. 1):60-89, 2016
PPG-6-Laureth-3	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-6-Laureth-3...	IJT 35(Suppl. 1):60-89, 2016
PPG-69	SQ	The CIR Expert Panel concluded that ... PPG-69 and any PG >= 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	IJT 31(Suppl 2):245-260, 2012
PPG-7	SQ	The CIR Expert Panel concluded that PPG-7 and any PG >= 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	IJT 31(Suppl 2):245-260, 2012
PPG-7-Buteth-10	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-7-Buteth-10...	Final Report 4/2017 Available from CIR
PPG-7-Buteth-4	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-7-Buteth-4...	Final Report 4/2017 Available from CIR
PPG-8-Ceteth-1	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-8-Ceteth-1...	IJT 35(Suppl. 1):60-89, 2016
PPG-8-Ceteth-10	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-8-Ceteth-10...	IJT 35(Suppl. 1):60-89, 2016
PPG-8-Ceteth-2	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-8-Ceteth-2...	IJT 35(Suppl. 1):60-89, 2016
PPG-8-Ceteth-20	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-8-Ceteth-20...	IJT 35(Suppl. 1):60-89, 2016
PPG-8-Ceteth-5	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-8-Ceteth-5...	IJT 35(Suppl. 1):60-89, 2016
PPG-8-Deceth-6	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-8-Deceth-6...	IJT 35(Suppl. 1):60-89, 2016
PPG-9	SQ	The CIR Expert Panel concluded that PPG-9 and any PG >= 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	JACT 13(6):437-491, 1994;IJT 31(Suppl 2):245-260, 2012
PPG-9 Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-9 Butyl Ether...	IJT 20(suppl 4):39-52, 2001;Final Report 4/2017 Available from CIR
PPG-9 Diethylmonium Chloride	UNS	The CIR Expert Panel concludes that the available data are insufficient to support the safety of PPG-9, -25, and -40 Diethylmonium Chloride for use in cosmetic products.	IJT 18(S3):57-59, 1999
PPG-9 Ethylhexeth-5	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-9 Ethylhexeth-5...	IJT 35(Suppl. 1):60-89, 2016
PPG-9-Buteth-12	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...PPG-9-Buteth-12...	IJT 19(S1):47-67, 2000;Final Report 12/2000 Available from CIR;Final Report 4/2017 Available from CIR

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Ingredient	Finding†	Conclusion	Citation#
PPG-9-Steareth-3	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...PPG-9-Steareth-3...	UT 35(Suppl. 1):60-89, 2016
PTFE	S		Final Report 10/2018 available from CIR
PVM/MA Copolymer	S		UT 30(Suppl. 2):128-144, 2011
PVP	S		Final Report 12/2018 Available from CIR
PVP/Decene Copolymer	S		Final Report 12/2018 Available from CIR
PVP/Dimethylaminoethylmethacrylate Copolymer	S		UT 21(Suppl. 3):1-50, 2002;Final Report 12/2018 Available from CIR
PVP/VA/Itaconic Acid Copolymer	S		Final Report 12/2018 Available from CIR
PVP/VA/Vinyl Propionate Copolymer	S		Final Report 12/2018 Available from CIR
Palm (Elaeis Guineensis) Kernel Oil	S		UT 19(S2):7-28, 2000;UT 36(Suppl. 3):51-129, 2017
Palm (Elaeis Guineensis) Oil	S		UT 19(S2):7-28, 2000;UT 36(Suppl. 3):51-129, 2017
Palm Acid	S		UT 36(Suppl. 3):51-129, 2017
Palm Kernel Acid	S		UT 36(Suppl. 3):51-129, 2017
Palm Kernel Oil Polyglyceryl-4 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Palm Kernel Oil Polyglyceryl-4 Esters...	Final Report 9/2016 Available from CIR
Palm Kernelamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Palm Kernelamide DEA...	UT 32(Suppl. 1):36-58, 2013
Palm Kernelamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Palm Kernelamide MEA...	UT 34(Suppl.1):18-34, 2015
Palm Kernelamide MIPA	SQ	The CIR Expert Panel concluded that the 14 alkyl amide MIPA ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Palm Kernelamide MIPA...	Final Report 12/2019 Available from CIR
Palm Kernelamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Palm Kernelamidopropyl Betaine...	UT 31(Suppl. 1):77-111, 2012
Palm Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Palm Oil PEG-8 Esters...	UT 33(Suppl 4):13-39, 2014
Palm Oil Polyglyceryl-3 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Palm Oil Polyglyceryl-3 Esters...	Final Report 9/2016 Available from CIR
Palm Oil Polyglyceryl-4 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Palm Oil Polyglyceryl-4 Esters...	Final Report 9/2016 Available from CIR
Palm Oil Polyglyceryl-5 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Palm Oil Polyglyceryl-5 Esters...	Final Report 9/2016 Available from CIR
Palm Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Palm Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Palmamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Palmamide DEA...	UT 32(Suppl. 1):36-58, 2013
Palmamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Palmamide MEA...	UT 34(Suppl.1):18-34, 2015

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Ingredient	Finding†	Conclusion	Citation#
Palamide MIPA	SQ	The CIR Expert Panel concluded that the 14 alkyl amide MIPA ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Palamide MIPA...	Final Report 12/2019 Available from CIR
Palamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Palamidopropyl Betaine...	UT 31(Suppl. 1):77-111, 2012
Palmeth-2	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Palmeth-2...	UT 31(Suppl. 2):169-244, 2012
Palmitamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Palmitamide DEA...	UT 32(Suppl. 1):36-58, 2013
Palmitamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Palmitamide MEA...	UT 34(Suppl.1):18-34, 2015
Palmitamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Palmitamidopropyl Betaine...	UT 31(Suppl. 1):77-111, 2012
Palmitamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Palmitamidopropyl Dimethylamine...	UT 38(S1):39-69,2019
Palmitic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Palmitic Acid...	Final Report 04/2019 Available from CIR
Palmitic/Stearic Triglyceride	S		Final Report 12/2017 Available from CIR
Palmitoyl Alanine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Palmitoyl Alanine...	UT 36(Suppl. 1):17-56, 2017
Palmitoyl Arginine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Palmitoyl Arginine...	UT 36(Suppl. 1):17-56, 2017
Palmitoyl Carnitine	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Palmitoyl Carnitine...	UT 31(Suppl. 3):296-341, 2012
Palmitoyl Collagen Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Palmitoyl Collagen Amino Acids...	UT 36(Suppl. 1):17-56, 2017
Palmitoyl Ethyltrimonium Methosulfate	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Palmitoyl Ethyltrimonium Methosulfate...	UT 31(Suppl. 3):296-341, 2012
Palmitoyl Glutamic Acid	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Palmitoyl Glutamic Acid...	UT 36(Suppl. 1):17-56, 2017
Palmitoyl Glycine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Palmitoyl Glycine...	UT 36(Suppl. 1):17-56, 2017
Palmitoyl Gold of Pleasure Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Palmitoyl Gold of Pleasure Amino Acids...	UT 36(Suppl. 1):17-56, 2017
Palmitoyl Hexapeptide-12	S		Final Report 06/10/2014 Available from CIR
Palmitoyl Inulin	S		Final Report 9/2015 Available from CIR
Palmitoyl Isoleucine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Palmitoyl Isoleucine...	UT 36(Suppl. 1):17-56, 2017
Palmitoyl Keratin Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Palmitoyl Keratin Amino Acids...	UT 36(Suppl. 1):17-56, 2017
Palmitoyl Millet Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Palmitoyl Millet Amino Acids...	UT 36(Suppl. 1):17-56, 2017
Palmitoyl Oat Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Palmitoyl Oat Amino Acids...	UT 36(Suppl. 1):17-56, 2017

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Ingredient	Finding*	Conclusion	Citation#
Palmitoyl Oligopeptide	S		Final Report 06/10/2014 Available from CIR
Palmitoyl Pea Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Palmitoyl Pea Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
Palmitoyl Proline	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Palmitoyl Proline...	IJT 36(Suppl. 1):17-56, 2017
Palmitoyl Quinoa Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Palmitoyl Quinoa Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
Palmitoyl Silk Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Palmitoyl Silk Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
Palmitoyl Tetrapeptide-7	S		Final Report 06/10/2014 Available from CIR
Palmitoyl Tripeptide-1	S		Final Report 06/10/2014 Available from CIR
Panax Ginseng Root	S		IJT 34(Suppl.3):5-42, 2015
Panax Ginseng Root Extract	S		IJT 34(Suppl.3):5-42, 2015
Panax Ginseng Root Oil	S		IJT 34(Suppl.3):5-42, 2015
Panax Ginseng Root Powder	S		IJT 34(Suppl.3):5-42, 2015
Panax Ginseng Root Protoplasts	S		IJT 34(Suppl.3):5-42, 2015
Panax Ginseng Root Water	S		IJT 34(Suppl.3):5-42, 2015
Panax Japonicus Root Extract	S		IJT 34(Suppl.3):5-42, 2015
Panax Notoginseng Root Extract	S		IJT 34(Suppl.3):5-42, 2015
Panax Notoginseng Root Powder	S		IJT 34(Suppl.3):5-42, 2015
Panax Quinquifolium Root Extract	S		IJT 34(Suppl.3):5-42, 2015
Panthenol	S		JACT 6(1):139-162, 1987;IJT 25(Suppl. 2) :1-89,2006;Final Report 12/2017 Available from CIR
Panthenyl Ethyl Ether	S		Final Report 12/2017 Available from CIR
Panthenyl Ethyl Ether Acetate	S		Final Report 12/2017 Available from CIR
Panthenyl Triacetate	S		Final Report 12/2017 Available from CIR
Pantothenamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Pantothenamide MEA...	IJT 34(Suppl.1):18-34, 2015
Pantothenic Acid	S		JACT 6(1):139-162, 1987;IJT 25(Suppl. 2) :1-89,2006;Final Report 12/2017 Available from CIR
Paraffin	S		JACT 3(3):43-99, 1984; IJT 24(Suppl. 1):1-102, 2005
Parinari Curatellifolia Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Parinari Curatellifolia Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Passiflora Edulis Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Passiflora Edulis Seed Oils PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Passiflora Edulis Seed Oils PEG-8 Esters...	IJT 33(Suppl 4):13-39, 2014
Peanut (Arachis Hypogaea) Flour	Z	Based on the available data, the CIR Expert Panel concludes that Peanut (Arachis Hypogaea) Oil, Hydrogenated Peanut Oil, Peanut Acid, and Peanut Glycerides are safe for use in cosmetic formulations. The available data are insufficient to support the safety of Peanut (Arachis Hypogaea) Flour for use in cosmetic products.	IJT 20(S2):65-77, 2001
Peanut (Arachis Hypogaea) Oil	Z	safe in the present practices of use and concentration described in this safety assessment	IJT 20(S2):65-77, 2001; IJT 36(Suppl. 3):51-129, 2017
Peanut Acid	S		IJT 20(S2):65-77, 2001;IJT 36(Suppl. 3):51-129, 2017
Peanut Glycerides	S		IJT 20(S2):65-77, 2001
Peanut Oil PEG-6 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Peanut Oil PEG-6 Esters...	IJT 33(Suppl 4):13-39, 2014
Peanutamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Peanutamide MEA...	IJT 34(Suppl.1):18-34, 2015
Peanutamide MIPA	SQ	The CIR Expert Panel concluded that the 14 alkyl amide MIPA ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Peanutamide MIPA...	Final Report 12/2019 Available from CIR
Pectin	S		Final Report 9/2015 Available from CIR
Pelargonic Acid	S		Final Report 3/2015 Available from CIR
Pelvetia Canaliculata Extract	S		Final Report 09/2019 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Pelvetia Siliquosa Extract	I	The Panel also concluded that the available data are insufficient to support a conclusion of safety for the remaining 14 ingredients are under intended conditions of use in cosmetic formulations	Final Report 09/2019 Available from CIR
Pentaerythritol Rosinate	UNS	The CIR Expert Panel concludes that the data available on Pentaerythritol Rosinate are insufficient to support the safety of this ingredient as used in cosmetic products.	JACT 13(5):395-399, 1994; IJT 17(S4):83-94, 1998
Pentaerythrityl Cocoate	S		IJT 30(Suppl. 1):5-16, 2011
Pentaerythrityl Tetra C5-10 Acid Esters	S		IJT 34(Suppl. 2):99-112, 2015
Pentaerythrityl Tetra C5-9 Acid Esters	S		IJT 34(Suppl. 2):99-112, 2015
Pentaerythrityl Tetra-di-t-butyl Hydroxyhydrocinnamate	S		Final Report 3/2014 Available from CIR
Pentaerythrityl Tetrabenenate	S		IJT 34(Suppl. 2):99-112, 2015
Pentaerythrityl Tetrabenenate/Benzoate/Ethylhexanoate	S		IJT 34(Suppl. 2):99-112, 2015
Pentaerythrityl Tetrabenzoate	S		IJT 34(Suppl. 2):99-112, 2015
Pentaerythrityl Tetracaprylate/Tetracaprate	S		IJT 34(Suppl. 2):99-112, 2015
Pentaerythrityl Tetracocoate	S		IJT 34(Suppl. 2):99-112, 2015
Pentaerythrityl Tetraethylhexanoate	S		IJT 34(Suppl. 2):99-112, 2015
Pentaerythrityl Tetraethylhexanoate/Benzoate	S		IJT 34(Suppl. 2):99-112, 2015
Pentaerythrityl Tetraisononanoate	S		IJT 30(Suppl. 3):228-269, 2011; IJT 34(Suppl. 2):99-112, 2015
Pentaerythrityl Tetraistearate	S		IJT 34(Suppl. 2):99-112, 2015
Pentaerythrityl Tetralaurate	S		IJT 34(Suppl. 2):99-112, 2015
Pentaerythrityl Tetramyristate	S		IJT 34(Suppl. 2):99-112, 2015
Pentaerythrityl Tetraoleate	S		IJT 34(Suppl. 2):99-112, 2015
Pentaerythrityl Tetrapelargonate	S		IJT 30(Suppl. 3):228-269, 2011; IJT 34(Suppl. 2):99-112, 2015
Pentaerythrityl Tetrastearate	S		IJT 34(Suppl. 2):99-112, 2015
Pentapotassium Triphosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Pentapotassium Triphosphate...	Final Report 9/2016 Available from CIR
Pentassium Triphosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Pentassium Triphosphate...	Final Report 9/2016 Available from CIR
Pentetic Acid	S		IJT 27(Suppl. 2):71-92, 2008
Pentylene Glycol	S		IJT 31(Suppl. 2):147-168, 2012
Perfluorononyl Dimethicone/Methicone/Amodimethicone Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
Perilla Ocymoides Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Persea Gratissima (Avocado) Butter	S		IJT 36(Suppl. 3):51-129, 2017
Persea Gratissima (Avocado) Oil	S		JEPT 4(4):93-103, 1980; IJT 22(Suppl. 1):1-35, 2003; IJT 36(Suppl. 3):51-129, 2017
Persea Gratissima (Avocado) Oil Unsaponifiables	S		IJT 36(Suppl. 3):51-129, 2017
Persea Gratissima (Avocado) Sterols	S		Final Report 12/2013 Available from CIR
Petroleum Distillates	S		JACT 5(3):225-248, 1986; IJT 27(Suppl. 1):77-142, 2008
Phaseolus Angularis Seed Starch	S		Final Report 9/2015 Available from CIR
Phaseolus Radiatus Seed Starch	S		Final Report 9/2015 Available from CIR
Phenethyl Alcohol	SQ	On the basis of the available data, the Expert Panel concludes that Phenethyl Alcohol is safe in cosmetic products in the present practices of use at concentrations of up to 1%.	JACT 9(2):165-183, 1990; IJT 27(Suppl. 1):77-142, 2008
Phenoxyethanol	S		JACT 9(2):259-277, 1990; IJT 30(Suppl. 2):73-127, 2011
Phenyl Methyl Pyrazolone	S		JACT 11(4):475-488, 1992; IJT 30(Suppl. 2):73-127, 2011
Phenyl Trimethicone	S		JACT 5(5):353-371, 1986; IJT 25(Suppl. 2):1-89, 2006
Phenylalanine	S		IJT 32(Suppl. 4):41-64, 2013
p-Phenylenediamine HCl	S		Final Report 12/2007 Available from CIR
m-Phenylenediamine Sulfate	SQ	On the basis of the animal and clinical data included in this report, the CIR Expert Panel concludes that m-Phenylenediamine and m-Phenylenediamine Sulfate are safe for use in hair dyes at concentrations of up to 10%.	IJT 16(S1):59-115, 1997; IJT 36(Suppl 2):14-58, 2017
p-Phenylenediamine Sulfate	S		Final Report 12/2007 Available from CIR
p-Phenylenediamine	S		JACT 4(3):203-266, 1985; IJT 25(Suppl. 2):1-89, 2006; Final Report 12/2007 Available from CIR
m-Phenylenediamine	SQ	On the basis of the animal and clinical data included in this report, the CIR Expert Panel concludes that m-Phenylenediamine and m-Phenylenediamine Sulfate are safe for use in hair dyes at concentrations of up to 10%.	IJT 16(S1):59-115, 1997; IJT 36(Suppl 2):14-58, 2017
Phloroglucinol	Z	On the basis of the available data, the CIR Panel cannot conclude that Phloroglucinol is safe for use in cosmetic products until the appropriate safety data have been obtained and evaluated.	JACT 14(6):468-475, 1995
Phosphate Buffered Saline	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Phosphate Buffered Saline...	Final Report 9/2016 Available from CIR
Phosphatidic Acid	S		IJT 39(S2):5-25, 2020
Phosphatidylcholine	S		IJT 39(S2):5-25, 2020
Phosphatidylglycerol	S		IJT 39(S2):5-25, 2020
Phosphatidylinositol	S		IJT 39(S2):5-25, 2020
Phosphatidylserine	S		IJT 39(S2):5-25, 2020
Phospholipids	S		IJT 39(S2):5-25, 2020
Phosphoric Acid	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Phosphoric Acid...	Final Report 9/2016 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Phthalic Anhydride/Trimellitic Anhydride/Glycols Copolymer	SQ, I	The CIR Expert Panel concluded that ...Phthalic Anhydride/Trimellitic Anhydride/Glycols Copolymer is safe in nail product formulations in the present practices of use and concentration described in this safety assessment; the data are insufficient to make a determination of safety on the use of these ingredients in all other types of cosmetic formulations.	IJT 39(S3):74-92,2020
Phyllanthus Fibrosa Extract	S		Final Report 09/2019 Available from CIR
Phytantriol	S		IJT 26(Suppl. 1):107-117, 2007
Phytic Acid	S		Final Report 10/2018 Available from CIR
Phytin	S		Final Report 10/2018 Available from CIR
Phytosterols	S		Final Report 12/2013 Available from CIR
Phytosteryl Butyrate	S		Final Report 12/2013 Available from CIR
Phytosteryl Canolate	S		Final Report 12/2013 Available from CIR
Phytosteryl Caprylate/Caprates	S		Final Report 12/2013 Available from CIR
Phytosteryl Hydroxystearate	S		Final Report 12/2013 Available from CIR
Phytosteryl Isostearate	S		Final Report 12/2013 Available from CIR
Phytosteryl Linoleate	S		Final Report 12/2013 Available from CIR
Phytosteryl Linoleate/Linolenate	S		Final Report 12/2013 Available from CIR
Phytosteryl Macadamiate	S		Final Report 12/2013 Available from CIR
Phytosteryl Nonanoate	S		IJT 30(Suppl. 3):228-269, 2011;Final Report 12/2013 Available from CIR
Phytosteryl Oleate	S		Final Report 12/2013 Available from CIR
Phytosteryl Rice Branate	S		Final Report 12/2013 Available from CIR
Phytosteryl Ricinoleate	S		Final Report 12/2013 Available from CIR
Phytosteryl Sunflowerseedate	S		Final Report 12/2013 Available from CIR
Picramic Acid	S		IJT 28(Suppl. 3):205-216, 2009
Pinus Sibirica Seed Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Pinus Sibirica Seed Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Piper Methysticum Extract	UNS	The CIR Expert Panel concluded that the available data are insufficient to support the safety of Piper Methysticum Leaf/Root/Stem Extract and Piper Methysticum Root Extract.	IJT 28(Suppl.2):175-188, 2009
Piper Methysticum Leaf/Root/Stem Extract	UNS	The CIR Expert Panel concluded that the available data are insufficient to support the safety of Piper Methysticum Leaf/Root/Stem Extract and Piper Methysticum Root Extract.	IJT 28(Suppl.2):175-188, 2009
Piper Methysticum Root Extract	Z	The CIR Expert Panel concluded that the available data are insufficient to support the safety of Piper Methysticum Leaf/Root/Stem Extract and Piper Methysticum Root Extract.	IJT 28(Suppl.2):175-188, 2009
Pistacia Vera Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Pisum Sativum (Pea) Protein	S		Final Report 9/2017 Available from CIR
Pisum Sativum (Pea) Starch	S		Final Report 9/2015 Available from CIR
Placental Enzymes	UNS	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Human Placental Protein, Hydrolyzed Human Placental Protein, Human Placental Enzymes, Human Placental Lipids, Human Umbilical Extract, Placental Protein, Hydrolyzed Placental Protein, Placental Enzymes, Placental Lipids, Umbilical Extract for use in cosmetic products. If these ingredients are used, they should not deliver any metabolic/endocrine activity, and they must be free of detectable pathogenic viruses or infectious agents.	IJT 21(Suppl 1):81-91, 2002
Placental Lipids	UNS	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Human Placental Protein, Hydrolyzed Human Placental Protein, Human Placental Enzymes, Human Placental Lipids, Human Umbilical Extract, Placental Protein, Hydrolyzed Placental Protein, Placental Enzymes, Placental Lipids, Umbilical Extract for use in cosmetic products. If these ingredients are used, they should not deliver any metabolic/endocrine activity, and they must be free of detectable pathogenic viruses or infectious agents.	IJT 21(Suppl 1):81-91, 2002
Placental Protein	UNS	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Human Placental Protein, Hydrolyzed Human Placental Protein, Human Placental Enzymes, Human Placental Lipids, Human Umbilical Extract, Placental Protein, Hydrolyzed Placental Protein, Placental Enzymes, Placental Lipids, Umbilical Extract for use in cosmetic products. If these ingredients are used, they should not deliver any metabolic/endocrine activity, and they must be free of detectable pathogenic viruses or infectious agents.	IJT 21(Suppl 1):81-91, 2002
Plukenetia Volubilis Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Polianthes Tuberosa Polysaccharide	S		Final Report 9/2015 Available from CIR
Poloxamer 101	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 105	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 105 Benzoate	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 108	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 122	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 123	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 124	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 181	S		IJT 27(Suppl. 2):93-128, 2008

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Poloxamer 182	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 182 Dibenzoate	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 183	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 184	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 185	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 188	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 212	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 215	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 217	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 231	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 234	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 235	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 237	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 238	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 282	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 284	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 288	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 331	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 333	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 334	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 335	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 338	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 401	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 402	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 403	S		IJT 27(Suppl. 2):93-128, 2008
Poloxamer 407	S		IJT 27(Suppl. 2):93-128, 2008
Poly C10-30 Alkyl Acrylate	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Poly C10-30 Alkyl Acrylate...	Final Report 12/2018 Available from CIR
Poly(C20-28 Olefin)	S		IJT 39(S2):59-90,2020
Poly(C30-45 Olefin)	S		IJT 39(S2):59-90,2020
Poly(C4-12 Olefin)	S		IJT 39(S2):59-90,2020
Poly(C6-14 Olefin)	S		IJT 39(S2):59-90,2020
Poly(Methoxy PEG-9 Methacrylate)	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Poly(Methoxy PEG-9 Methacrylate)...	Final Report 12/2018 Available from CIR
Polyacrylamide	SQ	The CIR Expert Panel concluded that Polyacrylamide is safe as a cosmetic ingredient in the practices of use and concentrations described in this safety assessment, if the level of acrylamide monomer in formulation is not greater than 5 ppm.	JACT 10(1):193-203, 1991; IJT 24(Suppl. 2):21-50, 2005
Polyacrylate-1 Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Polyacrylate-1 Crosspolymer...	Final Report 12/2018 Available from CIR
Polyacrylate-12	S		Final Report 9/2014 Available from CIR
Polyacrylate-14	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Polyacrylate-14...	Final Report 12/2018 Available from CIR
Polyacrylate-15	S		Final Report 9/2014 Available from CIR
Polyacrylate-16	S		Final Report 9/2014 Available from CIR
Polyacrylate-18	S		Final Report 9/2014 Available from CIR
Polyacrylate-2	S		Final Report 9/2014 Available from CIR
Polyacrylate-21	S		Final Report 9/2014 Available from CIR
Polyacrylate-29	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Polyacrylate-29...	Final Report 12/2018 Available from CIR
Polyacrylate-30	S		Final Report 9/2014 Available from CIR
Polyacrylate-34	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Polyacrylate-34...	Final Report 12/2018 Available from CIR
Polyacrylate-5	S		Final Report 9/2014 Available from CIR
Polyacrylic Acid	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Polyacrylic Acid...	Final Report 12/2018 Available from CIR
Polyamino Sugar Condensate	S		JACT 1(4):35-54, 1982 ;IJT 24(Suppl. 1):1-102, 2005
Polyaminopropyl Biguanide	SQ;I	when formulated to be non-irritating and non-sensitizing, which may be based on a QRA or other accepted methodologies; the data are insufficient to determine the safety of in products that may be inhaled	IJT 39(S3):26-73,2020
Polybutene	S		JACT 1(4):103-118, 1982;IJT 24(Suppl. 1):1-102, 2005;IJT 39(S2):59-90,2020
Polybutyl Acrylate	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Polybutyl Acrylate...	Final Report 12/2018 Available from CIR

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Ingredient	Finding†	Conclusion	Citation#
Polybutyl Methacrylate	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Polybutyl Methacrylate...	Final Report 12/2018 Available from CIR
Polybutylene Terephthalate	S		UT 33(Suppl. 3):36-47, 2014
Polycaprylsilsesquioxane	S		Final Report 12/2017 Available from CIR
Polydecene	S		UT 39(S2):59-90,2020
Polydimethylsiloxy PEG/PPG-24/19 Butyl Ether Silsesquioxane	S		Final Report 12/2017 Available from CIR
Polydimethylsiloxy PPG-13 Butyl Ether Silsesquioxane	S		Final Report 12/2017 Available from CIR
Polydimethylsiloxyethyl Dimethicone/Bis-Vinylmethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Polyethylacrylate	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Polyethylacrylate...	Final Report 12/2018 Available from CIR
Polyethylene	S		UT 26(Suppl. 1):115-127, 2007;UT 39(S2):59-90,2020
Polyethylene Isoterephthalate	S		UT 33(Suppl. 3):36-47, 2014
Polyethylene Terephthalate	S		UT 33(Suppl. 3):36-47, 2014
Polyglyceryl-10 Apricot Kernelate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Polyglyceryl-10 Apricot Kernelate...	Final Report 9/2016 Available from CIR
Polyglyceryl-10 Behenate/Eicosadioate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Polyglyceryl-10 Behenate/Eicosadioate...	Final Report 9/2016 Available from CIR
Polyglyceryl-10 Caprate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Polyglyceryl-10 Caprate...	Final Report 9/2016 Available from CIR
Polyglyceryl-10 Caprylate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Polyglyceryl-10 Caprylate...	Final Report 9/2016 Available from CIR
Polyglyceryl-10 Caprylate/Caprate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Polyglyceryl-10 Caprylate/Caprate...	Final Report 9/2016 Available from CIR
Polyglyceryl-10 Cocoate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Polyglyceryl-10 Cocoate...	Final Report 9/2016 Available from CIR
Polyglyceryl-10 Decaethylhexanoate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Polyglyceryl-10 Decaethylhexanoate...	Final Report 9/2016 Available from CIR
Polyglyceryl-10 Decahydroxystearate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Polyglyceryl-10 Decahydroxystearate...	Final Report 9/2016 Available from CIR
Polyglyceryl-10 Decaisostearate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Polyglyceryl-10 Decaisostearate...	Final Report 9/2016 Available from CIR
Polyglyceryl-10 Decalinoleate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Polyglyceryl-10 Decalinoleate...	Final Report 9/2016 Available from CIR
Polyglyceryl-10 Decamacadamiate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Polyglyceryl-10 Decamacadamiate...	Final Report 9/2016 Available from CIR
Polyglyceryl-10 Decaoleate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Polyglyceryl-10 Decaoleate...	Final Report 9/2016 Available from CIR
Polyglyceryl-10 Decastearate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Polyglyceryl-10 Decastearate...	Final Report 9/2016 Available from CIR
Polyglyceryl-10 Dicoate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Polyglyceryl-10 Dicoate...	Final Report 9/2016 Available from CIR
Polyglyceryl-10 Didecanoate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Polyglyceryl-10 Didecanoate...	Final Report 9/2016 Available from CIR
Polyglyceryl-10 Diisostearate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Polyglyceryl-10 Diisostearate...	Final Report 9/2016 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Polyglyceryl-6 Undecylenate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Polyglyceryl-6 Undecylenate...	Final Report 9/2016 Available from CIR
Polyglyceryl-6 Ximenia Americana Seedate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Polyglyceryl-6 Ximenia Americana Seedate...	Final Report 9/2016 Available from CIR
Polyglyceryl-8 C12-20 Acid Ester	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Polyglyceryl-8 C12-20 Acid Ester...	Final Report 9/2016 Available from CIR
Polyglyceryl-8 Decabehenate/Caprates	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Polyglyceryl-8 Decabehenate/Caprates...	Final Report 9/2016 Available from CIR
Polyglyceryl-8 Decaerucate/Decaisostearate/Decaricinole	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Polyglyceryl-8 Decaerucate/Decaisostearate/Decaricinole...	Final Report 09/27/16 available from CIR
Polyglyceryl-8 Decaerucate/Decaisostearate/Decaricinoleate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Polyglyceryl-8 Decaerucate/Decaisostearate/Decaricinoleate...	Final Report 9/2016 Available from CIR
Polyglyceryl-8 Oleate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Polyglyceryl-8 Oleate...	Final Report 9/2016 Available from CIR
Polyglyceryl-8 Stearate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Polyglyceryl-8 Stearate...	Final Report 9/2016 Available from CIR
Polyhydroxyethylmethacrylate	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Polyhydroxyethylmethacrylate...	Final Report 12/2018 Available from CIR
Polysobutene	S		IJT 27 (Suppl. 4):83-106, 2008;IJT 39(S2):59-90,2020
Polysisobutyl Methacrylate	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Polysisobutyl Methacrylate...	Final Report 12/2018 Available from CIR
Polysoprene	S		IJT 39(S2):59-90,2020
Polymethyl Acrylate	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Polymethyl Acrylate...	Final Report 12/2018 Available from CIR
Polymethyl Methacrylate	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Polymethyl Methacrylate...	Final Report 12/2018 Available from CIR
Polymethylsilsesquioxane	S		Final Report 12/2017 Available from CIR
Polymethylsilsesquioxane/Trimethylsiloxylicilate	S		Final Report 12/2017 Available from CIR
Polyoxymethylene Melamine	Z	The safety of this ingredient has not been documented and substantiated. The CIR Expert Panel cannot conclude whether Melamine/Formaldehyde Resin is safe for use in cosmetic products until such time that the appropriate safety data have been obtained and evaluated.	JACT 14(5):373-385, 1995
Polyoxymethylene Urea	SQ	On the basis of the animal, clinical, and use data presented in this report, the CIR Expert Panel concludes that Polyoxymethylene Urea is safe for use as a cosmetic ingredient. Cosmetics containing Polyoxymethylene Urea should be formulated to ensure that concentrations of free formaldehyde not exceed 0.2%. It cannot be concluded that Polyoxymethylene Urea is safe for use in cosmetic products intended to be aerosolized.	JACT 14(3):204-220, 1995; IJT 30(Suppl. 2):73-127, 2011
Polypentaerythrityl Terephthalate	S		IJT 33(Suppl. 3):36-47, 2014
Polypentene	S		IJT 39(S2):59-90,2020
Polyperfluoroethoxymethoxy Difluoroethyl PEG Diisostearate	Z	The CIR Expert Panel concluded that the following two fluoropolymers are safe in cosmetics in the present practices of use and concentration described in this safety assessment.Fluoropolymers PTFE Hexafluoropropylene/Tetrafluoroethylene Copolymer*.	Final Report 10/2018 available from CIR
Polyperfluoroethoxymethoxy Difluoroethyl PEG Ether	Z	The CIR Expert Panel concluded that the following two fluoropolymers are safe in cosmetics in the present practices of use and concentration described in this safety assessment.Fluoropolymers PTFE Hexafluoropropylene/Tetrafluoroethylene Copolymer*.	Final Report 10/2018 available from CIR
Polyperfluoroethoxymethoxy Difluorohydroxyethyl Ether	Z	The CIR Expert Panel concluded that the following two fluoropolymers are safe in cosmetics in the present practices of use and concentration described in this safety assessment.Fluoropolymers PTFE Hexafluoropropylene/Tetrafluoroethylene Copolymer*.	Final Report 10/2018 available from CIR

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Ingredient	Finding†	Conclusion	Citation#
Polyperfluoroethoxymethoxy Difluoromethyl Ether	Z	The CIR Expert Panel concluded that the following two fluoropolymers are safe in cosmetics in the present practices of use and concentration described in this safety assessment. Fluoropolymers PTFE Hexafluoropropylene/Tetrafluoroethylene Copolymer*.	Final Report 10/2018 available from CIR
Polypropyl Methacrylate	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Polypropyl Methacrylate...	Final Report 12/2018 Available from CIR
Polypropylene	S		IUT 39(S2):59-90, 2020
Polypropylene Terephthalate	S		IUT 33(Suppl. 3):36-47, 2014
Polypropylsilsesquioxane	S		Final Report 12/2017 Available from CIR
Polyquaternium-10	S		JACT 7(3):335-351, 1988; IUT 27(Suppl. 1):77-142, 2008
Polyquaternium-11	S		JACT 2(5):161-178, 1983; IUT 24(Suppl. 1):1-102, 2005
Polyquaternium-14	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Polyquaternium-14...	IUT 31(Suppl. 3):296-341, 2012
Polyquaternium-22	S		IUT 35(Suppl. 3):47-53, 2016
Polyquaternium-28	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Polyquaternium-28...	IUT 31(Suppl. 3):296-341, 2012
Polyquaternium-32	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Polyquaternium-32.....Polyquaternium-32...	IUT 31(Suppl. 3):296-341, 2012
Polyquaternium-33	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Polyquaternium-33...	IUT 31(Suppl. 3):296-341, 2012
Polyquaternium-35	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Polyquaternium-35...	IUT 31(Suppl. 3):296-341, 2012
Polyquaternium-36	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Polyquaternium-36...	IUT 31(Suppl. 3):296-341, 2012
Polyquaternium-37	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Polyquaternium-37...	IUT 31(Suppl. 3):296-341, 2012
Polyquaternium-39	S		IUT 35(Suppl. 3):47-53, 2016
Polyquaternium-45	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Polyquaternium-45...	IUT 31(Suppl. 3):296-341, 2012
Polyquaternium-47	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Polyquaternium-47...	IUT 31(Suppl. 3):296-341, 2012
Polyquaternium-48	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Polyquaternium-48...	IUT 31(Suppl. 3):296-341, 2012
Polyquaternium-53	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Polyquaternium-53...	IUT 31(Suppl. 3):296-341, 2012
Polyquaternium-63	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Polyquaternium-63...	IUT 31(Suppl. 3):296-341, 2012
Polyquaternium-7	S		JACT 14(6):476-484, 1995; IUT 30(Suppl. 2):73-127, 2011
Polyquaternium-73	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Polyquaternium-73...	IUT 31(Suppl. 3):296-341, 2012
Polyquaternium-91	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating. Polyquaternium-91...	IUT 31(Suppl. 3):296-341, 2012
Polysilicone-13	S		Final Report 12/2014 Available from CIR
Polysilicone-2	UNS	The CIR Expert Panel concluded that Polysilicone-2, Polysilicone-4, and Polysilicone-5 are safe when used to coat metal oxide particles and that the data are insufficient to determine safety if these ingredients are used independently in cosmetics.	Final Report 9/2016 Available from CIR
Polysilicone-4	UNS	The CIR Expert Panel concluded that Polysilicone-2, Polysilicone-4, and Polysilicone-5 are safe when used to coat metal oxide particles and that the data are insufficient to determine safety if these ingredients are used independently in cosmetics.	Final Report 9/2016 Available from CIR
Polysilicone-5	UNS	The CIR Expert Panel concluded that Polysilicone-2, Polysilicone-4, and Polysilicone-5 are safe when used to coat metal oxide particles and that the data are insufficient to determine safety if these ingredients are used independently in cosmetics.	Final Report 9/2016 Available from CIR
Polysorbate 20	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments. Polysorbate 20...	JACT 3(5):1-82, 1984; Final Report 6/2015 Available from CIR

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Ingredient	Finding†	Conclusion	Citation#
Polysorbate 21	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Polysorbate 21...	JACT 3(5):1-82, 1984;Final Report 6/2015 Available from CIR
Polysorbate 40	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Polysorbate 40...	JACT 3(5):1-82, 1984;Final Report 6/2015 Available from CIR
Polysorbate 60	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Polysorbate 60...	JACT 3(5):1-82, 1984;Final Report 6/2015 Available from CIR
Polysorbate 61	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Polysorbate 61...	JACT 3(5):1-82, 1984;Final Report 6/2015 Available from CIR
Polysorbate 65	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Polysorbate 65...	JACT 3(5):1-82, 1984;Final Report 6/2015 Available from CIR
Polysorbate 80	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Polysorbate 80...	JACT 3(5):1-82, 1984;Final Report 6/2015 Available from CIR
Polysorbate 81	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Polysorbate 81...	JACT 3(5):1-82, 1984;Final Report 6/2015 Available from CIR
Polysorbate 85	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Polysorbate 85...	JACT 3(5):1-82, 1984;Final Report 6/2015 Available from CIR
Polystyrene	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Polystyrene Methacrylate...	Final Report 12/2018 Available from CIR
Polystyrene	S		Final Report 9/2014 Available from CIR
Polystyrene/Hydrogenated Polyisopentene Copolymer	S		Final Report 9/2014 Available from CIR
Polyurethane-1	S		Final Report 9/2017 Available from CIR
Polyurethane-10	S		Final Report 9/2017 Available from CIR
Polyurethane-11	S		Final Report 9/2017 Available from CIR
Polyurethane-12	S		Final Report 9/2017 Available from CIR
Polyurethane-13	S		Final Report 9/2017 Available from CIR
Polyurethane-14	S		Final Report 9/2017 Available from CIR
Polyurethane-15	S		Final Report 9/2017 Available from CIR
Polyurethane-16	S		Final Report 9/2017 Available from CIR
Polyurethane-17	S		Final Report 9/2017 Available from CIR
Polyurethane-18	S		Final Report 9/2017 Available from CIR
Polyurethane-19	S		Final Report 9/2017 Available from CIR
Polyurethane-2	S		Final Report 9/2017 Available from CIR
Polyurethane-20	S		Final Report 9/2017 Available from CIR
Polyurethane-21	S		Final Report 9/2017 Available from CIR
Polyurethane-23	S		Final Report 9/2017 Available from CIR
Polyurethane-24	S		Final Report 9/2017 Available from CIR
Polyurethane-25	S		Final Report 9/2017 Available from CIR
Polyurethane-26	S		Final Report 9/2017 Available from CIR
Polyurethane-27	S		Final Report 9/2017 Available from CIR
Polyurethane-28	S		Final Report 9/2017 Available from CIR
Polyurethane-29	S		Final Report 9/2017 Available from CIR
Polyurethane-32	S		Final Report 9/2017 Available from CIR
Polyurethane-33	S		Final Report 9/2017 Available from CIR
Polyurethane-34	S		Final Report 9/2017 Available from CIR
Polyurethane-35	SQ	The CIR Expert Panel concluded that butylene glycol diisononanoate, cetearyl isononanoate, cetearyl nonanoate, cetyl isononanoate, cholesteryl nonanoate, diethylene glycol diethyl-hexanoate/ diisononanoate, dipentaerythrityl pentaiononanoate, ethylhexyl isononanoate, isodecyl isononanoate, isononyl isononanoate, isotridecyl isononanoate, neopentyl glycol diisononanoate, PEG-2 diisononanoate, PEG-5 isononanoate, pentaerythrityl tetraiononanoate, polyglyceryl-20 octaiononanoate, tridecyl isononanoate, ethylhexyl pelargonate, pentaerythrityl tetrapelargonate, cellobiose octaiononanoate, diethylene glycol diisononanoate, dihydrocholesteryl nonanoate, glycereth-7 diisononanoate, isostearyl isononanoate, phytosteryl nonanoate, propylene glycol diisononanoate, ethyl pelargonate, isobutyl pelargonate, methyl pelargonate, neopentyl glycol dicaprylate/dipelargonate/dicaprate, and pelargonic acid are safe as cosmetic ingredients in the present practices of use and concentration described in this safety assessment.	Final Report 3/2015 Available from CIR
Polyurethane-36	S		Final Report 9/2017 Available from CIR
Polyurethane-39	S		Final Report 9/2017 Available from CIR
Polyurethane-4	S		Final Report 9/2017 Available from CIR
Polyurethane-40	S		Final Report 9/2017 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Polyurethane-41	S		Final Report 9/2017 Available from CIR
Polyurethane-42	S		Final Report 9/2017 Available from CIR
Polyurethane-43	S		Final Report 9/2017 Available from CIR
Polyurethane-44	S		Final Report 9/2017 Available from CIR
Polyurethane-45	S		Final Report 9/2017 Available from CIR
Polyurethane-46	S		Final Report 9/2017 Available from CIR
Polyurethane-47	S		Final Report 9/2017 Available from CIR
Polyurethane-48	S		Final Report 9/2017 Available from CIR
Polyurethane-49	S		Final Report 9/2017 Available from CIR
Polyurethane-5	S		Final Report 9/2017 Available from CIR
Polyurethane-50	S		Final Report 9/2017 Available from CIR
Polyurethane-51	S		Final Report 9/2017 Available from CIR
Polyurethane-52	S		Final Report 9/2017 Available from CIR
Polyurethane-53	S		Final Report 9/2017 Available from CIR
Polyurethane-54	S		Final Report 9/2017 Available from CIR
Polyurethane-55	S		Final Report 9/2017 Available from CIR
Polyurethane-56	S		Final Report 9/2017 Available from CIR
Polyurethane-57	S		Final Report 9/2017 Available from CIR
Polyurethane-58	S		Final Report 9/2017 Available from CIR
Polyurethane-59	S		Final Report 9/2017 Available from CIR
Polyurethane-6	S		Final Report 9/2017 Available from CIR
Polyurethane-60	S		Final Report 9/2017 Available from CIR
Polyurethane-61	S		Final Report 9/2017 Available from CIR
Polyurethane-62	S		Final Report 9/2017 Available from CIR
Polyurethane-63	S		Final Report 9/2017 Available from CIR
Polyurethane-64	S		Final Report 9/2017 Available from CIR
Polyurethane-65	S		Final Report 9/2017 Available from CIR
Polyurethane-66	S		Final Report 9/2017 Available from CIR
Polyurethane-67	S		Final Report 9/2017 Available from CIR
Polyurethane-68	S		Final Report 9/2017 Available from CIR
Polyurethane-69	S		Final Report 9/2017 Available from CIR
Polyurethane-7	S		Final Report 9/2017 Available from CIR
Polyurethane-70	S		Final Report 9/2017 Available from CIR
Polyurethane-71	S		Final Report 9/2017 Available from CIR
Polyurethane-72	S		Final Report 9/2017 Available from CIR
Polyurethane-8	S		Final Report 9/2017 Available from CIR
Polyurethane-9	S		Final Report 9/2017 Available from CIR
Polyvinyl Acetate	S		JACT 11(4):465-473, 1992; JACT 15(2):166-176, 1996; IJT 36(Suppl 2):14-58, 2017
Polyvinyl Alcohol	S		IJT 17(S5):67-92, 1998; IJT 36(Suppl 2):14-58, 2017
Polyvinylpyrrolidone	S		Final Report 12/2018 Available from CIR
Polyvinylpyrrolidone/Vinyl Acetate Copolymer	S		Final Report 12/2018 Available from CIR
Potassium Acetate	S		IJT 31(Suppl. 1):112-136, 2012
Potassium Acrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Potassium Acrylate Crosspolymer...	Final Report 12/2018 Available from CIR
Potassium Acrylates Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Potassium Acrylates Copolymer...	Final Report 12/2018 Available from CIR
Potassium Acrylates/C10-30 Alkyl Acrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Potassium Acrylates/C10-30 Alkyl Acrylate Crosspolymer...	Final Report 12/2018 Available from CIR
Potassium Acrylates/Ethylhexyl Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Potassium Acrylates/Ethylhexyl Acrylate Copolymer...	Final Report 12/2018 Available from CIR
Potassium Alginate	S		Final Report 9/2015 Available from CIR
Potassium Aluminum Polyacrylate	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Potassium Aluminum Polyacrylate...	Final Report 12/2018 Available from CIR
Potassium Ascorbyl Tocopheryl Phosphate	S		IJT 21(Suppl. 3):51-116, 2002;Final Report 3/2014 Available from CIR
Potassium Aspartate	S		IJT 32(Suppl. 4):41-64, 2013
Potassium Babassuate	S		IJT 36(Suppl. 3):51-129, 2017
Potassium Behenate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Behenate...	Final Report 04/2019 Available from CIR
Potassium Benzoate	S		IJT 36(Suppl. 3):5-30, 2017
Potassium Bicarbonate	SQ	The CIR Expert Panel concluded that the following 6 carbonate salts are safe in the present practices of use and concentration, as described in this safety assessment, when formulated to be non-irritating...Potassium Bicarbonate...	Final Report 12/2016 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Potassium Borageate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Borageate...	Final Report 04/2019 Available from CIR
Potassium Bromate	SQ	Based upon the data included in this report the CIR Expert Panel concludes that Sodium Bromate and Potassium Bromate may be used in cosmetic permanent wave formulations at concentrations not to exceed 10.17%, measured as Sodium Bromate.	JACT 13(5):400-414, 1994; IJT 30(Suppl. 2):73-127, 2011
Potassium Butyl Ester of PVM/MA Copolymer	S		IJT 30(Suppl. 2):128-144, 2011
Potassium Butylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8%...Potassium Butylparaben...	IJT 39(51):5-97,2020
Potassium C11-15 Alkyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Potassium C11-15 Alkyl Phosphate...	IJT 38(52):12-32,2019
Potassium C12-13 Alkyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Potassium C12-13 Alkyl Phosphate...	IJT 38(52):12-32,2019
Potassium C12-14 Alkyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Potassium C12-14 Alkyl Phosphate...	IJT 38(52):12-32,2019
Potassium C9-15 Alkyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Potassium C9-15 Alkyl Phosphate...	IJT 38(52):12-32,2019
Potassium Camelliate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Camelliate...	Final Report 04/2019 Available from CIR
Potassium Caprate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Caprate...	Final Report 04/2019 Available from CIR
Potassium Caproyl Tyrosine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Potassium Caproyl Tyrosine...	IJT 36(Suppl. 1):17-56, 2017
Potassium Caprylate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Caprylate...	Final Report 04/2019 Available from CIR
Potassium Caprylate/Caprates	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Caprylate/Caprates...	Final Report 04/2019 Available from CIR
Potassium Capryloyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Potassium Capryloyl Glutamate...	IJT 36(Suppl. 1):17-56, 2017
Potassium Carbomer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Potassium Carbomer...	Final Report 12/2018 Available from CIR
Potassium Carbonate	SQ	The CIR Expert Panel concluded that the following 6 carbonate salts are safe in the present practices of use and concentration, as described in this safety assessment, when formulated to be non-irritating...Potassium Carbonate...	Final Report 12/2016 Available from CIR
Potassium Carrageenan	S		Final Report 9/2015 Available from CIR
Potassium Caseinate	S		Final Report 9/2017 Available from CIR
Potassium Castorate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Castorate...	Final Report 04/2019 Available from CIR
Potassium Cellulose Succinate	S		Final Report 3/2009 Available from CIR
Potassium Cetyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Potassium Cetyl Phosphate...	IJT 38(52):12-32,2019
Potassium Chlorate	Z	The safety of this ingredient has not been documented and substantiated. The CIR Expert Panel cannot conclude whether Potassium Chlorate is safe for use in cosmetic products until the appropriate safety data have been obtained and evaluated.	JACT 14(3):221-230, 1995
Potassium Citrate	S		IJT 33(Suppl.2):16-46, 2014
Potassium Cocoate	S		IJT 30(Suppl. 1):5-16, 2011 ;IJT 36(Suppl. 3):51-129, 2017

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Ingredient	Finding†	Conclusion	Citation‡
Potassium Cocoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Potassium Cocoyl Glutamate...	IJT 36(Suppl. 1):17-56, 2017
Potassium Cocoyl Glycinate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Potassium Cocoyl Glycinate...	IJT 36(Suppl. 1):17-56, 2017
Potassium Cocoyl Rice Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Potassium Cocoyl Rice Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
Potassium Cocoyl Sarcosinate	SQ	The CIR Expert Panel concluded that the following ingredients are safe as used in cosmetics when formulated to be non-irritating. The Expert Panel cautions that these ingredients should not be used in cosmetic products in which N-nitroso compounds can be found...Potassium Cocoyl Sarcosinate...	Final Report 9/2016 Available from CIR
Potassium Cocoyl Taurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Potassium Cocoyl Taurate...	Final Report 12/2015 Available from CIR
Potassium Cornate	S		IJT 30(Suppl. 1):17-39, 2011 ;IJT 36(Suppl. 3):51-129, 2017
Potassium Cumenesulfonate	SQ	Potassium Cumenesulfonate ... safe as cosmetic ingredient in the present practice of use and concentration as described in this safety assessment, when formulated to be nonirritating	IJT 30(Suppl. 3):270-283, 2011
Potassium Dextrin Octenylsuccinate	S		Final Report 9/2015 Available from CIR
Potassium Dodecylbenzenesulfonate	SQ	Salts of alkylbenzene sulfonates, including ammonium dodecylbenzenesulfonate, calcium dodecylbenzenesulfonate, DEA-dodecylbenzenesulfonate, isopropylamine dodecylbenzenesulfonate, magnesium isodecylbenzenesulfonate, MIPA-dodecylbenzenesulfonate, potassium dodecylbenzenesulfonate, sodium decylbenzenesulfonate, SDDBS, sodium tridecylbenzenesulfonate, TEA-DBS, and TEA-tridecylbenzenesulfonate, are safe as cosmetic ingredients in the practices of use given in this safety assessment when formulated to be nonirritating.	IJT 29(Suppl. 4):288-305, 2010
Potassium Ethyl Ester of PVM/MA Copolymer	S		IJT 30(Suppl. 2):128-144, 2011
Potassium Ethylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8%...Potassium Ethylparaben...	IJT 39(S1):5-97,2020
Potassium Gluconate	S		IJT 38(S1):5-38,2019
Potassium Glycolate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Potassium Glycolate...	IJT 17(S1):1-241, 1998; IJT 36(Suppl 2):14-58, 2017
Potassium Glycyrhethinate	S		IJT 26(Suppl. 2):79-112, 2007
Potassium Glycyrhizinate	S		IJT 26(Suppl. 2):79-112, 2007
Potassium Hyaluronate	S		IJT 28(Suppl. 1):5-67, 2009
Potassium Hydrogenated Cocoate	S		IJT 30(Suppl. 1):5-16, 2011 ;IJT 36(Suppl. 3):51-129, 2017
Potassium Hydrogenated Palmate	S		IJT 36(Suppl. 3):51-129, 2017
Potassium Hydrogenated Tallowate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Hydrogenated Tallowate...	Final Report 04/2019 Available from CIR
Potassium Hydroxide	SQ	The CIR Expert Panel concluded that ... Potassium Hydroxide is safe in hair straighteners and depilatories under conditions of recommended use; users should minimize skin contact. Å These ingredients are safe for all other present practices of use and concentration described in this safety assessment when formulated to be nonirritating.	Final Report 12/2015 Available from CIR
Potassium Hydroxystearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Hydroxystearate...	Final Report 04/2019 Available from CIR
Potassium Isostearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Isostearate.....Potassium Isostearate...	Final Report 04/2019 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Potassium Lactate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Potassium Lactate...	IJT 17(S1):1-241, 1998; IJT 36(Suppl 2):14-58, 2017
Potassium Lanolate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Lanolate...	Final Report 04/2019 Available from CIR
Potassium Laurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Laurate...	Final Report 04/2019 Available from CIR
Potassium Lauroyl Collagen Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Potassium Lauroyl Collagen Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
Potassium Lauroyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Potassium Lauroyl Glutamate...	IJT 36(Suppl. 1):17-56, 2017
Potassium Lauroyl Oat Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Potassium Lauroyl Oat Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
Potassium Lauroyl Pea Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Potassium Lauroyl Pea Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
Potassium Lauroyl Sarcosinate	SQ	The CIR Expert Panel concluded that the following ingredients are safe as used in cosmetics when formulated to be non-irritating. The Expert Panel cautions that these ingredients should not be used in cosmetic products in which N-nitroso compounds can be found...Potassium Lauroyl Sarcosinate...	Final Report 9/2016 Available from CIR
Potassium Lauroyl Silk Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Potassium Lauroyl Silk Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
Potassium Lauroyl Wheat Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Potassium Lauroyl Wheat Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
Potassium Lauryl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Potassium Lauryl Phosphate...	IJT 38(S2):12-32,2019
Potassium Linoleate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Linoleate...	Final Report 04/2019 Available from CIR
Potassium Linseedate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Linseedate...	Final Report 04/2019 Available from CIR
Potassium Metabisulfite	S		IJT 22(Suppl. 2):63-88, 2003
Potassium Metaphosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Potassium Metaphosphate...	Final Report 9/2016 Available from CIR
Potassium Methyl Cocoyl Taurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Potassium Methyl Cocoyl Taurate...	Final Report 12/2015 Available from CIR
Potassium Methylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...Potassium Methylparaben...	IJT 39(S1):5-97,2020
Potassium Myristate	S		IJT 29(Suppl. 3):162-186,2010
Potassium Myristoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Potassium Myristoyl Glutamate...	IJT 36(Suppl. 1):17-56, 2017
Potassium Octoxynol-12 Phosphate	S		IJT 23(Suppl. 1):59-111, 2004

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Ingredient	Finding†	Conclusion	Citation‡
Potassium Oleate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Oleate...	Final Report 04/2019 Available from CIR
Potassium Olivinate	S		IJT 36(Suppl. 3):51-129, 2017
Potassium Olivinate/Sunflowerseedate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Olivinate/Sunflowerseedate...	Final Report 04/2019 Available from CIR
Potassium Olivoyl/Lauroyl Wheat Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Potassium Olivoyl/Lauroyl Wheat Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
Potassium PCA	SQ	The CIR Expert Panel concluded that PCA (i.e., 2-pyrrolidone-5-carboxylic acid), calcium PCA, magnesium PCA, potassium PCA, and sodium PCA are safe in cosmetics in the present practices of use and concentration described in this safety assessment. PCA and its salts should not be used in cosmetic products in which N-nitroso compounds can be formed.	IJT 38(S2):5-11, 2019
Potassium PEG-50 Hydrogenated Castor Oil Succinate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Potassium PEG-50 Hydrogenated Castor Oil Succinate...	IJT 33(Suppl 4):13-39, 2014
Potassium Palm Kernelate	S		IJT 36(Suppl. 3):51-129, 2017
Potassium Palmate	S		IJT 36(Suppl. 3):51-129, 2017
Potassium Palmitate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Palmitate...	Final Report 04/2019 Available from CIR
Potassium Paraben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...Potassium Paraben...	IJT 39(S1):5-97, 2020
Potassium Peanutate	S		IJT 36(Suppl. 3):51-129, 2017
Potassium Persulfate	SQ; I	The CIR Expert Panel concluded that Ammonium, Potassium, and Sodium Persulfate are safe as used as oxidizing agents in hair colorants and hair lighteners designed for brief discontinuous use followed by thorough rinsing from the hair and skin. The Panel also concluded that the available data are insufficient for determining the safety of these persulfates in leave-on products and dentifrices.	IJT 20(suppl 3):7-21, 2001; Final Report 12/2017 Available from CIR
Potassium Phosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Potassium Phosphate...	Final Report 9/2016 Available from CIR
Potassium Polyacrylate	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Potassium Polyacrylate...	Final Report 12/2018 Available from CIR
Potassium Polyphosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Potassium Polyphosphate...	Final Report 9/2016 Available from CIR
Potassium Propylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...Potassium Propylparaben...	IJT 39(S1):5-97, 2020
Potassium Rapeseedate	S		IJT 36(Suppl. 3):51-129, 2017
Potassium Ricinoleate	S		IJT 26(Suppl. 3):31-77, 2007
Potassium Safflowerate	S		IJT 36(Suppl. 3):51-129, 2017
Potassium Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...Potassium Salicylate...	Final Report 04/2019 Available from CIR
Potassium Silicate	S		IJT 24(S1):103-117, 2005
Potassium Sorbate	S		JACT 7(6):837-880, 1988; IJT 27(Suppl. 1):77-142, 2008
Potassium Soyate	S		IJT 36(Suppl. 3):51-129, 2017
Potassium Stearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Stearate...	Final Report 04/2019 Available from CIR
Potassium Stearoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Potassium Stearoyl Glutamate...	IJT 36(Suppl. 1):17-56, 2017

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Ingredient	Finding†	Conclusion	Citation‡
Potassium Sulfite	S		IUT 22(Suppl. 2):63-88, 2003
Potassium Sunflowerseedate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Sunflowerseedate...	Final Report 04/2019 Available from CIR
Potassium Tallate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Tallate	IUT 28(Suppl. 3):252-258, 2009;Final Report 04/2019 Available from CIR
Potassium Tallowate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Tallowate...	Final Report 04/2019 Available from CIR
Potassium Taurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Potassium Taurate...	Final Report 12/2015 Available from CIR
Potassium Thioglycolate	SQ	Based on the available data, the CIR Expert Panel concluded that ... Potassium Thioglycolate is safe for use in hair straighteners, permanent waves, tonics, dressings, and so forth, wave sets, other non-coloring hair products, and hair dyes and colors, as described in this safety assessment, at concentrations up to 1.2% (as Thioglycolic Acid). Hairdressers should avoid skin contact and minimize consumer skin exposure. Potassium Thioglycolate in depilatories is safe when formulated to be non-irritating under conditions of recommended use.	IUT 28(Suppl. 1):68-133, 2009
Potassium Toluenesulfonate	SQ	Potassium Toluenesulfonate safe ... as cosmetic ingredient in the present practice of use and concentration as described in this safety assessment, when formulated to be nonirritating	IUT 30(Suppl. 3):270-283, 2011
Potassium Undecylenate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Potassium Undecylenate...	Final Report 04/2019 Available from CIR
Potassium Undecylenoyl Alginate	S		Final Report 9/2015 Available from CIR
Potassium Undecylenoyl Carrageenan	S		Final Report 9/2015 Available from CIR
Potassium Undecylenoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Potassium Undecylenoyl Glutamate...	IUT 36(Suppl. 1):17-56, 2017
Potassium Xylene Sulfonate	SQ	Potassium Xylene Sulfonate ... safe as cosmetic ingredient in the present practice of use and concentration as described in this safety assessment, when formulated to be nonirritating	IUT 30(Suppl. 3):270-283, 2011
Potassium Xylenesulfonate	SQ	Potassium Xylenesulfonate ... safe as cosmetic ingredient in the present practice of use and concentration as described in this safety assessment, when formulated to be nonirritating	IUT 30(Suppl. 3):270-283, 2011
Potassium-Coco-Hydrolyzed Animal Protein	S		JACT 2(7):75-86, 1983; IUT 24(Suppl. 1):1-102, 2005
Potato Starch Modified	S		Final Report 9/2015 Available from CIR
Proline	S		IUT 32(Suppl. 4):41-64, 2013
Propane	S		JACT 1(4):127-142, 1982; IUT 24(Suppl. 1):1-102, 2005
Propanediol	S		Final Report 06/2018 available from CIR
Propanediol Dicaprylate	S		Final Report 9/2017 Available from CIR
Propanediol Dicaprylate/Caprata	S		Final Report 9/2017 Available from CIR
Propanediol Diisostearate	S		Final Report 9/2017 Available from CIR
Propanediol Dipelargonate	S		Final Report 9/2017 Available from CIR
Propionyl Collagen Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Propionyl Collagen Amino Acids...	IUT 36(Suppl. 1):17-56, 2017
Propyl Acetate	S		IUT 31(Suppl. 1):112-136, 2012
Propyl Alcohol	S		IUT 31(Suppl. 1):112-136, 2012
Propyl Benzoate	S		IUT 31(Suppl.3):342-372, 2012
Propyl Gallate	SQ	On the basis of the data presented in this report, the CIR Expert Panel concludes that Propyl Gallate is safe in the practices of use as described in this safety assessment at concentrations less than or equal to 0.1%.	JACT 4(3):23-64, 1985; IUT 26(Suppl. 3):89-118, 2007
Propyl Glycolate	SQ	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Propyl Glycolate...	IUT 17(S1):1-241, 1998; IUT 36(Suppl 2):14-58, 2017
Propylene Carbonate	S		JACT 6(1):23-51, 1987; IUT 25(Suppl. 2) :1-89,2006

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Ingredient	Finding†	Conclusion	Citation‡
Propylene Glycol	SQ	The CIR Expert Panel concluded that ... PG and any PG >= 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	JACT 13(6):437-491, 1994;JUT 31(Suppl 2):245-260, 2012
Propylene Glycol Alginate	S		Final Report 9/2015 Available from CIR
Propylene Glycol Behenate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Behenate...	Final Report 12/2014 Available from CIR
Propylene Glycol Butyl Ether	SQ	The CIR Expert Panel concluded that the following butyl polyoxyalkylene ethers safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Propylene Glycol Butyl Ether...	Final Report 4/2017 Available from CIR
Propylene Glycol Capreth-4	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...Propylene Glycol Capreth-4...	JUT 35(Suppl. 1):60-89, 2016
Propylene Glycol Caprylate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Caprylate...	Final Report 12/2014 Available from CIR
Propylene Glycol Cocoate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Cocoate...	Final Report 12/2014 Available from CIR
Propylene Glycol Dicaprate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Dicaprate...	JUT 18(S2):35-52, 1999;Final Report 12/2014 Available from CIR
Propylene Glycol Dicaproate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Dicaproate...	Final Report 12/2014 Available from CIR
Propylene Glycol Dicaprylate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Dicaprylate...	JUT 18(S2):35-52, 1999;Final Report 12/2014 Available from CIR
Propylene Glycol Dicaprylate/Dicaprate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Dicaprylate/Dicaprate...	JUT 18(S2):35-52, 1999;Final Report 12/2014 Available from CIR
Propylene Glycol Dicoate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Dicoate...	JUT 18(S2):35-52, 1999;Final Report 12/2014 Available from CIR
Propylene Glycol Diethylhexanoate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Diethylhexanoate...	Final Report 12/2014 Available from CIR
Propylene Glycol Diisononanoate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Diisononanoate...	JUT 18(S2):35-52, 1999;Final Report 12/2014 Available from CIR
Propylene Glycol Diisostearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Diisostearate...	JUT 18(S2):35-52, 1999;Final Report 12/2014 Available from CIR
Propylene Glycol Dilaurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Dilaurate...	JUT 18(S2):35-52, 1999;Final Report 12/2014 Available from CIR
Propylene Glycol Dioleate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Dioleate...	JUT 18(S2):35-52, 1999;Final Report 12/2014 Available from CIR
Propylene Glycol Dipelargonate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Dipelargonate...	JUT 18(S2):35-52, 1999;Final Report 12/2014 Available from CIR
Propylene Glycol Distearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Distearate...	Final Report 12/2014 Available from CIR
Propylene Glycol Heptanoate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Heptanoate...	Final Report 12/2014 Available from CIR
Propylene Glycol Isodeceth-12	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...Propylene Glycol Isodeceth-12...	JUT 35(Suppl. 1):60-89, 2016
Propylene Glycol Isodeceth-4	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...Propylene Glycol Isodeceth-4...	JUT 35(Suppl. 1):60-89, 2016
Propylene Glycol Isostearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Isostearate...	JUT 18(S2):35-52, 1999;Final Report 12/2014 Available from CIR
Propylene Glycol Laurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Laurate...	JUT 18(S2):35-52, 1999;Final Report 12/2014 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Propylene Glycol Laureth-6	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...Propylene Glycol Laureth-6...	IJT 35(Suppl. 1):60-89, 2016
Propylene Glycol Linoleate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Linoleate...	Final Report 12/2014 Available from CIR
Propylene Glycol Linolenate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Linolenate...	Final Report 12/2014 Available from CIR
Propylene Glycol Myristate	S		IJT 18(S2):35-52, 1999;IJT 29(Suppl. 3):162-186,2010;Final Report 12/2014 Available from CIR
Propylene Glycol Oleate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Oleate...	IJT 18(S2):35-52, 1999;Final Report 12/2014 Available from CIR
Propylene Glycol Oleate SE	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Oleate SE...	IJT 18(S2):35-52, 1999;Final Report 12/2014 Available from CIR
Propylene Glycol Oleth-5	SQ	The CIR Expert Panel concluded that the following 131 alkyl PEG/PPG ethers are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-irritating...Propylene Glycol Oleth-5...	IJT 35(Suppl. 1):60-89, 2016
Propylene Glycol Soyate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Soyate...	Final Report 12/2014 Available from CIR
Propylene Glycol Stearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Stearate...	JACT 2(5):101-124, 1983;IJT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
Propylene Glycol Stearate SE	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Stearate SE...	JACT 2(5):101-124, 1983;IJT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
Propylene Glycol Stearate Self-Emulsifying	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Propylene Glycol Stearate Self-Emulsifying...	JACT 2(5):101-124, 1983;IJT 24(Suppl. 1):1-102, 2005;Final Report 12/2014 Available from CIR
Propylene Glycol/Sebacic Acid/Trimellitic Anhydride Copolymer	Z	The CIR Expert Panel also concluded that the available data are insufficient to make a determination that the following four trimellitic anhydride copolymers are safe under the intended conditions of use in cosmetic formulations...Propylene Glycol/Sebacic Acid/Trimellitic Anhydride Copolymer	IJT 39(S3):74-92,2020
Propylheptyl Caprylate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Propylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...Propylparaben...	IJT 39(S1):5-97,2020
Prunus Amygdalus Dulcis (Sweet Almond) Oil	S		JACT 2(5):85-99, 1983 ;IJT 24(Suppl. 1):1-102, 2005;IJT 36(Suppl. 3):51-129, 2017
Prunus Amygdalus Dulcis (Sweet Almond) Oil Unsaponifiables	S		IJT 36(Suppl. 3):51-129, 2017
Prunus Armeniaca (Apricot) Kernel Oil	S		IJT 36(Suppl. 3):51-129, 2017
Prunus Armeniaca (Apricot) Kernel Oil Unsaponifiables	S		IJT 36(Suppl. 3):51-129, 2017
Prunus Avium (Sweet Cherry) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Prunus Domestica Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Prunus Persica (Peach) Gum	S		Final Report 9/2015 Available from CIR
Prunus Persica (Peach) Kernel Oil	S		IJT 36(Suppl. 3):51-129, 2017
Pseudoalteromonas Exopolysaccharides	S		IJT 35(Suppl. 1):5-49, 2016
Pueraria Lobata Starch	S		Final Report 9/2015 Available from CIR
Pullulan	S		IJT 35(Suppl. 1):5-49, 2016
Pumpkin Seed Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Pumpkin Seed Oil PEG-8 Esters...	IJT 33(Suppl 4):13-39, 2014
Pumpkin Seed Oil Polyglyceryl-4 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Pumpkin Seed Oil Polyglyceryl-4 Esters...	Final Report 9/2016 Available from CIR
Pumpkin Seed Oil Polyglyceryl-4 Esters Succinate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Pumpkin Seed Oil Polyglyceryl-4 Esters Succinate...	Final Report 9/2016 Available from CIR
Punica Granatum Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Punica Granatum Sterols	S		Final Report 12/2013 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Pyrocatechol	U; UNS	The CIR Expert Panel concludes that Pyrocatechol is unsafe for use in leave-on products, and that the available data are insufficient to support the safety of Pyrocatechol as used in hair dyes.	JACT 5(3):123-165, 1986; IJT 16(S1):11-58, 1997
Pyrogallol	S		JACT 10(1):67-85, 1991
Pyromallitic Glycidyl Dimethacrylate	SQ	Based on available data, the CIR Expert Panel concluded that ... Pyromallitic Glycidyl Dimethacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IJT 24(Suppl 5):53-100, 2005
Pyrophyllite	S		IJT 22(Suppl. 1):37-102, 2003
Pyrus Malus (Apple) Bark Extract	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Bark Extract...	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Carpel Powder	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Carpel Powder...	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Fiber	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Fiber...	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Flower Extract	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Flower Extract...	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Fruit	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Fruit...	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Fruit Extract	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Fruit Extract...	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Fruit Water	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Fruit Water...	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Juice	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Juice...	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Leaf Extract	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Leaf Extract...	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Pectin Extract	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Pectin Extract...	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Peel Extract	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Peel Extract...	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Peel Powder	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Peel Powder...	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Peel Wax	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Peel Wax...	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Pulp Extract	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Pulp Extract...	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Root Bark Powder	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Root Bark Powder...	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Root Extract	I	The Panel concluded that the available data are insufficient for evaluating the safety of the following 5 apple-derived ingredients in cosmetic products.	Final Report 4/2016 Available from CIR

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Ingredient	Finding†	Conclusion	Citation#
Pyrus Malus (Apple) Seed Extract	SQ	The CIR Expert Panel concluded that the following 21 apple-derived ingredients are safe in the present practices of use and concentration as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Pyrus Malus (Apple) Seed Extract...	Final Report 4/2016 Available from CIR
Pyrus Malus (Apple) Stem Extract	I	The Panel concluded that the available data are insufficient for evaluating the safety of the following 5 apple-derived ingredients in cosmetic products.	Final Report 4/2016 Available from CIR
Quassin	Z	The CIR Expert Panel concluded ... that the available data are insufficient to support the safety of Quassin... as denaturants.	IJT 27(Suppl. 1):1-43, 2008
Quaternium-15	SQ	Quaternium-15 is safe as a cosmetic ingredient in the practices of use in this safety assessment at concentrations not to exceed 0.2%.	JACT 5(3):61-101, 1986; IJT 29(Suppl. 2):98-114, 2010; IJT 36(Suppl 2):14-58, 2017
Quaternium-18	S		JACT 1(2):71-83, 1982; IJT 22(Suppl. 1):1-35, 2003
Quaternium-18 Bentonite	S		JACT 1(2):71-83, 1982; IJT 22(Suppl. 1):1-35, 2003
Quaternium-18 Hectorite	S		JACT 1(2):71-83, 1982; IJT 22(Suppl. 1):1-35, 2003; IJT 32(Suppl. 4):33-40, 2013
Quaternium-18/Benzalkonium Bentonite	SQ	The CIR Expert Panel concluded that the alkonium clay ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Quaternium-18/Benzalkonium Bentonite...	Final Report 4/2016 Available from CIR
Quaternium-22	S		JACT 14(6):485-497, 1995; IJT 30(Suppl. 2):73-127, 2011
Quaternium-26	SQ	Based on the available animal and clinical data in this report, the CIR Expert Panel concludes that Quaternium-26 is safe in the present practices of use. Quaternium-26 should not be used in products in which N-nitroso compounds may be formed.	IJT 19(S1):69-75, 2000
Quaternium-90 Bentonite	SQ	The CIR Expert Panel concluded that the alkonium clay ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Quaternium-90 Bentonite...	Final Report 4/2016 Available from CIR
Quaternium-90 Montmorillonite	SQ	The CIR Expert Panel concluded that the alkonium clay ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Quaternium-90 Montmorillonite...	Final Report 4/2016 Available from CIR
Quaternium-90 Sepiolite	SQ	The CIR Expert Panel concluded that the alkonium clay ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Quaternium-90 Sepiolite...	Final Report 4/2016 Available from CIR
Raffinose Isostearate	S		Final Report 12/2016 Available from CIR
Raffinose Myristate	S		Final Report 12/2016 Available from CIR
Raffinose Oleate	S		Final Report 12/2016 Available from CIR
Rapeseed Acid	S		IJT 36(Suppl. 3):51-129, 2017
Rapeseed Oil PEG-20 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Rapeseed Oil PEG-20 Esters...	IJT 33(Suppl 4):13-39, 2014
Rapeseed Oil PEG-3 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Rapeseed Oil PEG-3 Esters...	IJT 33(Suppl 4):13-39, 2014
Raspberry Seed Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Raspberry Seed Oil PEG-8 Esters...	IJT 33(Suppl 4):13-39, 2014
Resorcinol	S		JACT 5(3):167-203, 1986; IJT 27(Suppl. 1):77-142, 2008
Retinol	S		JACT 6(3):279-320, 1987; IJT 27(Suppl. 1):77-142, 2008; IJT 36(Suppl 2):14-58, 2017
Retinyl Palmitate	S		JACT 6(3):279-320, 1987; IJT 27(Suppl. 1):77-142, 2008; IJT 36(Suppl 2):14-58, 2017
Rhamnose	S		IJT 38(S1):5-38, 2019
Rhizobian Gum	S		IJT 35(Suppl. 1):5-49, 2016
Ribes Nigrum (Black Currant) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Ribes Rubrum (Currant) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Ribose	S		IJT 38(S1):5-38, 2019
Rice (Oryza Sativa) Bran	S		Final Report 2/2000 Available from CIR; Final Report 6/2001 Available from CIR; IJT 25(Suppl. 2):91-120, 2006
Rice (Oryza Sativa) Bran Extract	S		Final Report 2/2000 Available from CIR; Final Report 6/2001 Available from CIR; IJT 25(Suppl. 2):91-120, 2006
Rice (Oryza Sativa) Bran Oil	S		Final Report 2/2000 Available from CIR; Final Report 6/2001 Available from CIR; IJT 25(Suppl. 2):91-120, 2006; IJT 36(Suppl. 3):51-129, 2017
Rice (Oryza Sativa) Extract	S		Final Report 2/2000 Available from CIR; Final Report 6/2001 Available from CIR; IJT 25(Suppl. 2):91-120, 2006
Rice (Oryza Sativa) Germ Oil	S		Final Report 2/2000 Available from CIR; Final Report 6/2001 Available from CIR; IJT 25(Suppl. 2):91-120, 2006; IJT 36(Suppl. 3):51-129, 2017
Rice (Oryza Sativa) Powder	S		Final Report 2/2000 Available from CIR; Final Report 6/2001 Available from CIR; IJT 25(Suppl. 2):91-120, 2006
Rice (Oryza Sativa) Starch	S		Final Report 2/2000 Available from CIR; Final Report 6/2001 Available from CIR; IJT 25(Suppl. 2):91-120, 2006
Rice (Oryza Sativa) Wax	S		Final Report 2/2000 Available from CIR; Final Report 6/2001 Available from CIR; IJT 25(Suppl. 2):91-120, 2006

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Ingredient	Finding†	Conclusion	Citation‡
Rice Amino Acids	S		IJT 33(Suppl. 4):5-12, 2014
Rice Bran Acid	S		Final report 02/15/2000;Final report 06/05/2001;IJT 25(Suppl. 2):91-120, 2006 ;IJT 36(Suppl. 3):51-129, 2017
Rice Bran Oil Polyglyceryl-3 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Rice Bran Oil Polyglyceryl-3 Esters...	Final Report 9/2016 Available from CIR
Ricebranamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Ricebranamide DEA...	IJT 32(Suppl. 1):36-58, 2013
Ricinoleamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Ricinoleamide DEA...	IJT 32(Suppl. 1):36-58, 2013
Ricinoleamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Ricinoleamide MEA...	IJT 34(Suppl.1):18-34, 2015
Ricinoleamide MIPA	SQ	The CIR Expert Panel concluded that the 14 alkyl amide MIPA ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Ricinoleamide MIPA...	Final Report 12/2019 Available from CIR
Ricinoleamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Ricinoleamidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Ricinoleamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Ricinoleamidopropyl Dimethylamine...	IJT 38(§1):39-69,2019
Ricinoleic Acid	S		IJT 26(Suppl. 3):31-77, 2007
Ricinoleic/Caproic/Caprylic/Capric Triglyceride	S		Final Report 12/2017 Available from CIR
Ricinus Communis (Castor) Seed Oil	S		IJT 26(Suppl. 3):31-77, 2007
Rosa Canina Bud Extract	SQ	The CIR Expert Panel concluded that the following 12 Rosa canina-derived ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Rosa Canina Bud Extract...	Final Report 4/2017 Available from CIR
Rosa Canina Flower	SQ	The CIR Expert Panel concluded that the following 12 Rosa canina-derived ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Rosa Canina Flower...	Final Report 4/2017 Available from CIR
Rosa Canina Flower Extract	SQ	The CIR Expert Panel concluded that the following 12 Rosa canina-derived ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Rosa Canina Flower Extract...	Final Report 4/2017 Available from CIR
Rosa Canina Flower Oil	SQ	The CIR Expert Panel concluded that the following 12 Rosa canina-derived ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Rosa Canina Flower Oil...	Final Report 4/2017 Available from CIR
Rosa Canina Flower Powder	SQ	The CIR Expert Panel concluded that the following 12 Rosa canina-derived ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Rosa Canina Flower Powder...	Final Report 4/2017 Available from CIR
Rosa Canina Fruit	SQ	The CIR Expert Panel concluded that the following 12 Rosa canina-derived ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Rosa Canina Fruit...	Final Report 4/2017 Available from CIR
Rosa Canina Fruit Extract	SQ	The CIR Expert Panel concluded that the following 12 Rosa canina-derived ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Rosa Canina Fruit Extract...	Final Report 4/2017 Available from CIR
Rosa Canina Fruit Juice	SQ	The CIR Expert Panel concluded that the following 12 Rosa canina-derived ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Rosa Canina Fruit Juice...	Final Report 4/2017 Available from CIR
Rosa Canina Fruit Oil	S		IJT 36(Suppl. 3):51-129, 2017

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Ingredient	Finding†	Conclusion	Citation‡
Rosa Canina Leaf Extract	SQ	The CIR Expert Panel concluded that the following 12 Rosa canina-derived ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Rosa Canina Leaf Extract...	Final Report 4/2017 Available from CIR
Rosa Canina Seed	SQ	The CIR Expert Panel concluded that the following 12 Rosa canina-derived ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Rosa Canina Seed...	Final Report 4/2017 Available from CIR
Rosa Canina Seed Extract	SQ	The CIR Expert Panel concluded that the following 12 Rosa canina-derived ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Rosa Canina Seed Extract...	Final Report 4/2017 Available from CIR
Rosa Canina Seed Powder	SQ	The CIR Expert Panel concluded that the following 12 Rosa canina-derived ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating and non-sensitizing...Rosa Canina Seed Powder...	Final Report 4/2017 Available from CIR
Rosa Rubiginosa Seed Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Rosa Rubiginosa Seed Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Rosmarinus Officinalis (Rosemary) Extract	SQ	The CIR Expert Panel concluded that the following ten Rosmarinus officinalis (rosemary)-derived ingredients are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-sensitizing...Rosmarinus Officinalis (Rosemary) Extract...	Final Report 6/2014 Available from CIR
Rosmarinus Officinalis (Rosemary) Flower Extract	SQ	The CIR Expert Panel concluded that the following ten Rosmarinus officinalis (rosemary)-derived ingredients are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-sensitizing...Rosmarinus Officinalis (Rosemary) Flower Extract...	Final Report 6/2014 Available from CIR
Rosmarinus Officinalis (Rosemary) Flower/Leaf/Stem Extract	SQ	The CIR Expert Panel concluded that the following ten Rosmarinus officinalis (rosemary)-derived ingredients are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-sensitizing...Rosmarinus Officinalis (Rosemary) Flower/Leaf/Stem Extract...	Final Report 6/2014 Available from CIR
Rosmarinus Officinalis (Rosemary) Flower/Leaf/Stem Water	SQ	The CIR Expert Panel concluded that the following ten Rosmarinus officinalis (rosemary)-derived ingredients are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-sensitizing...Rosmarinus Officinalis (Rosemary) Flower/Leaf/Stem Water...	Final Report 6/2014 Available from CIR
Rosmarinus Officinalis (Rosemary) Leaf	SQ	The CIR Expert Panel concluded that the following ten Rosmarinus officinalis (rosemary)-derived ingredients are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-sensitizing...Rosmarinus Officinalis (Rosemary) Leaf...	Final Report 6/2014 Available from CIR
Rosmarinus Officinalis (Rosemary) Leaf Extract	SQ	The CIR Expert Panel concluded that the following ten Rosmarinus officinalis (rosemary)-derived ingredients are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-sensitizing...Rosmarinus Officinalis (Rosemary) Leaf Extract...	Final Report 6/2014 Available from CIR
Rosmarinus Officinalis (Rosemary) Leaf Oil	SQ	The CIR Expert Panel concluded that the following ten Rosmarinus officinalis (rosemary)-derived ingredients are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-sensitizing...Rosmarinus Officinalis (Rosemary) Leaf Oil...	Final Report 6/2014 Available from CIR
Rosmarinus Officinalis (Rosemary) Leaf Powder	SQ	The CIR Expert Panel concluded that the following ten Rosmarinus officinalis (rosemary)-derived ingredients are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-sensitizing...Rosmarinus Officinalis (Rosemary) Leaf Powder...	Final Report 6/2014 Available from CIR
Rosmarinus Officinalis (Rosemary) Leaf Water	SQ	The CIR Expert Panel concluded that the following ten Rosmarinus officinalis (rosemary)-derived ingredients are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-sensitizing...Rosmarinus Officinalis (Rosemary) Leaf Water...	Final Report 6/2014 Available from CIR
Rosmarinus Officinalis (Rosemary) Water	SQ	The CIR Expert Panel concluded that the following ten Rosmarinus officinalis (rosemary)-derived ingredients are safe in the present practices of use and concentration in cosmetics described in this safety assessment when formulated to be non-sensitizing...Rosmarinus Officinalis (Rosemary) Water...	Final Report 6/2014 Available from CIR
Rubus Chamaemorus Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Rubus Idaeus (Raspberry) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
SD Alcohol 3-A	S		IJT 27(Suppl. 1):1-43, 2008
SD Alcohol 30	S		IJT 27(Suppl. 1):1-43, 2008
SD Alcohol 39	Z	The CIR Expert Panel concluded that the available data are insufficient to support the safety of ... SD Alcohol 39...denatured with Quassin, Brucine, and Brucine Sulfate in cosmetic products...	IJT 27(Suppl. 1):1-43, 2008
SD Alcohol 39-B	S		IJT 27(Suppl. 1):1-43, 2008
SD Alcohol 39-C	S		IJT 27(Suppl. 1):1-43, 2008

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Ingredient	Finding†	Conclusion	Citation‡
SD Alcohol 40	UNS	The CIR Expert Panel concluded that the available data are insufficient to support the safety of ... SD Alcohol 40 denatured with Quassin, Brucine, and Brucine Sulfate in cosmetic products, and that the available data are insufficient to support the safety of Quassin, Brucine, and Brucine Sulfate as denaturants.	IJT 27(Suppl. 1):1-43, 2008
SD Alcohol 40-B	S		IJT 27(Suppl. 1):1-43, 2008
SD Alcohol 40-C	S		IJT 27(Suppl. 1):1-43, 2008
Saccharina Angustata Extract	S		Final Report 09/2019 Available from CIR
Saccharina Japonica Extract	S		Final Report 09/2019 Available from CIR
Saccharina Longicruris Extract	S		Final Report 09/2019 Available from CIR
Safflower Acid	S		IJT 36(Suppl. 3):51-129, 2017
Safflower Oil	S		JACT 4(5):171-197, 1985 ;IJT 25(Suppl. 2) :1-89,2006;IJT 36(Suppl. 3):51-129, 2017
Safflower Seed Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Safflower Seed Oil PEG-8 Esters...	IJT 33(Suppl 4):13-39, 2014
Safflower Seed Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Safflower Seed Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Salicylic Acid	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...Salicylic Acid...	Final Report 04/2019 Available from CIR
Sargassum Filipendula Extract	S		Final Report 09/2019 Available from CIR
Sargassum Fulvellum Extract	S		Final Report 09/2019 Available from CIR
Sargassum Fusiforme Extract	S		Final Report 09/2019 Available from CIR
Sargassum Glaucescens Extract	S		Final Report 09/2019 Available from CIR
Sargassum Horneri Extract	S		Final Report 09/2019 Available from CIR
Sargassum Muticum Extract	S		Final Report 09/2019 Available from CIR
Sargassum Pallidum Extract	S		Final Report 09/2019 Available from CIR
Sargassum Siliquastrum Extract	S		Final Report 09/2019 Available from CIR
Sargassum Thunbergii Extract	S		Final Report 09/2019 Available from CIR
Sargassum Vulgare Extract	S		Final Report 09/2019 Available from CIR
Schinziophyton Rautanenii Kernel Oil	S		IJT 36(Suppl. 3):51-129, 2017
Schinziophyton Rautanenii Kernel Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Schinziophyton Rautanenii Kernel Oil PEG-8 Esters...	IJT 33(Suppl 4):13-39, 2014
Schinziophyton Rautanenii Kernel Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Schinziophyton Rautanenii Kernel Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Sclerocarya Birrea Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Sclerocarya Birrea Seed Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Sclerocarya Birrea Seed Oil PEG-8 Esters...	IJT 33(Suppl 4):13-39, 2014
Sclerocarya Birrea Seed Oil Polyglyceryl-10 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sclerocarya Birrea Seed Oil Polyglyceryl-10 Esters...	Final Report 9/2016 Available from CIR
Sclerocarya Birrea Seed Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sclerocarya Birrea Seed Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Sclerotium Gum	S		IJT 35(Suppl. 1):5-49, 2016
Sebacic Acid	S		IJT 31(Suppl 1):5-76, 2012
Sericin	S		IJT 39(S3):127-144,2020
Serine	S		IJT 32(Suppl. 4):41-64, 2013
Sesame Amino Acids	S		IJT 33(Suppl 4):5-12, 2014
Sesame Oil	S		JACT 12(3):261-277, 1993 ;IJT 30(Suppl. 1):40-53, 2011 ;IJT 36(Suppl. 3):51-129, 2017
Sesame Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sesame Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Sesame Seed Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Sesame Seed Oil PEG-8 Esters...	IJT 33(Suppl 4):13-39, 2014

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Ingredient	Finding†	Conclusion	Citation‡
Sesamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Sesamide DEA...	IJT 32(Suppl. 1):36-58, 2013
Sesamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Sesamidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Sesamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Sesamidopropyl Dimethylamine...	IJT 38(S1):39-69,2019
Sesamum Indicum (Sesame) Oil Unsaponifiables	S		IJT 36(Suppl. 3):51-129, 2017
Sesamum Indicum (Sesame) Seed Butter	S		IJT 36(Suppl. 3):51-129, 2017
Sesamum Indicum (Sesame) Seed Oil	S		JACT 12(3):261-277, 1993 ;IJT 30(Suppl. 1):40-53, 2011 ;IJT 36(Suppl. 3):51-129, 2017
Shea Butter Glyceride	SQ	The CIR Expert Panel concluded that the following 13 ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Shea Butter Glyceride...	Final Report 9/2017 Available from CIR
Shea Butter Glycerides	SQ	The CIR Expert Panel concluded that the following 13 ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Shea Butter Glycerides...	Final Report 9/2017 Available from CIR
Shea Butter Polyglyceryl-3 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Shea Butter Polyglyceryl-3 Esters...	Final Report 9/2016 Available from CIR
Shea Butter Polyglyceryl-4 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Shea Butter Polyglyceryl-4 Esters...	Final Report 9/2016 Available from CIR
Shea Butter Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Shea Butter Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Shea Butteramide/Castoramide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Shea Butteramide/Castoramide DEA...	IJT 32(Suppl. 1):36-58, 2013
Shea Butteramidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Shea Butteramidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Shea oleine	SQ	The CIR Expert Panel concluded that the following 13 ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-sensitizing...Shea oleine...	Final Report 9/2017 Available from CIR
Shellac	SQ	Based on the animal and clinical data included in this report, the CIR Expert Panel concludes that cosmetic grade Shellac is safe for use in cosmetic formulations at concentrations up to 6 percent. Note: In 2006, the CIR Expert Panel considered available new data on this ingredient and confirmed the above conclusion.	JACT 5(5):309-327, 1986; IJT 30(Suppl. 2):73-127, 2011
Silica	SQ	The Panel concluded that synthetically-manufactured amorphous Silica ... safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating.	Final Report 09/2019 Available from CIR
Silica Dimethyl Silylate	SQ	The CIR Expert Panel concluded that silica silylate, silica dimethyl silylate, trimethylsiloxysilicate, and trifluoropropyl dimethyl/trimethylsiloxysilicate are safe in the present practices of use and concentration described in this safety assessment when formulated and delivered in the final product not to be irritating or sensitizing to the respiratory tract.	IJT 32(Suppl. 1):5-24, 2013
Silica Silylate	SQ	The CIR Expert Panel concluded that silica silylate, silica dimethyl silylate, trimethylsiloxysilicate, and trifluoropropyl dimethyl/trimethylsiloxysilicate are safe in the present practices of use and concentration described in this safety assessment when formulated and delivered in the final product not to be irritating or sensitizing to the respiratory tract.	IJT 32(Suppl. 1):5-24, 2013
Silicone Quaternium-16/Glycidoxymethicone Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
Silk	S		IJT 39(S3):127-144,2020
Silk Amino Acids	S		IJT 33(Suppl 4):5-12, 2014
Silk Extract	S		IJT 39(S3):127-144,2020

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Silk Powder	S		IJT 39(S3):127-144,2020
Silkworm Cocoon Extract	UNS	The Panel also concluded that the available data are insufficient for determining the safety of two silk protein ingredients in cosmetic products... Silkworm Cocoon Extract.	IJT 39(S3):127-144,2020
Silver Borosilicate	S		IJT 32(Suppl. 3):65-72, 2013
Silybum Marianum Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Simmondsia Chinensis (Jojoba) Butter	S		Final Report 9/2008 Available from CIR
Simmondsia Chinensis (Jojoba) Seed Oil	S		JACT 11(1):57-74, 1992;Final Report 9/2008 Available from CIR
Simmondsia Chinensis (Jojoba) Seed Wax	S		JACT 11(1):57-74, 1992;Final Report 9/2008 Available from CIR
Sodium Acetate	S		IJT 31(Suppl. 1):112-136, 2012
Sodium Acrylate/Acrolein Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Sodium Acrylate/Acrolein Copolymer...	Final Report 12/2018 Available from CIR
Sodium Acrylate/Acryloyldimethyltaurate/Dimethylacrylamide Crosspolymer	S		Final Report 4/2017 Available from CIR
Sodium Acrylate/Sodium Acryloyldimethyl Taurate Copolymer	S		Final Report 4/2017 Available from CIR
Sodium Acrylate/Sodium Acryloyldimethyl Taurate/Acrylamide Copolymer	S		Final Report 4/2017 Available from CIR
Sodium Acrylate/Vinyl Alcohol Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Sodium Acrylate/Vinyl Alcohol Copolymer...	Final Report 12/2018 Available from CIR
Sodium Acrylates Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Sodium Acrylates Copolymer...	Final Report 12/2018 Available from CIR
Sodium Acrylates Crosspolymer-2	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Sodium Acrylates Crosspolymer-2...	Final Report 12/2018 Available from CIR
Sodium Acrylates/Acrolein Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Sodium Acrylates/Acrolein Copolymer...	IJT 21(Suppl. 3):1-50, 2002;Final Report 12/2018 Available from CIR
Sodium Acrylates/Beheneth-25 Methacrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Sodium Acrylates/Beheneth-25 Methacrylate Crosspolymer...	Final Report 12/2018 Available from CIR
Sodium Acrylates/C10-30 Alkyl Acrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Sodium Acrylates/C10-30 Alkyl Acrylate Crosspolymer...	Final Report 12/2018 Available from CIR
Sodium Acrylates/Ethylhexyl Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Sodium Acrylates/Ethylhexyl Acrylate Copolymer...	Final Report 12/2018 Available from CIR
Sodium Acrylates/Vinyl Isodecanoate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Sodium Acrylates/Vinyl Isodecanoate Crosspolymer...	Final Report 12/2018 Available from CIR
Sodium Acryloyl Dimethyl Taurate/PEG-8 Diacrylate Crosspolymer	S		Final Report 4/2017 Available from CIR
Sodium Acryloyldimethyl Taurate/Acrylamide/VP Copolymer	S		Final Report 4/2017 Available from CIR
Sodium Acryloyldimethyltaurate/Methacrylamidolauric Acid Copolymer	S		Final Report 4/2017 Available from CIR
Sodium Acryloyldimethyltaurate/VP Crosspolymer	S		Final Report 12/2018 Available from CIR
Sodium Algin Sulfate	S		Final Report 9/2015 Available from CIR
Sodium Arganate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Arganate...	Final Report 04/2019 Available from CIR
Sodium Ascorbate	S		IJT 24(Suppl. 2):51-111, 2005
Sodium Ascorbyl Phosphate	S		IJT 24(Suppl. 2):51-111, 2005
Sodium Aspartate	S		IJT 32(Suppl. 4):41-64, 2013
Sodium Astrocaryum Murumuru	S		IJT 36(Suppl. 3):51-129, 2017
Sodium Avocadoate	S		IJT 36(Suppl. 3):51-129, 2017
Sodium Babassuate	S		IJT 36(Suppl. 3):51-129, 2017
Sodium Beeswax	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Beeswax...	Final Report 04/2019 Available from CIR
Sodium Behenate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Behenate...	Final Report 04/2019 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Sodium Behenoyl Lactylate	SQ	The Panel concluded that the following alkanoyl lactyl lactate salts are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a QRA or other accepted methodologies...Sodium Behenoyl Lactylate...	Final Report 06/2019 Available from CIR
Sodium Benzoate	S		IJT 20(Suppl. 3):23-50, 2001; IJT 36(Suppl. 3):5-30, 2017
Sodium Benzotriazolyl Butylphenol Sulfonate	S		Final Report 3/2015 Available from CIR
Sodium Bicarbonate	S		JACT 6(1):121-138, 1987; IJT 25(Suppl. 2) :1-89,2006
Sodium Bisulfite	S		IJT 22(Suppl. 2):63-88, 2003
Sodium Borate	SQ	The Expert Panel concludes that Sodium Borate and Boric Acid, in concentrations less than or equal to 5 percent, are safe as cosmetic ingredients when used as currently recommended; however, cosmetic formulations containing free Sodium Borate or Boric Acid at this concentration should not be used on infant skin or injured skin. Note: In 2003, the CIR Expert Panel considered available new data on these ingredients and reaffirmed the above conclusion.	JACT 2(7):87-125, 1983; IJT 25(Suppl. 2) :1-89,2006
Sodium Bromate	SQ	Based upon the data included in this report the CIR Expert Panel concludes that Sodium Bromate and Potassium Bromate may be used in cosmetic permanent wave formulations at concentrations not to exceed 10.17%, measured as Sodium Bromate.	JACT 13(5):400-414, 1994; IJT 30(Suppl. 2):73-127, 2011
Sodium Butyl Ester of PVM/MA Copolymer	S		IJT 30(Suppl. 2):128-144, 2011
Sodium Butylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...Sodium Butylparaben...	IJT 39(S1):5-97,2020
Sodium C10-15 Pareth Sulfate	S		IJT 29(Suppl. 3) :151-161,2010
Sodium C12-13 Pareth Sulfate	S		IJT 29(Suppl. 3) :151-161,2010
Sodium C12-14 Olefin Sulfonate	SQ	Based on the available data the CIR Expert Panel concludes Sodium a-Olefin Sulfonates (of chain lengths C12-14, C14-16, C14-18 and C16-18) to be safe as used in rinse-off products and safe up to 2% in leave-on products. The concentration of the gamma sultone impurity of any formulation (leave-on or rinse-off) is limited to: unsubstituted alkane sultones =10 ppm; chlorosultones ≤ 1 ppm and unsaturated sultones ≤ 0.1 ppm.	IJT 17(SS):39-65, 1998
Sodium C12-15 Pareth Sulfate	S		IJT 29(Suppl. 3) :151-161,2010
Sodium C14-16 Olefin Sulfonate	SQ	Based on the available data the CIR Expert Panel concludes Sodium a-Olefin Sulfonates (of chain lengths C12-14, C14-16, C14-18 and C16-18) to be safe as used in rinse-off products and safe up to 2% in leave-on products. The concentration of the gamma sultone impurity of any formulation (leave-on or rinse-off) is limited to: unsubstituted alkane sultones =10 ppm; chlorosultones ≤ 1 ppm and unsaturated sultones ≤ 0.1 ppm.	IJT 17(SS):39-65, 1998
Sodium C14-18 Olefin Sulfonate	SQ	Based on the available data the CIR Expert Panel concludes Sodium a-Olefin Sulfonates (of chain lengths C12-14, C14-16, C14-18 and C16-18) to be safe as used in rinse-off products and safe up to 2% in leave-on products. The concentration of the gamma sultone impurity of any formulation (leave-on or rinse-off) is limited to: unsubstituted alkane sultones =10 ppm; chlorosultones ≤ 1 ppm and unsaturated sultones ≤ 0.1 ppm.	IJT 17(SS):39-65, 1998
Sodium C16-18 Olefin Sulfonate	SQ	Based on the available data the CIR Expert Panel concludes Sodium a-Olefin Sulfonates (of chain lengths C12-14, C14-16, C14-18 and C16-18) to be safe as used in rinse-off products and safe up to 2% in leave-on products. The concentration of the gamma sultone impurity of any formulation (leave-on or rinse-off) is limited to: unsubstituted alkane sultones =10 ppm; chlorosultones ≤ 1 ppm and unsaturated sultones ≤ 0.1 ppm.	IJT 17(SS):39-65, 1998
Sodium Camellia Japonica Seedate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Camellia Japonica Seedate...	Final Report 04/2019 Available from CIR
Sodium Caprate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Caprate...	Final Report 04/2019 Available from CIR
Sodium Caproyl Lactylate	SQ	The Panel concluded that the following alkanoyl lactyl lactate salts are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a QRA or other accepted methodologies...Sodium Caproyl Lactylate...	Final Report 06/2019 Available from CIR
Sodium Caproyl Methyltaurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sodium Caproyl Methyltaurate...	Final Report 12/2015 Available from CIR

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Ingredient	Finding†	Conclusion	Citation#
Sodium Caproyl Prolinate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Caproyl Prolinate...	IJT 36(Suppl. 1):17-56, 2017
Sodium Caproyl/Lauroyl Lactylate	SQ	The Panel concluded that the following alkanoyl lactyl lactate salts are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a QRA or other accepted methodologies...Sodium Caproyl/Lauroyl Lactylate...	Final Report 06/2019 Available from CIR
Sodium Caprylate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Caprylate...	Final Report 04/2019 Available from CIR
Sodium Capryloyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Capryloyl Glutamate...	IJT 36(Suppl. 1):17-56, 2017
Sodium Carbomer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Sodium Carbomer...	Final Report 12/2018 Available from CIR
Sodium Carbonate	S		JACT 6(1):121-138, 1987; IJT 25(Suppl. 2) :1-89,2006
Sodium Carboxymethyl Beta-Glucan	S		IJT 35(Suppl. 1):5-49, 2016
Sodium Carboxymethyl Dextran	S		IJT 35(Suppl. 1):5-49, 2016
Sodium Carboxymethyl Inulin	S		Final Report 9/2015 Available from CIR
Sodium Carboxymethyl Starch	S		Final Report 9/2015 Available from CIR
Sodium Carrageenan	S		Final Report 9/2015 Available from CIR
Sodium Caseinate	S		Final Report 9/2017 Available from CIR
Sodium Castorate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Castorate...	Final Report 04/2019 Available from CIR
Sodium Cellulose Sulfate	S		Final Report 3/2009 Available from CIR
Sodium Cetearyl Sulfate	S		IJT 29(Suppl. 2):115-132, 2010
Sodium Cetyl Sulfate	S		IJT 29(Suppl. 2):115-132, 2010
Sodium Citrate	S		IJT 33(Suppl.2):16-46, 2014
Sodium Coceth Sulfate	S		IJT 29(Suppl. 3) :151-161,2010
Sodium Coco-Sulfate	S		IJT 29(Suppl. 2):115-132, 2010
Sodium Coco/Hydrogenated Tallow Sulfate	S		IJT 29(Suppl. 2):115-132, 2010
Sodium Cocoa Butterate	S		IJT 36(Suppl. 3):51-129, 2017
Sodium Cocoamphoacetate	S		JACT 9(2):121-142, 1990; IJT 27(Suppl. 1):77-142, 2008
Sodium Cocoamphopropionate	S		JACT 9(2):121-142, 1990; IJT 27(Suppl. 1):77-142, 2008
Sodium Cocoate	S		IJT 30(Suppl. 1):5-16, 2011;IJT 36(Suppl. 3):51-129, 2017
Sodium Cocomonoglyceride Sulfate	S		IJT 30(Suppl. 1):5-16, 2011
Sodium Cocoyl Alaninate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Cocoyl Alaninate...	IJT 36(Suppl. 1):17-56, 2017
Sodium Cocoyl Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Cocoyl Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
Sodium Cocoyl Apple Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Cocoyl Apple Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
Sodium Cocoyl Barley Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Cocoyl Barley Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
Sodium Cocoyl Collagen Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Cocoyl Collagen Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
Sodium Cocoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Cocoyl Glutamate...	IJT 36(Suppl. 1):17-56, 2017
Sodium Cocoyl Glycinate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Cocoyl Glycinate...	IJT 36(Suppl. 1):17-56, 2017
Sodium Cocoyl Isethionate	SQ	The CIR Expert Panel concluded that the 12 isethionate salts listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Cocoyl Isethionate...	JACT 12(5):459-479, 1993; IJT 36(Suppl. 1):5-16, 2017
Sodium Cocoyl Lactylate	SQ	The Panel concluded that the following alkanoyl lactyl lactate salts are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a QRA or other accepted methodologies...Sodium Cocoyl Lactylate...	Final Report 06/2019 Available from CIR

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Ingredient	Finding†	Conclusion	Citation#
Sodium Cocoyl Oat Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Cocoyl Oat Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
Sodium Cocoyl Proline	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Cocoyl Proline...	IJT 36(Suppl. 1):17-56, 2017
Sodium Cocoyl Sarcosinate	SQ	The CIR Expert Panel concluded that the following ingredients are safe as used in cosmetics when formulated to be non-irritating. The Expert Panel cautions that these ingredients should not be used in cosmetic products in which N-nitroso compounds can be found...Sodium Cocoyl Sarcosinate...	IJT 20(S1):1-14, 2001;Final Report 9/2016 Available from CIR
Sodium Cocoyl Taurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sodium Cocoyl Taurate...	Final Report 12/2015 Available from CIR
Sodium Cocoyl Threoninate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Cocoyl Threoninate...	IJT 36(Suppl. 1):17-56, 2017
Sodium Cocoyl Wheat Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Cocoyl Wheat Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
Sodium Cocoyl/Hydrogenated Tallow Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Cocoyl/Hydrogenated Tallow Glutamate...	IJT 36(Suppl. 1):17-56, 2017
Sodium Cocoyl/Palmoyl/Sunfloweroyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Cocoyl/Palmoyl/Sunfloweroyl Glutamate...	IJT 36(Suppl. 1):17-56, 2017
Sodium Cumenesulfonate	SQ	Sodium Cumenesulfonate ... safe as cosmetic ingredient in the present practice of use and concentration as described in this safety assessment, when formulated to be nonirritating	IJT 30(Suppl. 3):270-283, 2011
Sodium Cupheoyl Lactylate	SQ	The Panel concluded that the following alkanoyl lactyl lactate salts are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a QRA or other accepted methodologies...Sodium Cupheoyl Lactylate...	Final Report 06/2019 Available from CIR
Sodium Deceth Sulfate	S		IJT 29(Suppl. 3) :151-161,2010
Sodium Decyl Sulfate	S		IJT 29(Suppl. 2):115-132, 2010
Sodium Decylbenzenesulfonate	SQ	Salts of alkylbenzene sulfonates, including ammonium dodecylbenzenesulfonate, calcium dodecylbenzenesulfonate, DEA-dodecylbenzenesulfonate, isopropylamine dodecylbenzenesulfonate, magnesium isodecylbenzenesulfonate, MIPA-dodecylbenzenesulfonate, potassium dodecylbenzenesulfonate, sodium decylbenzenesulfonate, SDDBS, sodium tridecylbenzenesulfonate, TEA-DDBS, and TEA-tridecylbenzenesulfonate, are safe as cosmetic ingredients in the practices of use given in this safety assessment when formulated to be nonirritating.	JACT 12(3):279-309, 1993; IJT 29(Suppl. 4):288-305, 2010
Sodium Dehydroacetate	S		JACT 4(3):123-159, 1985; IJT 27(Suppl. 1):77-142, 2008
Sodium Dextran Sulfate	S		IJT 35(Suppl. 1):5-49, 2016
Sodium Dextrin Octenylsuccinate	S		Final Report 9/2015 Available from CIR
Sodium Dilinoleate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Dilinoleate...	Final Report 04/2019 Available from CIR
Sodium Dodecylbenzenesulfonate	SQ	Salts of alkylbenzene sulfonates, including ammonium dodecylbenzenesulfonate, calcium dodecylbenzenesulfonate, DEA-dodecylbenzenesulfonate, isopropylamine dodecylbenzenesulfonate, magnesium isodecylbenzenesulfonate, MIPA-dodecylbenzenesulfonate, potassium dodecylbenzenesulfonate, sodium decylbenzenesulfonate, SDDBS, sodium tridecylbenzenesulfonate, TEA-DDBS, and TEA-tridecylbenzenesulfonate, are safe as cosmetic ingredients in the practices of use given in this safety assessment when formulated to be nonirritating.	JACT 12(3):279-309, 1993; IJT 29(Suppl. 4):288-305, 2010
Sodium Erythorbate	S		IJT 18(S3):1-26, 1999
Sodium Ethyl Ester of PVM/MA Copolymer	S		IJT 30(Suppl. 2):128-144, 2011
Sodium Ethylhexyl Sulfate	S		IJT 29(Suppl. 2):115-132, 2010
Sodium Ethylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...Sodium Ethylparaben...	IJT 39(S1):5-97,2020
Sodium Formate	SQ	The CIR Expert Panel concluded that formic acid and sodium formate are safe in the present practices of use and concentration in cosmetics, as described in this safety assessment, when formulated to be non-irritating.	IJT 35(Suppl. 2):41-54, 2016
Sodium Fumarate	S		Final Report 3/2009 Available from CIR
Sodium Gluconate	S		IJT 38(S1):5-38,2019
Sodium Glutamate	S		IJT 32(Suppl. 4):41-64, 2013
Sodium Glycinate	S		IJT 32(Suppl. 4):41-64, 2013

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Ingredient	Finding†	Conclusion	Citation#
Sodium Glycolate Sodium Grapeseedate	SQ S	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Sodium Glycolate...	IJT 17(S1):1-241, 1998; IJT 36(Suppl 2):14-58, 2017 IJT 36(Suppl. 3):51-129, 2017
Sodium Hexametaphosphate Sodium Hyaluronate Sodium Hydrogenated Cocoate	SQ S S	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Sodium Hexametaphosphate...	Final Report 9/2016 Available from CIR IJT 28(Suppl. 1):5-67, 2009 IJT 30(Suppl. 1):5-16, 2011;IJT 36(Suppl. 3):51-129, 2017
Sodium Hydrogenated Cocoyl Methyl Isethionate Sodium Hydrogenated Palmate	SQ S	The CIR Expert Panel concluded that the 12 isethionate salts listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Hydrogenated Cocoyl Methyl Isethionate...	IJT 36(Suppl. 1):5-16, 2017 IJT 36(Suppl. 3):51-129, 2017
Sodium Hydrogenated Tallowate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Hydrogenated Tallowate...	Final Report 04/2019 Available from CIR
Sodium Hydrogenated Tallowoyl Glutamate Sodium Hydrolyzed Casein Sodium Hydrolyzed Potato Starch Dodeceny Succinate	SQ S S	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Hydrogenated Tallowoyl Glutamate...	IJT 36(Suppl. 1):17-56, 2017 Final Report 9/2017 Available from CIR Final Report 9/2015 Available from CIR
Sodium Hydroxide Sodium Hydroxypropyl Oxidized Starch Succinate	SQ S	The CIR Expert Panel concluded that ... Sodium Hydroxide is safe in hair straighteners and depilatories under conditions of recommended use; users should minimize skin contact. A These ingredients are safe for all other present practices of use and concentration described in this safety assessment when formulated to be nonirritating.	Final Report 12/2015 Available from CIR Final Report 9/2015 Available from CIR
Sodium Hydroxystearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Hydroxystearate...	Final Report 04/2019 Available from CIR
Sodium Iodate	Z	The safety of this ingredient has not been documented and substantiated. The CIR Expert Panel cannot conclude whether Sodium Iodate is safe for use in cosmetic products until the appropriate safety data have been obtained and evaluated.	JACT 14(3):231-239, 1995
Sodium Isethionate	SQ	The CIR Expert Panel concluded that the 12 isethionate salts listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Isethionate...	IJT 36(Suppl. 1):5-16, 2017
Sodium Isobutylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...Sodium Isobutylparaben...	IJT 39(S1):5-97,2020
Sodium Isopropylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...Sodium Isopropylparaben...	IJT 39(S1):5-97,2020
Sodium Isostearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Isostearate...	Final Report 04/2019 Available from CIR
Sodium Isostearoyl Lactylate	SQ	The Panel concluded that the following alkanoyl lactyl lactate salts are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a QRA or other accepted methodologies...Sodium Isostearoyl Lactylate...	Final Report 06/2019 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Sodium Lactate Sodium Laneth Sulfate	SQ S	Based on the available information included in this report, the CIR Expert Panel concludes that Glycolic and Lactic Acid, their common salts and their simple esters, are safe for use in cosmetic products at concentrations less than or equal to 10%, at final formulation pH greater than or equal to 3.5, when formulated to avoid increasing sun sensitivity or when directions for use include the daily use of sun protection. These ingredients are safe for use in salon products at concentrations less than or equal to 30%, at final formulation pH greater than or equal to 3.0, in products designed for brief, discontinuous use followed by thorough rinsing from the skin, when applied by trained professionals, and when application is accompanied by directions for the daily use of sun protection...Sodium Lactate...	UT 17(S1):1-241, 1998; UT 36(Suppl 2):14-58, 2017 UT 29(Suppl. 3) :151-161,2010
Sodium Lanolate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Lanolate...	Final Report 04/2019 Available from CIR
Sodium Lardate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Lardate...	Final Report 04/2019 Available from CIR
Sodium Lauraminopropionate	Z	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Sodium Lauraminopropionate and Sodium Lauraminodipropionate for use in cosmetics.	UT 16(S1):1-9, 1997
Sodium Laurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Laurate...	Final Report 04/2019 Available from CIR
Sodium Laurate/Linoleate/Oleate/Palmitate Sodium Laureth Sulfate Sodium Lauriminodipropionate	SQ S S	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Laurate/Linoleate/Oleate/Palmitate...	Final Report 04/2019 Available from CIR UT 29(Suppl. 3) :151-161,2010; UT 24(Suppl. 1):1-102, 2005; JACT 2(5):1-34, 1983 UT 16(S1):1-9, 1997; UT 32(Suppl. 3):49-55, 2013
Sodium Lauroyl Aspartate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Lauroyl Aspartate...	UT 36(Suppl. 1):17-56, 2017
Sodium Lauroyl Collagen Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Lauroyl Collagen Amino Acids...	UT 36(Suppl. 1):17-56, 2017
Sodium Lauroyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Lauroyl Glutamate...	UT 36(Suppl. 1):17-56, 2017
Sodium Lauroyl Isethionate	SQ	The CIR Expert Panel concluded that the 12 isethionate salts listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Lauroyl Isethionate...	UT 36(Suppl. 1):5-16, 2017
Sodium Lauroyl Lactylate	SQ	The Panel concluded that the following alkanoyl lactyl lactate salts are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a QRA or other accepted methodologies...Sodium Lauroyl Lactylate...	Final Report 06/2019 Available from CIR
Sodium Lauroyl Methyl Isethionate	SQ	The CIR Expert Panel concluded that the 12 isethionate salts listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Lauroyl Methyl Isethionate...	UT 36(Suppl. 1):5-16, 2017
Sodium Lauroyl Millet Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Lauroyl Millet Amino Acids...	UT 36(Suppl. 1):17-56, 2017
Sodium Lauroyl Oat Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Lauroyl Oat Amino Acids...	UT 36(Suppl. 1):17-56, 2017
Sodium Lauroyl Sarcosinate	SQ	The CIR Expert Panel concluded that the following ingredients are safe as used in cosmetics when formulated to be non-irritating. The Expert Panel cautions that these ingredients should not be used in cosmetic products in which N-nitroso compounds can be found...Sodium Lauroyl Sarcosinate...	UT 20(S1):1-14, 2001; Final Report 9/2016 Available from CIR
Sodium Lauroyl Silk Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Lauroyl Silk Amino Acids...	UT 36(Suppl. 1):17-56, 2017
Sodium Lauroyl Taurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sodium Lauroyl Taurate...	Final Report 12/2015 Available from CIR
Sodium Lauroyl Wheat Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Lauroyl Wheat Amino Acids...	UT 36(Suppl. 1):17-56, 2017

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Ingredient	Finding†	Conclusion	Citation#
Sodium Lauroyl/Myristoyl Aspartate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Lauroyl/Myristoyl Aspartate...	IJT 36(Suppl. 1):17-56, 2017
Sodium Lauryl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Sodium Lauryl Phosphate...	IJT 38(S2):12-32,2019
Sodium Lauryl Sulfate	SQ	Sodium Lauryl Sulfate and Ammonium Lauryl Sulfate appear to be safe in formulations designed for discontinuous, brief use followed by thorough rinsing from the surface of the skin. In products intended for prolonged contact with skin, concentrations should not exceed 1%.	JACT 2(7):127-181, 1983; IJT 24(Suppl. 1):1-102, 2005
Sodium Lauryl Sulfoacetate	S		JACT 6(3):261-277, 1987; IJT 25(Suppl. 2) :1-89,2006
Sodium Linoleate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Linoleate...	Final Report 04/2019 Available from CIR
Sodium Macadamiaseedate	S		IJT 36(Suppl. 3):51-129, 2017
Sodium Magnesium Silicate	S		IJT 22(Suppl. 1):37-102, 2003
Sodium Malate	SQ	On the basis of the animal and clinical data included in this report, the CIR Expert Panel concludes that Malic Acid and Sodium Malate are safe for use as pH adjusters in cosmetic formulations. The Expert Panel determined that the data are insufficient to determine the safety of these ingredients for any other functions.	IJT 20(S1):47-55, 2001
Sodium Mangoseedate	S		IJT 36(Suppl. 3):51-129, 2017
Sodium Mannose Phosphate	I	The Panel also concluded that the available data are insufficient to make a determination that the polyol phosphates listed below are safe under the intended conditions of use in cosmetic formulations...Sodium Mannose Phosphate...	Final Report 10/2018 Available from CIR
Sodium Metabisulfite	S		IJT 22(Suppl. 2):63-88, 2003
Sodium Metaphosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Sodium Metaphosphate...	Final Report 9/2016 Available from CIR
Sodium Metasilicate	S		IJT 24(S1):103-117, 2005
Sodium Methacrylate/Styrene Copolymer	S		Final Report 9/2014 Available from CIR
Sodium Methyl Cocoyl Taurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sodium Methyl Cocoyl Taurate...	Final Report 12/2015 Available from CIR
Sodium Methyl Isethionate	SQ	The CIR Expert Panel concluded that the 12 isethionate salts listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Methyl Isethionate...	IJT 36(Suppl. 1):5-16, 2017
Sodium Methyl Lauroyl Taurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sodium Methyl Lauroyl Taurate...	Final Report 12/2015 Available from CIR
Sodium Methyl Myristoyl Taurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sodium Methyl Myristoyl Taurate...	Final Report 12/2015 Available from CIR
Sodium Methyl Oleoyl Taurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sodium Methyl Oleoyl Taurate...	Final Report 12/2015 Available from CIR
Sodium Methyl Palmitoyl Taurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sodium Methyl Palmitoyl Taurate...	Final Report 12/2015 Available from CIR
Sodium Methyl Stearoyl Taurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sodium Methyl Stearoyl Taurate...	Final Report 12/2015 Available from CIR
Sodium Methylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8 %...Sodium Methylparaben...	IJT 39(S1):5-97,2020
Sodium Methyltaurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sodium Methyltaurate...	Final Report 12/2015 Available from CIR
Sodium Methyltaurate Isopalmitamide	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sodium Methyltaurate Isopalmitamide...	Final Report 12/2015 Available from CIR
Sodium Methyltaurine Cocoyl Methyltaurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sodium Methyltaurine Cocoyl Methyltaurate...	Final Report 12/2015 Available from CIR
Sodium Myreth Sulfate	S		IJT 29(Suppl. 3) :151-161,2010;JACT 11(1):157-163, 1992
Sodium Myristate	S		IJT 29(Suppl. 3):162-186,2010

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Ingredient	Finding†	Conclusion	Citation#
Sodium Myristoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Myristoyl Glutamate...	IJT 36(Suppl. 1):17-56, 2017
Sodium Myristoyl Isethionate	SQ	The CIR Expert Panel concluded that the 12 isethionate salts listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Myristoyl Isethionate...	IJT 36(Suppl. 1):5-16, 2017
Sodium Myristoyl Sarcosinate	SQ	The CIR Expert Panel concluded that the following ingredients are safe as used in cosmetics when formulated to be non-irritating. The Expert Panel cautions that these ingredients should not be used in cosmetic products in which N-nitroso compounds can be found...Sodium Myristoyl Sarcosinate...	IJT 20(S1):1-14, 2001;Final Report 9/2016 Available from CIR
Sodium Myristyl Sulfate	S		IJT 29(Suppl. 2):115-132, 2010
Sodium N-Isostearyl Methyltaurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sodium N-Isostearyl Methyltaurate...	Final Report 12/2015 Available from CIR
Sodium Naphthalenesulfonate	SQ	On the basis of the available data, the CIR Panel concludes that Sodium Polynaphthalenesulfonate and Sodium Naphthalenesulfonate are safe as used in cosmetic formulations intended to be applied to the skin. The available data, however, are insufficient to support the safety for use in cosmetic products which may contact mucous membranes or be ingested.	Final Report 3/1999 Available from CIR;IJT 22(Suppl. 2):37-44, 2003
Sodium Octoxynol-2 Ethane Sulfonate	SQ	The Panel also concluded that ... Sodium Octoxynol-2 Ethane Sulfonate is safe as used in rinse-off cosmetic products and safe at concentrations of 5% in leave-on cosmetic products.	IJT 23(Suppl. 1):59-111, 2004
Sodium Octoxynol-2 Sulfate	SQ	The Panel also concluded that ... Sodium Octoxynol-2 Sulfate is safe as used in rinse-off cosmetic products and safe at concentrations of 5% in leave-on cosmetic products.	IJT 23(Suppl. 1):59-111, 2004
Sodium Octoxynol-6 Sulfate	SQ	The Panel also concluded that Sodium Octoxynol-6 Sulfate is safe as used in rinse-off cosmetic products and safe at concentrations of 5% in leave-on cosmetic products.	IJT 23(Suppl. 1):59-111, 2004
Sodium Octoxynol-9 Sulfate	S		IJT 23(Suppl. 1):59-111, 2004
Sodium Oleate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Oleate...	Final Report 04/2019 Available from CIR
Sodium Oleoyl Isethionate	SQ	The CIR Expert Panel concluded that the 12 isethionate salts listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Oleoyl Isethionate...	IJT 36(Suppl. 1):5-16, 2017
Sodium Oleoyl Lactylate	SQ	The Panel concluded that the following alkanoyl lactyl lactate salts are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a QRA or other accepted methodologies...Sodium Oleoyl Lactylate...	Final Report 06/2019 Available from CIR
Sodium Oleoyl Sarcosinate	SQ	The CIR Expert Panel concluded that the following ingredients are safe as used in cosmetics when formulated to be non-irritating. The Expert Panel cautions that these ingredients should not be used in cosmetic products in which N-nitroso compounds can be found...Sodium Oleoyl Sarcosinate...	Final Report 9/2016 Available from CIR
Sodium Oleth Sulfate	S		IJT 29(Suppl. 3) :151-161,2010
Sodium Oleyl Methyl Isethionate	SQ	The CIR Expert Panel concluded that the 12 isethionate salts listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Oleyl Methyl Isethionate...	IJT 36(Suppl. 1):5-16, 2017
Sodium Oleyl Sulfate	S		IJT 29(Suppl. 2):115-132, 2010
Sodium Oliviate	S		IJT 36(Suppl. 3):51-129, 2017
Sodium Olivoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Olivoyl Glutamate...	IJT 36(Suppl. 1):17-56, 2017
Sodium Oxidized Starch Acetate/Succinate	S		Final Report 9/2015 Available from CIR
Sodium PCA	SQ	The CIR Expert Panel concluded that PCA (i.e., 2-pyrrolidone-5-carboxylic acid), calcium PCA, magnesium PCA, potassium PCA, and sodium PCA are safe in cosmetics in the present practices of use and concentration described in this safety assessment. PCA and its salts should not be used in cosmetic products in which N-nitroso compounds can be formed.	IJT 18(S2):25-34, 1999;IJT 38(S2):5-11,2019
Sodium PEG-50 Hydrogenated Castor Oil Succinate	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Sodium PEG-50 Hydrogenated Castor Oil Succinate...	IJT 33(Suppl 4):13-39, 2014
Sodium Palm Kernelate	S		IJT 36(Suppl. 3):51-129, 2017
Sodium Palm Kerneloyl Isethionate	SQ	The CIR Expert Panel concluded that the 12 isethionate salts listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Palm Kerneloyl Isethionate...	IJT 36(Suppl. 1):5-16, 2017
Sodium Palmate	S		IJT 36(Suppl. 3):51-129, 2017

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Ingredient	Finding†	Conclusion	Citation‡
Sodium Palmitate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Palmitate...	Final Report 04/2019 Available from CIR
Sodium Palmitoyl Proline	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Palmitoyl Proline...	UT 36(Suppl. 1):17-56, 2017
Sodium Palmitoyl Sarcosinate	SQ	The CIR Expert Panel concluded that the following ingredients are safe as used in cosmetics when formulated to be non-irritating. The Expert Panel cautions that these ingredients should not be used in cosmetic products in which N-nitroso compounds can be found...Sodium Palmitoyl Sarcosinate...	Final Report 9/2016 Available from CIR
Sodium Palmoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Palmoyl Glutamate...	UT 36(Suppl. 1):17-56, 2017
Sodium Pantothenate	S		Final Report 12/2017 Available from CIR
Sodium Paraben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8%...Sodium Paraben...	UT 39(S1):5-97,2020
Sodium Peanutate	S		UT 36(Suppl. 3):51-129, 2017
Sodium Pentetate	S		UT 27(Suppl. 2):71-92, 2008
Sodium Persulfate	SQ; I	The CIR Expert Panel concluded that Ammonium, Potassium, and Sodium Persulfate are safe as used as oxidizing agents in hair colorants and hair lighteners designed for brief discontinuous use followed by thorough rinsing from the hair and skin. The Panel also concluded that the available data are insufficient for determining the safety of these persulfates in leave-on products and dentifrices.	UT 20(suppl 3):7-21, 2001;Final Report 12/2017 Available from CIR
Sodium Phosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Sodium Phosphate...	Final Report 9/2016 Available from CIR
Sodium Phytate	S		Final Report 10/2018 Available from CIR
Sodium Picramate	S		JACT 11(4):447-464, 1992; UT 28(Suppl. 3):205-216, 2009
Sodium Polyacrylate	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Sodium Polyacrylate...	Final Report 12/2018 Available from CIR
Sodium Polyacryloyldimethyl Taurate	S		Final Report 4/2017 Available from CIR
Sodium Polymethacrylate	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Sodium Polymethacrylate...	Final Report 12/2018 Available from CIR
Sodium Polynaphthalenesulfonate	SQ	On the basis of the available data, the CIR Panel concludes that Sodium Polynaphthalenesulfonate and Sodium Naphthalenesulfonate are safe as used in cosmetic formulations intended to be applied to the skin. The available data, however, are insufficient to support the safety for use in cosmetic products which may contact mucous membranes or be ingested.	Final Report 3/1999 Available from CIR;UT 22(Suppl. 2):37-44, 2003
Sodium Polyphosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Sodium Polyphosphate...	Final Report 9/2016 Available from CIR
Sodium Potassium Aluminum Silicate	S		Final Report 9/2009 Available from CIR
Sodium Propylparaben	SQ	The CIR Expert Panel concluded that the following 20 parabens are safe in cosmetics in the present practices of use and concentration described in the safety assessment when the sum of the combined concentration of parabens in any given formulation does not exceed 0.8%...Sodium Propylparaben...	UT 39(S1):5-97,2020
Sodium Rapeseedate	S		UT 36(Suppl. 3):51-129, 2017
Sodium Ricinoleate	S		UT 26(Suppl. 3):31-77, 2007
Sodium Safflowerate	S		UT 36(Suppl. 3):51-129, 2017
Sodium Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...Sodium Salicylate...	Final Report 04/2019 Available from CIR
Sodium Sesameseedate	S		UT 30(Suppl. 1):40-53, 2011;UT 36(Suppl. 3):51-129, 2017
Sodium Sesquicarbonate	S		JACT 6(1):121-138, 1987; UT 25(Suppl. 2) :1-89,2006
Sodium Silicate	S		UT 24(S1):103-117, 2005
Sodium Soyate	S		UT 36(Suppl. 3):51-129, 2017
Sodium Starch Octenylsuccinate	S		Final Report 9/2015 Available from CIR
Sodium Stearate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Stearate...	Final Report 04/2019 Available from CIR

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Ingredient	Finding†	Conclusion	Citation#
Sodium Stearoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Stearoyl Glutamate...	IJT 36(Suppl. 1):17-56, 2017
Sodium Stearoyl Lactylate	SQ	The Panel concluded that the following alkanoyl lactyl lactate salts are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a QRA or other accepted methodologies...Sodium Stearoyl Lactylate...	Final Report 06/2019 Available from CIR
Sodium Stearoyl Methyl Isethionate	SQ	The CIR Expert Panel concluded that the 12 Isethionate salts listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Stearoyl Methyl Isethionate...	IJT 36(Suppl. 1):5-16, 2017
Sodium Stearyl Fumarate	S		Final Report 3/2009 Available from CIR
Sodium Stearyl Sulfate	S		IJT 29(Suppl. 2):115-132, 2010
Sodium Styrene/Acrylates Copolymer	S		Final Report 9/2014 Available from CIR
Sodium Styrene/Acrylates/Ethylhexyl Acrylate/Lauryl Acrylate Copolymer	S		Final Report 9/2014 Available from CIR
Sodium Succinate	S		IJT 31(Suppl 1):5-76, 2012
Sodium Sulfate	SQ	The CIR Expert Panel concluded that Sodium Sulfate is safe in cosmetics in the present practices of use and concentrations described in this safety assessment when formulated to be non-irritating.	IJT 19(S1):77-87, 2000;Final Report 6/2016 Available from CIR
Sodium Sulfite	S		IJT 22(Suppl. 2):63-88, 2003
Sodium Sweet Almondate	S		IJT 36(Suppl. 3):51-129, 2017
Sodium Tallate	S		IJT 28(Suppl. 3):252-258, 2009
Sodium Tallow Sulfate	S		IJT 29(Suppl. 2):115-132, 2010
Sodium Tallowate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Tallowate...	Final Report 04/2019 Available from CIR
Sodium Tamanuseedate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Tamanuseedate...	Final Report 04/2019 Available from CIR
Sodium Taurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sodium Taurate...	Final Report 12/2015 Available from CIR
Sodium Taurine Cocoyl Methyltaurate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Sodium Taurine Cocoyl Methyltaurate...	Final Report 12/2015 Available from CIR
Sodium Theobroma Grandiflorum Seedate	S		IJT 36(Suppl. 3):51-129, 2017
Sodium Thioglycolate	SQ	Based on the available data, the CIR Expert Panel concluded that ... Sodium Thioglycolate is safe for use in hair straighteners, permanent waves, tonics, dressings, and so forth, wave sets, other non-coloring hair products, and hair dyes and colors, as described in this safety assessment, at concentrations up to 1.2% (as Thioglycolic Acid). Hairdressers should avoid skin contact and minimize consumer skin exposure. Sodium Thioglycolate in depilatories is safe when formulated to be non-irritating under conditions of recommended use.	IJT 28(Suppl. 1):68-133, 2009
Sodium Tocopheryl Phosphate	S		Final Report 3/2014 Available from CIR
Sodium Toluenesulfonate	SQ	Sodium Toluenesulfonate ... safe as cosmetic ingredient in the present practice of use and concentration as described in this safety assessment, when formulated to be nonirritating	IJT 30(Suppl. 3):270-283, 2011
Sodium Trideceth Sulfate	S		IJT 29(Suppl. 3) :151-161,2010
Sodium Tridecyl Sulfate	S		IJT 29(Suppl. 2):115-132, 2010
Sodium Tridecylbenzenesulfonate	SQ	Salts of alkylbenzene sulfonates, including ammonium dodecylbenzenesulfonate, calcium dodecylbenzenesulfonate, DEA-dodecylbenzenesulfonate, isopropylamine dodecylbenzenesulfonate, magnesium isodecylbenzenesulfonate, MIPA-dodecylbenzenesulfonate, potassium dodecylbenzenesulfonate, sodium decylbenzenesulfonate, SDDBS, sodium tridecylbenzenesulfonate, TEA-DDBS, and TEA-tridecylbenzenesulfonate, are safe as cosmetic ingredients in the practices of use given in this safety assessment when formulated to be nonirritating.	IJT 29(Suppl. 4):288-305, 2010
Sodium Trimetaphosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Sodium Trimetaphosphate...	Final Report 9/2016 Available from CIR
Sodium Undecylenate	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Sodium Undecylenate...	Final Report 04/2019 Available from CIR
Sodium Undecylenoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium Undecylenoyl Glutamate...	IJT 36(Suppl. 1):17-56, 2017

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Sodium Xylenesulfonate	SQ	Sodium Xylenesulfonate ... safe as cosmetic ingredient in the present practice of use and concentration as described in this safety assessment, when formulated to be nonirritating	IJT 30(Suppl. 3):270-283, 2011
Sodium m-Nitrobenzenesulfonate	Z	The CIR Expert Panel concludes that the data available on Sodium m-Nitrobenzenesulfonate are insufficient to support the safety of this ingredient as used in cosmetic products.	JACT 15(4):337-347, 1996
Sodium p-Chloro-m-Cresol	SQ	The CIR Expert panel concludes Sodium p-Chloro-m-Cresol, p-Chloro-m-Cresol, Chlorothymol, m-Cresol, o-Cresol, Isopropyl Cresols, Thymol, o-Cymen-5-ol, Cavacrol are safe at concentrations up to 0.5% in cosmetics; however, the available data are insufficient to support the safety of p-Cresol and Mixed Cresols for use in cosmetic products.	IJT 25(Suppl. 1):29-127, 2006
Sodium/TEA C12-13 Pareth-3 Sulfate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Sodium/TEA C12-13 Pareth-3 Sulfate...	IJT 32(Suppl. 1):59-83, 2013
Sodium/TEA-Lauroyl Collagen Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium/TEA-Lauroyl Collagen Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
Sodium/TEA-Lauroyl Keratin Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium/TEA-Lauroyl Keratin Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
Sodium/TEA-Undecylenoyl Alginate	S		Final Report 9/2015 Available from CIR
Sodium/TEA-Undecylenoyl Carrageenan	S		Final Report 9/2015 Available from CIR
Sodium/TEA-Undecylenoyl Collagen Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Sodium/TEA-Undecylenoyl Collagen Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
Solanum Lycopersicum (Tomato) Fruit Oil	S		IJT 36(Suppl. 3):51-129, 2017
Solanum Lycopersicum (Tomato) Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Solanum Tuberosum (Potato) Starch	S		Final Report 9/2015 Available from CIR
Soluble Collagen	S		Final Report 9/2017 Available from CIR
Soluble Elastin	S		Final Report 9/2017 Available from CIR
Soluble Keratin	S		Final Report 6/2016 Available from CIR
Sorbeth-12 Hexacocoate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Sorbeth-12 Hexacocoate...	Final Report 6/2015 Available from CIR
Sorbeth-150 Hexastearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Sorbeth-150 Hexastearate...	Final Report 6/2015 Available from CIR
Sorbeth-160 Tristearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Sorbeth-160 Tristearate...	Final Report 6/2015 Available from CIR
Sorbeth-2 Beeswax	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Sorbeth-2 Beeswax...	Final Report 6/2015 Available from CIR
Sorbeth-2 Cocoate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Sorbeth-2 Cocoate...	Final Report 6/2015 Available from CIR
Sorbeth-2 Hexacaprylate/Caprate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Sorbeth-2 Hexacaprylate/Caprate...	Final Report 6/2015 Available from CIR
Sorbeth-2 Hexaostearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Sorbeth-2 Hexaostearate...	Final Report 6/2015 Available from CIR
Sorbeth-2 Hexalaurate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Sorbeth-2 Hexalaurate...	Final Report 6/2015 Available from CIR
Sorbeth-2 Hexaoleate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Sorbeth-2 Hexaoleate...	Final Report 6/2015 Available from CIR
Sorbeth-2/Oleate/Dimer Dilinoleate Crosspolymer	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Sorbeth-2/Oleate/Dimer Dilinoleate Crosspolymer...	Final Report 6/2015 Available from CIR

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Sorbeth-6 Hexastearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Sorbeth-6 Hexastearate...	Final Report 6/2015 Available from CIR
Sorbeth-6 Laurate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Sorbeth-6 Laurate...	Final Report 6/2015 Available from CIR
Sorbeth-6 Tetraoleate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Sorbeth-6 Tetraoleate...	Final Report 6/2015 Available from CIR
Sorbeth-60 Tetraoleate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Sorbeth-60 Tetraoleate...	Final Report 6/2015 Available from CIR
Sorbeth-60 Tetrastearate	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Sorbeth-60 Tetrastearate...	IJT 19(S2):43-89, 2000;Final Report 6/2015 Available from CIR
Sorbeth-8 Beeswax	SQ	The CIR Expert Panel concluded that the polysorbates listed below are safe in cosmetics when formulated to be nonirritating. This conclusion supersedes the conclusion reached in the 1984, 2000, and 2001 CIR safety assessments...Sorbeth-8 Beeswax...	IJT 20(suppl 4):27-38, 2001;Final Report 6/2015 Available from CIR
Sorbic Acid	S		JACT 7(6):837-880, 1988; IJT 27(Suppl. 1):77-142, 2008
Sorbitan Caprylate	S		IJT 21(Suppl 1):93-112, 2002;IJT 38(S2):60-80,2019
Sorbitan Cocoate	S		IJT 21(Suppl 1):93-112, 2002;IJT 38(S2):60-80,2019
Sorbitan Disostearate	S		IJT 21(Suppl 1):93-112, 2002;IJT 38(S2):60-80,2019
Sorbitan Dioleate	S		IJT 21(Suppl 1):93-112, 2002;IJT 38(S2):60-80,2019
Sorbitan Distearate	S		IJT 21(Suppl 1):93-112, 2002;IJT 38(S2):60-80,2019
Sorbitan Isostearate	S		IJT 21(Suppl 1):93-112, 2002;IJT 38(S2):60-80,2019
Sorbitan Laurate	S		JACT 4(3):65-121, 1985;IJT 38(S2):60-80,2019
Sorbitan Oleate	S		JACT 4(3):65-121, 1985;IJT 38(S2):60-80,2019
Sorbitan Olivat	S		IJT 21(Suppl 1):93-112, 2002;IJT 38(S2):60-80,2019
Sorbitan Palmate	S		IJT 38(S2):60-80,2019
Sorbitan Palmitate	S		JACT 4(3):65-121, 1985;IJT 38(S2):60-80,2019
Sorbitan Sesquicaprylate	S		IJT 38(S2):60-80,2019
Sorbitan Sesquiosostearate	S		IJT 21(Suppl 1):93-112, 2002;IJT 38(S2):60-80,2019
Sorbitan Sesquioleate	S		JACT 4(3):65-121, 1985;IJT 38(S2):60-80,2019
Sorbitan Sesquisteareate	S		IJT 21(Suppl 1):93-112, 2002;IJT 38(S2):60-80,2019
Sorbitan Stearate	S		JACT 4(3):65-121, 1985;IJT 38(S2):60-80,2019
Sorbitan Triisostearate	S		IJT 21(Suppl 1):93-112, 2002;IJT 38(S2):60-80,2019
Sorbitan Trioleate	S		JACT 4(3):65-121, 1985;IJT 38(S2):60-80,2019
Sorbitan Tristearate	S		JACT 4(3):65-121, 1985;IJT 38(S2):60-80,2019
Sorbitan Undecylenate	S		IJT 38(S2):60-80,2019
Sorbitol	S		Final Report 12/2019 Available from CIR
Soy Acid	S		IJT 36(Suppl. 3):51-129, 2017
Soy Amino Acids	S		IJT 33(Suppl 4):5-12, 2014
Soy Sterol Acetate	S		Final Report 12/2013 Available from CIR
Soyamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Soyamide DEA...	IJT 32(Suppl. 1):36-58, 2013
Soyamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Soyamidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Soyamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Soyamidopropyl Dimethylamine...	IJT 38(S1):39-69,2019
Soybean Oil PEG-20 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Soybean Oil PEG-20 Esters...	IJT 33(Suppl 4):13-39, 2014
Soybean Oil PEG-36 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Soybean Oil PEG-36 Esters...	IJT 33(Suppl 4):13-39, 2014
Soybean Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Soybean Oil PEG-8 Esters...	IJT 33(Suppl 4):13-39, 2014
Soybean Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Soybean Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR

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Soybean Oil Propylene Glycol Esters	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in this safety assessment in cosmetics when formulated to be non-irritating...Soybean Oil Propylene Glycol Esters...	Final Report 12/2014 Available from CIR
Soytrimonium Chloride	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Soytrimonium Chloride...	IJT 31(Suppl. 3):296-341, 2012
Sphacelaria Scoparia Extract	S		Final Report 09/2019 Available from CIR
Spirulina Amino Acids	S		IJT 33(Suppl 4):5-12, 2014
Squalane	S		Final Report 06/2019 Available from CIR
Squalene	S		Final Report 06/2019 Available from CIR
Starch Acetate	S		Final Report 9/2015 Available from CIR
Starch Acetate/Adipate	S		Final Report 9/2015 Available from CIR
Starch Diethylaminoethyl Ether	S		Final Report 9/2015 Available from CIR
Starch Hydroxypropyltrimonium Chloride	S		Final Report 9/2015 Available from CIR
Starch Laurate	S		Final Report 9/2015 Available from CIR
Starch Talloilate	S		Final Report 9/2015 Available from CIR
Steapyrium Chloride	S		JACT 10(1):87-97, 1991; IJT 30(Suppl. 2):73-127, 2011
Stearalkonium Bentonite	SQ	The CIR Expert Panel concluded that the alkonium clay ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Stearalkonium Bentonite...	Final Report 4/2016 Available from CIR
Stearalkonium Chloride	S		JACT 1(2):57-69, 1982; IJT 22(Suppl. 1):1-35, 2003
Stearalkonium Hectorite	S		IJT 19(52):91-98, 2000; IJT 32(Suppl. 4):33-40, 2013
Stearamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	Final Report 8/1995 Available from CIR; IJT 32(Suppl. 1):36-58, 2013
Stearamide DIBA-Stearate	Z	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Stearamide DIBA-Stearate as used in cosmetic products.	IJT 20(suppl 3):91-97, 2001
Stearamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Stearamide MEA	Final Report 8/1995 Available from CIR; IJT 34(Suppl.1):18-34, 2015
Stearamide MIPA	SQ	The CIR Expert Panel concluded that the 14 alkyl amide MIPA ingredients listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Stearamide MIPA...	Final Report 12/2019 Available from CIR
Stearamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Stearamidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Stearamidopropyl Dimethicone	S		IJT 22(Suppl. 2):11-35, 2003
Stearamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Stearamidopropyl Dimethylamine...	IJT 38(51):39-69,2019
Stearamine	I	The safety of Lauramine and Stearamine has not been documented and substantiated. The CIR Expert Panel cannot conclude whether these ingredients are safe for use in cosmetic products until the appropriate safety data have been obtained and evaluated.	JACT 14(3):196-203, 1995
Stearamine Oxide	SQ	On the basis of the available animal and clinical data presented in this report, the CIR Expert Panel concludes that Lauramine Oxide and Stearamine Oxide are safe as cosmetic ingredients for "rinse-off" products under present conditions of use. For use in "leave-on" products, the Expert Panel concludes that Lauramine Oxide should be limited to 3.7% and Stearamine Oxide to 5%.	JACT 13(3):231-245, 1994; IJT 30(Suppl. 2):73-127, 2011
Steareth-1	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-1...	IJT 31(Suppl. 2):169-244, 2012
Steareth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-10...	JACT 7(6):881-910, 1988;IJT 27(Suppl. 1):77-142, 2008;IJT 31(Suppl. 2):169-244, 2012
Steareth-10 Allyl Ether/Acrylates Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Steareth-10 Allyl Ether/Acrylates Copolymer...	Final Report 12/2018 Available from CIR

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Steareth-30	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-30...	IJT 31(Suppl. 2):169-244, 2012
Steareth-4	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-4...	JACT 7(6):881-910, 1988;IJT 27(Suppl. 1):77-142, 2008;IJT 31(Suppl. 2):169-244, 2012
Steareth-40	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-40...	IJT 31(Suppl. 2):169-244, 2012
Steareth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-5...	IJT 31(Suppl. 2):169-244, 2012
Steareth-50	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-50...	IJT 31(Suppl. 2):169-244, 2012
Steareth-6	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-6...	JACT 7(6):881-910, 1988;IJT 27(Suppl. 1):77-142, 2008;IJT 31(Suppl. 2):169-244, 2012
Steareth-60 Cetyl Ether	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-60 Cetyl Ether...	IJT 31(Suppl. 2):169-244, 2012
Steareth-7	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-7...	JACT 7(6):881-910, 1988;IJT 27(Suppl. 1):77-142, 2008;IJT 31(Suppl. 2):169-244, 2012
Steareth-8	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-8...	IJT 31(Suppl. 2):169-244, 2012
Steareth-80	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Steareth-80...	IJT 31(Suppl. 2):169-244, 2012
Stearic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Stearic Acid...	Final Report 04/2019 Available from CIR
Stearic Hydrzide	Z	The safety of Stearic Hydrzide has not been documented and substantiated. The CIR Expert Panel cannot conclude that this ingredient is safe for use in cosmetic products until the appropriate safety data have been obtained and evaluated.	JACT 10(1):99-101, 1991
Stearoxy Dimethicone	S		IJT 22(Suppl. 2):11-35, 2003;Final Report 12/2014 Available from CIR
Stearoxymethicone/Dimethicone Copolymer	S		Final Report 12/2014 Available from CIR
Stearoxypropyltrimonium Chloride	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Stearoxypropyltrimonium Chloride...	IJT 31(Suppl. 3):296-341, 2012
Stearoxytrimethylsilane	S		Final Report 12/2016 Available from CIR
Stearoyl Ethyltrimonium Methosulfate	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Stearoyl Ethyltrimonium Methosulfate...	IJT 31(Suppl. 3):296-341, 2012
Stearoyl Glutamic Acid	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Stearoyl Glutamic Acid...	IJT 36(Suppl. 1):17-56, 2017
Stearoyl Inulin	S		Final Report 9/2015 Available from CIR

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Stearoyl Leucine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Stearoyl Leucine...	UT 36(Suppl. 1):17-56, 2017
Stearoyl Sarcosine	SQ	The CIR Expert Panel concluded that the following ingredients are safe as used in cosmetics when formulated to be non-irritating. The Expert Panel cautions that these ingredients should not be used in cosmetic products in which N-nitroso compounds can be found...Stearoyl Sarcosine...	UT 20(S1):1-14, 2001;Final Report 9/2016 Available from CIR
Steartrimonium Bromide	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Steartrimonium Bromide...	UT 31(Suppl. 3):296-341, 2012
Steartrimonium Chloride	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Steartrimonium Chloride...	UT 16(S3):195-220, 1997; UT 31(Suppl. 3):296-341, 2012
Steartrimonium Methosulfate	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Steartrimonium Methosulfate...	UT 31(Suppl. 3):296-341, 2012
Stearyl Acetate	S		UT 31(Suppl. 1):112-136, 2012
Stearyl Alcohol	S		JACT 4(5):1-29, 1985; UT 25(Suppl. 2) :1-89,2006
Stearyl Beeswax	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Stearyl Behenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 31(Suppl. 2):141-146, 2012; UT 34(Suppl.2):5-69, 2015
Stearyl Benzoate	S		UT 31(Suppl.3):342-372, 2012
Stearyl Betaine	SQ	The CIR Expert Panel concluded that the eleven alkyl betaines listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Stearyl Betaine...	Final Report 3/2014 Available from CIR
Stearyl Caprylate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 31(Suppl. 2):141-146, 2012; UT 34(Suppl.2):5-69, 2015
Stearyl Citrate	S		UT 33(Suppl.2):16-46, 2014
Stearyl Dimethicone	S		UT 22(Suppl. 2):11-35, 2003
Stearyl Erucate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Stearyl Ethylhexanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Stearyl Ethylhexanoate...	UT 34(Suppl.3):61-73, 2015
Stearyl Glycol	S		UT 31(Suppl. 2):147-168, 2012
Stearyl Glycerylacetate	S		UT 26(Suppl. 2):79-112, 2007
Stearyl HDI/PEG-50 Copolymer	S		Final Report 06/2016 available from CIR
Stearyl Heptanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	JACT 14(6):498-510, 1995; UT 31(Suppl. 2):141-146, 2012; UT 34(Suppl.2):5-69, 2015
Stearyl Linoleate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Stearyl Methacrylate/Perfluorooctylethyl Methacrylate Copolymer	Z	The CIR Expert Panel concluded that the following two fluoropolymers are safe in cosmetics in the present practices of use and concentration described in this safety assessment.Fluoropolymers PTFE Hexafluoropropylene/Tetrafluoroethylene Copolymer*.	Final Report 10/2018 available from CIR
Stearyl Methicone	S		UT 22(Suppl. 2):11-35, 2003
Stearyl Oliviate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 31(Suppl. 2):141-146, 2012; UT 34(Suppl.2):5-69, 2015
Stearyl Palmitate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 31(Suppl. 2):141-146, 2012; UT 34(Suppl.2):5-69, 2015
Stearyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Stearyl Phosphate...	UT 38(S2):12-32,2019
Stearyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 31(Suppl. 2):141-146, 2012; UT 34(Suppl.2):5-69, 2015
Stearyl/Lauryl Methacrylate Crosspolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Stearyl/Lauryl Methacrylate Crosspolymer...	UT 36(Suppl 2):59-88, 2017; Final Report 12/2018 Available from CIR
Sterculia Urens Gum	S		Final Report 9/2015 Available from CIR
Styrene/Acrylates Copolymer	S		Final Report 9/2014 Available from CIR

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		The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating..Styrene/Acrylates/Ammonium Methacrylate Copolymer...	
Styrene/Acrylates/Ammonium Methacrylate Copolymer	SQ		Final Report 12/2018 Available from CIR
Styrene/Acrylates/Dimethicone Acrylate Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
Styrene/Acrylates/Ethylhexyl Acrylate/Lauryl Acrylate Copolymer	S		Final Report 9/2014 Available from CIR
Styrene/Butadiene Copolymer	S		Final Report 9/2014 Available from CIR
Styrene/Isoprene Copolymer	S		Final Report 9/2014 Available from CIR
Styrene/Methylstyrene Copolymer	S		Final Report 9/2014 Available from CIR
Styrene/Stearyl Methacrylate Crosspolymer	S		Final Report 9/2014 Available from CIR
Styrene/VA Copolymer	S		Final Report 9/2014 Available from CIR
Styrene/VP Copolymer	S		Final Report 12/2018 Available from CIR
Succinic Acid	S		IJT 31(Suppl 1):5-76, 2012
Sucralose	S		IJT 38(S1):5-38,2019
Sucrose	S		IJT 38(S1):5-38,2019
Sucrose Acetate Isobutyrate	S		Final Report 12/2016 Available from CIR
Sucrose Acetate/Stearate	S		Final Report 12/2016 Available from CIR
Sucrose Benzoate	S		Final Report 12/2016 Available from CIR
Sucrose Cocoate	S		Final Report 12/2016 Available from CIR
Sucrose Dilaurate	S		Final Report 12/2016 Available from CIR
Sucrose Dipalmitate	S		Final Report 12/2016 Available from CIR
Sucrose Distearate	S		Final Report 12/2016 Available from CIR
Sucrose Hexaerucate	S		Final Report 12/2016 Available from CIR
Sucrose Hexaoleate/Hexapalmitate/Hexastearate	S		Final Report 12/2016 Available from CIR
Sucrose Hexapalmitate	S		Final Report 12/2016 Available from CIR
Sucrose Laurate	S		Final Report 12/2016 Available from CIR
Sucrose Myristate	S		Final Report 12/2016 Available from CIR
Sucrose Octaacetate	S		Final Report 12/2016 Available from CIR
Sucrose Oleate	S		Final Report 12/2016 Available from CIR
Sucrose Palmitate	S		Final Report 12/2016 Available from CIR
Sucrose Palmitate/Stearate	S		Final Report 12/2016 Available from CIR
Sucrose Pentaerucate	S		Final Report 12/2016 Available from CIR
Sucrose Pentahydroxystearate	S		Final Report 12/2016 Available from CIR
Sucrose Polybehenate	S		Final Report 12/2016 Available from CIR
Sucrose Polycottonseedate	S		Final Report 12/2016 Available from CIR
Sucrose Polyaurate	S		Final Report 12/2016 Available from CIR
Sucrose Polylinoleate	S		Final Report 12/2016 Available from CIR
Sucrose Polyoleate	S		Final Report 12/2016 Available from CIR
Sucrose Polysoyate	S		Final Report 12/2016 Available from CIR
Sucrose Polystearate	S		Final Report 12/2016 Available from CIR
Sucrose Stearate	S		Final Report 12/2016 Available from CIR
Sucrose Tetrahydroxystearate	S		Final Report 12/2016 Available from CIR
Sucrose Tetraisostearate	S		Final Report 12/2016 Available from CIR
Sucrose Tetrastearate Triacetate	S		Final Report 12/2016 Available from CIR
Sucrose Tribehenate	S		Final Report 12/2016 Available from CIR
Sucrose Trilaurate	S		Final Report 12/2016 Available from CIR
Sucrose Tristearate	S		Final Report 12/2016 Available from CIR
Sulfonated Keratin	S		Final Report 6/2016 Available from CIR
Sunflower Seed Acid	S		IJT 36(Suppl. 3):51-129, 2017
		The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Sunflower Seed Oil PEG-32 Esters...	
Sunflower Seed Oil PEG-32 Esters	SQ		IJT 33(Suppl 4):13-39, 2014
		The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Sunflower Seed Oil PEG-8 Esters...	
Sunflower Seed Oil PEG-8 Esters	SQ		IJT 33(Suppl 4):13-39, 2014
		The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Sunflower Seed Oil Polyglyceryl-10 Esters...	
Sunflower Seed Oil Polyglyceryl-10 Esters	SQ		Final Report 9/2016 Available from CIR
		The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Sunflower Seed Oil Polyglyceryl-3 Esters...	
Sunflower Seed Oil Polyglyceryl-3 Esters	SQ		Final Report 9/2016 Available from CIR
		The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Sunflower Seed Oil Polyglyceryl-4 Esters...	
Sunflower Seed Oil Polyglyceryl-4 Esters	SQ		Final Report 9/2016 Available from CIR

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Sunflower Seed Oil Polyglyceryl-5 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Sunflower Seed Oil Polyglyceryl-5 Esters...	Final Report 9/2016 Available from CIR
Sunflower Seed Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Sunflower Seed Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Sunfloweramide MEA	SQ	The CIR Expert Panel concluded that the ethanalamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed... Sunfloweramide MEA	Final Report 8/1995 Available from CIR; IJT 34(Suppl.1):18-34, 2015
Sunflowerseedamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Sunflowerseedamidopropyl Dimethylamine...	IJT 38(S1):39-69,2019
Sweet Almond Amino Acids	S		IJT 33(Suppl 4):5-12, 2014
Sweet Almond Meal	S		JACT 2(S):85-99, 1983 ;IJT 24(Suppl. 1):1-102, 2005
Sweet Almond Oil	S		JACT 2(S):85-99, 1983 ;IJT 24(Suppl. 1):1-102, 2005;IJT 36(Suppl. 3):51-129, 2017
Sweet Almond Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Sweet Almond Oil PEG-8 Esters...	IJT 33(Suppl 4):13-39, 2014
Sweet Almond Oil Polyglyceryl-4 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Sweet Almond Oil Polyglyceryl-4 Esters...	Final Report 9/2016 Available from CIR
Sweet Almond Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Sweet Almond Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Synonym for Citrus Jabara Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Synonym for Citrus Jabara Peel Extract...	Final Report 9/2016 Available from CIR
Synonym for Citrus Unshiu Peel Extract	SQ	The CIR Expert Panel concluded the following 47 Citrus peel-derived ingredients are safe in the present practices of use and concentration in both rinse-off and leave-on cosmetic products when formulated to be non-sensitizing and non-irritating, provided that leave-on products do not contain more than 0.0015% (15 ppm) 5-MOP...Synonym for Citrus Unshiu Peel Extract...	Final Report 9/2016 Available from CIR
Synthetic Beeswax	S		JACT 3(3):43-99, 1984; IJT 24(Suppl. 1):1-102, 2005
Synthetic Fluorophlogopite	S		IJT 34(Suppl.3):43-52, 2015
Synthetic Jojoba Oil	S		Final Report 9/2008 Available from CIR
Synthetic Wax	S		JACT 3(3):43-99, 1984; IJT 24(Suppl. 1):1-102, 2005
TEA-Alginate	S		Final Report 9/2015 Available from CIR
TEA-C10-15 Alkyl Sulfate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-C10-15 Alkyl Sulfate...	IJT 32(Suppl. 1):59-83, 2013
TEA-C11-15 Alkyl Sulfate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-C11-15 Alkyl Sulfate...	IJT 32(Suppl. 1):59-83, 2013
TEA-C11-15 Pareth Sulfate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-C11-15 Pareth Sulfate...	IJT 32(Suppl. 1):59-83, 2013

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TEA-C12-13 Alkyl Sulfate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-C12-13 Alkyl Sulfate...	IUT 32(Suppl. 1):59-83, 2013
TEA-C12-13 Pareth-3 Sulfate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-C12-13 Pareth-3 Sulfate...	IUT 32(Suppl. 1):59-83, 2013
TEA-C12-14 Alkyl Sulfate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-C12-14 Alkyl Sulfate...	IUT 32(Suppl. 1):59-83, 2013
TEA-C12-15 Alkyl Sulfate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-C12-15 Alkyl Sulfate...	IUT 32(Suppl. 1):59-83, 2013
TEA-Canolate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Canolate...	IUT 32(Suppl. 1):59-83, 2013
TEA-Coco-Sulfate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Coco-Sulfate...	IUT 32(Suppl. 1):59-83, 2013
TEA-Cocoate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Cocoate...	IUT 32(Suppl. 1):59-83, 2013
TEA-Cocoyl Alaninate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...TEA-Cocoyl Alaninate...	IUT 36(Suppl. 1):17-56, 2017
TEA-Cocoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...TEA-Cocoyl Glutamate...	IUT 36(Suppl. 1):17-56, 2017
TEA-Cocoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...TEA-Cocoyl Glutamate...	IUT 36(Suppl. 1):17-56, 2017
TEA-Dextrin Octenylsuccinate	S		Final Report 9/2015 Available from CIR
TEA-Dodecylbenzenesulfonate	SQ	Salts of alkylbenzene sulfonates, including ammonium dodecylbenzenesulfonate, calcium dodecylbenzenesulfonate, DEA-dodecylbenzenesulfonate, isopropylamine dodecylbenzenesulfonate, magnesium isodecylbenzenesulfonate, MIPA-dodecylbenzenesulfonate, potassium dodecylbenzenesulfonate, sodium decylbenzenesulfonate, SDDBS, sodium tridecylbenzenesulfonate, TEA-DDBS, and TEA-tridecylbenzenesulfonate, are safe as cosmetic ingredients in the practices of use given in this safety assessment when formulated to be nonirritating.	JACT 12(3):279-309, 1993; IUT 29(Suppl. 4):288-305, 2010
TEA-EDTA	S		IUT 21(Suppl.2):95-142, 2002
TEA-Glyceryl Dimaleate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Glyceryl Dimaleate...	IUT 32(Suppl. 1):59-83, 2013

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TEA-Hydrochloride	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Hydrochloride...	IJT 32(Suppl. 1):59-83, 2013
TEA-Hydrogenated Cocoate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Hydrogenated Cocoate...	IJT 32(Suppl. 1):59-83, 2013
TEA-Hydrogenated Tallowoyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...TEA-Hydrogenated Tallowoyl Glutamate...	IJT 36(Suppl. 1):17-56, 2017
TEA-Isostearate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Isostearate...	IJT 32(Suppl. 1):59-83, 2013
TEA-Lactate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed.	IJT 17(S1):1-241, 1998;IJT 32(Suppl. 1):59-83, 2013;IJT 36(Suppl 2):14-58, 2017
TEA-Laurate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Laurate...	IJT 32(Suppl. 1):59-83, 2013
TEA-Laurate/Myristate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Laurate/Myristate...	IJT 32(Suppl. 1):59-83, 2013
TEA-Laureth Sulfate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Laureth Sulfate...	IJT 32(Suppl. 1):59-83, 2013
TEA-Lauroyl Collagen Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...TEA-Lauroyl Collagen Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
TEA-Lauroyl Glutamate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...TEA-Lauroyl Glutamate...	IJT 36(Suppl. 1):17-56, 2017
TEA-Lauroyl Keratin Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...TEA-Lauroyl Keratin Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
TEA-Lauroyl/Myristoyl Aspartate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...TEA-Lauroyl/Myristoyl Aspartate...	IJT 36(Suppl. 1):17-56, 2017
TEA-Lauryl Sulfate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Lauryl Sulfate...	JACT 1(4):143-167, 1982;IJT 32(Suppl. 1):59-83, 2013
TEA-Myristate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Myristate...	IJT 32(Suppl. 1):59-83, 2013

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Ingredient	Finding†	Conclusion	Citation‡
TEA-Oleate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Oleate...	IJT 32(Suppl. 1):59-83, 2013
TEA-Oleyl Sulfate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Oleyl Sulfate...	IJT 32(Suppl. 1):59-83, 2013
TEA-PEG-3 Cocamide Sulfate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-PEG-3 Cocamide Sulfate...	IJT 32(Suppl. 1):59-83, 2013
TEA-Palmitate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Palmitate...	IJT 32(Suppl. 1):59-83, 2013
TEA-Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...TEA-Salicylate...	Final Report 04/2019 Available from CIR
TEA-Sorbate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Sorbate...	IJT 32(Suppl. 1):59-83, 2013
TEA-Stearate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Stearate...	JACT 14(3):240-248, 1995;IJT 32(Suppl. 1):59-83, 2013
TEA-Sulfate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Sulfate...	IJT 32(Suppl. 1):59-83, 2013
TEA-Tallate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Tallate...	IJT 32(Suppl. 1):59-83, 2013
TEA-Tridecylbenzenesulfonate	SQ	Salts of alkylbenzene sulfonates, including ammonium dodecylbenzenesulfonate, calcium dodecylbenzenesulfonate, DEA-dodecylbenzenesulfonate, isopropylamine dodecylbenzenesulfonate, magnesium isodecylbenzenesulfonate, MIPA-dodecylbenzenesulfonate, potassium dodecylbenzenesulfonate, sodium decylbenzenesulfonate, SDDBS, sodium tridecylbenzenesulfonate, TEA-DDBS, and TEA-tridecylbenzenesulfonate, are safe as cosmetic ingredients in the practices of use given in this safety assessment when formulated to be nonirritating.	IJT 29(Suppl. 4):288-305, 2010
TEA-Undecylenate	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...TEA-Undecylenate...	IJT 32(Suppl. 1):59-83, 2013
Talc	S		IJT 34(Suppl. 1):66-129, 2015
Tall Oil Acid	S		JACT 8(4):769-776, 1989; IJT 28(Suppl. 3):252-258, 2009
Tall Oil Sterol	S		Final Report 12/2013 Available from CIR

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Ingredient	Finding†	Conclusion	Citation#
Tallamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Tallamide DEA...	IJT 32(Suppl. 1):36-58, 2013
Tallamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Tallamidopropyl Dimethylamine...	IJT 38(S1):39-69,2019
Tallow	S		JACT 9(2):153-164, 1990; IJT 27(Suppl. 1):77-142, 2008
Tallow Betaine	SQ	The CIR Expert Panel concluded that the eleven alkyl betaines listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Tallow Betaine...	Final Report 3/2014 Available from CIR
Tallow Glyceride	S		JACT 9(2):153-164, 1990; IJT 27(Suppl. 1):77-142, 2008
Tallow Glycerides	S		JACT 9(2):153-164, 1990; IJT 27(Suppl. 1):77-142, 2008
Tallowamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Tallowamide DEA...	IJT 32(Suppl. 1):36-58, 2013
Tallowamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Tallowamide MEA	Final Report 8/1995 Available from CIR; IJT 34(Suppl.1):18-34, 2015
Tallowamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Tallowamidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Tallowamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Tallowamidopropyl Dimethylamine...	IJT 38(S1):39-69,2019
Tallowamidopropyl Hydroxysultaine	S		Final Report 06/2018 Available from CIR
Talloweth-18	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Talloweth-18...	IJT 31(Suppl. 2):169-244, 2012
Talloweth-4	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Talloweth-4...	IJT 31(Suppl. 2):169-244, 2012
Talloweth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Talloweth-5...	IJT 31(Suppl. 2):169-244, 2012
Talloweth-6	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Talloweth-6...	IJT 31(Suppl. 2):169-244, 2012
Talloweth-7	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Talloweth-7...	IJT 31(Suppl. 2):169-244, 2012
Tallowtrimonium Chloride	SQ	The CIR Expert Panel concluded the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Tallowtrimonium Chloride...	IJT 31(Suppl. 3):296-341, 2012
Tamarindus Indica Seed Gum	S		Final Report 9/2015 Available from CIR
Tapioca Starch	S		Final Report 9/2015 Available from CIR
Tapioca Starch Crosspolymer	S		Final Report 9/2015 Available from CIR
Tetradecyleicosyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Tetradecyloctadecyl Behenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015

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Ingredient	Finding†	Conclusion	Citation#
Tetradecyloctadecyl Hexyldecanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Tetradecyloctadecyl Myristate	S		IJT 29(Suppl. 3):162-186,2010; IJT 34(Suppl.2):5-69, 2015
Tetradecyloctadecyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Tetradecylpropionates	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	IJT 34(Suppl.2):5-69, 2015
Tetrahexyldecyl Ascorbate	S		Final Report 6/2017 Available from CIR
Tetrahydrofurfuryl Methacrylate	SQ	Based on available data, the CIR Expert Panel concluded that ... Tetrahydrofurfuryl Methacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IJT 24(Suppl 5):53-100, 2005
Tetrapotassium Etidronate	S		Final Report 4/2017 Available from CIR
Tetrapotassium Pyrophosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Tetrapotassium Pyrophosphate...	Final Report 9/2016 Available from CIR
Tetrasodium EDTA	S		IJT 21(Suppl.2):95-142, 2002
Tetrasodium Etidronate	S		Final Report 4/2017 Available from CIR
Tetrasodium Pyrophosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Tetrasodium Pyrophosphate...	Final Report 9/2016 Available from CIR
Theobroma Cacao (Cocoa) Seed Butter	S		IJT 36(Suppl. 3):51-129, 2017
Theobroma Grandiflorum Seed Butter	S		IJT 36(Suppl. 3):51-129, 2017
Theobroma Grandiflorum Seed Butter Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Theobroma Grandiflorum Seed Butter Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Theophylline	S		Final Report 12/2018 Available from CIR
Thiodipropionic Acid	SQ	The CIR Expert Panel concludes that Dilauryl Thiodipropionate, Thiodipropionic Acid, Dicityl Thiodipropionate, Dimyristyl Thiodipropionate, Distearyl Thiodipropionate, and Ditridecyl Thiodipropionate are safe as cosmetic ingredients in the practices of use and concentration given in this safety assessment when formulated to be non-irritating.	IJT 29(Suppl. 3):137-150,2010
Thioglycolic Acid	SQ	Based on the available data, the CIR Expert Panel concluded that ... Thioglycolic Acid is safe for use in hair straighteners, permanent waves, tonics, dressings, and so forth, wave sets, other non-coloring hair products, and hair dyes and colors, as described in this safety assessment, at concentrations up to 1.2% (as Thioglycolic Acid). Hairdressers should avoid skin contact and minimize consumer skin exposure. ... Thioglycolic Acid in depilatories is safe when formulated to be non-irritating under conditions of recommended use.	JACT 10(1):135-192, 1991; IJT 28(Suppl. 1):68-133, 2009
Threonine	S		IJT 32(Suppl. 4):41-64, 2013
Thymol	SQ	The CIR Expert panel concludes Sodium p-Chloro-m-Cresol, p-Chloro-m-Cresol, Chlorothymol, m-Cresol, o-Cresol, Isopropyl Cresols, Thymol, o-Cymen-5-ol, Cavacrol are safe at concentrations up to 0.5% in cosmetics; however, the available data are insufficient to support the safety of p-Cresol and Mixed Cresols for use in cosmetic products.	IJT 25(Suppl. 1):29-127, 2006
Tin Oxide	S		IJT 33(Suppl 4):40-46, 2014
Titanium Citrate	I	The Panel also concluded that the data are insufficient to determine the safety of the following 4 ingredients: Titanium Citrate... These ingredients are not reported to be in use.	Final Report 04/2019 Available from CIR
Titanium Ethoxide	I	The Panel also concluded that the data are insufficient to determine the safety of the following 4 ingredients:...Titanium Ethoxide... These ingredients are not reported to be in use.	Final Report 04/2019 Available from CIR
Titanium Isostearates	I	The Panel also concluded that the data are insufficient to determine the safety of the following 4 ingredients: ... Titanium Isostearates... These ingredients are not reported to be in use.	Final Report 04/2019 Available from CIR
Titanium Salicylate	I	The Panel also concluded that the data are insufficient to determine the safety of the following 4 ingredients: ..Titanium Salicylate... These ingredients are not reported to be in use.	Final Report 04/2019 Available from CIR
Tocopherol	S		IJT 21(Suppl. 3):51-116, 2002;Final Report 3/2014 Available from CIR
Tocophersolan	S		IJT 21(Suppl. 3):51-116, 2002;Final Report 3/2014 Available from CIR
Tocopheryl Acetate	S		IJT 21(Suppl. 3):51-116, 2002;Final Report 3/2014 Available from CIR
Tocopheryl Linoleate	S		IJT 21(Suppl. 3):51-116, 2002;Final Report 3/2014 Available from CIR
Tocopheryl Linoleate/Oleate	S		IJT 21(Suppl. 3):51-116, 2002;Final Report 3/2014 Available from CIR
Tocopheryl Nicotinate	S		IJT 21(Suppl. 3):51-116, 2002;Final Report 3/2014 Available from CIR
Tocopheryl Phosphate	S		Final Report 3/2014 Available from CIR
Tocopheryl Succinate	S		IJT 21(Suppl. 3):51-116, 2002;Final Report 3/2014 Available from CIR
Tocotrienols	S		Final Report 3/2014 Available from CIR

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Ingredient	Finding*	Conclusion	Citation#
Toluene	S		JACT 6(1):77-120, 1987;IJT 25(Suppl. 2) :1-89,2006
Toluene Sulfonic Acid	SQ	Toluene Sulfonic Acid...safe as cosmetic ingredient in the present practice of use and concentration as described in this safety assessment, when formulated to be nonirritating	IJT 30(Suppl. 3):270-283, 2011
Toluene-2,5-Diamine	SQ	On the basis of the data presented in this report the CIR Expert Panel concludes that toluene-2,5-diamine and toluene-2,5-diamine sulfate are safe as hair dye ingredients in the present practices of use and concentration as described in this safety assessment, but the available data are insufficient to support the safety of toluene-3,4 diamine as a hair dye ingredient	JACT 11(4):423-445, 1992;IJT 29(Suppl. 2):61-83, 2010
Toluene-2,5-Diamine Sulfate	SQ	On the basis of the data presented in this report the CIR Expert Panel concludes that toluene-2,5-diamine and toluene-2,5-diamine sulfate are safe as hair dye ingredients in the present practices of use and concentration as described in this safety assessment, but the available data are insufficient to support the safety of toluene-3,4 diamine as a hair dye ingredient	JACT 11(4):423-445, 1992;IJT 29(Suppl. 2):61-83, 2010
Toluene-3,4-Diamine	I	On the basis of the data presented in this report the CIR Expert Panel concludes that toluene-2,5-diamine and toluene-2,5-diamine sulfate are safe as hair dye ingredients in the present practices of use and concentration as described in this safety assessment, but the available data are insufficient to support the safety of toluene-3,4 diamine as a hair dye ingredient	JACT 11(4):423-445, 1992;IJT 29(Suppl. 2):61-83, 2010
Toluenesulfonamide/Formaldehyde Resin	S		JACT 5(5):471-490, 1986;IJT 25(Suppl. 2) :1-89,2006
Toluenesulfonamide/Formaldehyde Resin-80	S		JACT 5(5):471-490, 1986
Torreya Nucifera Seed Oil	S		IJT 36(Suppl. 3):51-129, 2017
Tosylamide/Formaldehyde Resin	S		JACT 5(5):471-490, 1986;IJT 25(Suppl. 2) :1-89,2006
Tragacanth Gum	S		JACT 6(1):1-22, 1987;IJT 25(Suppl. 2) :1-89,2006;Final Report 9/2015 Available from CIR
Trehalose	S		IJT 38(S1):5-38,2019
Trehalose Isostearate Esters	S		Final Report 12/2016 Available from CIR
Trehalose Undecylenoate	S		Final Report 12/2016 Available from CIR
Tri-C12-13 Alkyl Citrate	S		IJT 33(Suppl.2):16-46, 2014
Tri-C14-15 Alkyl Citrate	S		IJT 33(Suppl.2):16-46, 2014
Triacetin	S		IJT 22(Suppl. 2):1-10, 2003
Triacotanyl PVP	S		Final Report 12/2018 Available from CIR
Triacotene/VP Copolymer	S		Final Report 12/2018 Available from CIR
Triarachidin	S		IJT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Tribehenin	S		IJT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Tributyl Citrate	S		IJT 33(Suppl.2):16-46, 2014
Tricalcium Phosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Tricalcium Phosphate...	Final Report 9/2016 Available from CIR
Tricaprin	S		IJT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Tricaprylin	S		IJT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Tricaprylyl Citrate	S		IJT 33(Suppl.2):16-46, 2014
Tricaprylyl/Capryl Trimellitate	SQ	The CIR Expert Panel concluded that tridecyl trimellitate, tricapyryl/capryl trimellitate*, triethylhexyl trimellitate, trisodecyl trimellitate, and trisotridecyl trimellitate are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	Final Report 9/2015 Available from CIR
Tricetyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Tricetyl Phosphate...	IJT 38(S2):12-32,2019
Trichilia Emetica Seed Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Trichilia Emetica Seed Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Trichloroethane	S		IJT 27(Suppl. 4):107-138, 2008
Triclosan	S		Final Report 12/2010 Available from CIR
Trideceth-10	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-10...	IJT 31(Suppl. 2):169-244, 2012
Trideceth-11	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-11...	IJT 31(Suppl. 2):169-244, 2012
Trideceth-12	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-12...	IJT 31(Suppl. 2):169-244, 2012

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Ingredient	Finding†	Conclusion	Citation#
Trideceth-15	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-15...	IJT 31(Suppl. 2):169-244, 2012
Trideceth-18	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-18...	IJT 31(Suppl. 2):169-244, 2012
Trideceth-2	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-2...	IJT 31(Suppl. 2):169-244, 2012
Trideceth-2 Carboxamide MEA	SQ	The CIR Expert Panel concluded that the ethanalamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Trideceth-2 Carboxamide MEA...	IJT 34(Suppl.1):18-34, 2015
Trideceth-20	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-20...	IJT 31(Suppl. 2):169-244, 2012
Trideceth-21	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-21...	IJT 31(Suppl. 2):169-244, 2012
Trideceth-3	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-3...	IJT 31(Suppl. 2):169-244, 2012
Trideceth-4	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-4...	IJT 31(Suppl. 2):169-244, 2012
Trideceth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-5...	IJT 31(Suppl. 2):169-244, 2012
Trideceth-50	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-50...	IJT 31(Suppl. 2):169-244, 2012
Trideceth-6	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-6...	IJT 31(Suppl. 2):169-244, 2012
Trideceth-7	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-7...	IJT 31(Suppl. 2):169-244, 2012
Trideceth-8	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-8...	IJT 31(Suppl. 2):169-244, 2012
Trideceth-9	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Trideceth-9...	IJT 31(Suppl. 2):169-244, 2012

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Ingredient	Finding†	Conclusion	Citation#
Tridecyl Behenate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Tridecyl Cocoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 30(Suppl. 1):5-16, 2011; UT 34(Suppl.2):5-69, 2015
Tridecyl Erucate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Tridecyl Ethylhexanoate	SQ	The Panel concluded that the alkyl ethylhexanoates, listed below, are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...Tridecyl Ethylhexanoate...	UT 34(Suppl.3):61-73, 2015
Tridecyl Isononanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 30(Suppl. 3):228-269, 2011; UT 34(Suppl.2):5-69, 2015
Tridecyl Laurate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Tridecyl Myristate	S		UT 29(Suppl. 3):162-186,2010; UT 34(Suppl.2):5-69, 2015
Tridecyl Neopentanoate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Tridecyl Salicylate	SQ	The Panel concluded that the following ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment, when formulated to be non-irritating and non-sensitizing, which may be based on a quantitative risk assessment (QRA)...Tridecyl Salicylate...	Final Report 04/2019 Available from CIR
Tridecyl Stearate	SQ	The CIR Expert Panel concluded that the alkyl esters, listed subsequently, are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	UT 34(Suppl.2):5-69, 2015
Tridecyl Trimellitate	SQ	The CIR Expert Panel concluded that tridecyl trimellitate, tricaprylyl/capryl trimellitate*, triethylhexyl trimellitate, trisodecyl trimellitate, and trisotridecyl trimellitate are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	Final Report 9/2015 Available from CIR
Trierucin	S		UT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Triethanolamine	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Triethanolamine...	JACT 2(7):183-235, 1983;UT 32(Suppl. 1):59-83, 2013
Triethanolamine-Coco-Hydrolyzed Animal Protein	SQ	The CIR Expert Panel concluded that TEA and the 31 related TEA-containing ingredients are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating and when the levels of free diethanolamine do not exceed the present practices of use and concentration of diethanolamine itself. These ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Triethanolamine-Coco-Hydrolyzed Animal Protein...	JACT 2(7):183-235, 1983;UT 32(Suppl. 1):59-83, 2013
Triethoxycaprylylsilane	S		Final Report 12/2016 Available from CIR
Triethyl Citrate	S		UT 33(Suppl.2):16-46, 2014
Triethylene Glycol	S		UT 25(2):121-138, 2006;Final Report 6/2010 Available from CIR
Triethylene Glycol Dimethacrylate	SQ	Based on available data, the CIR Expert Panel concluded that...Triethylene Glycol Dimethacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	UT 24(Suppl 5):53-100, 2005
Triethylhexyl Citrate	S		UT 33(Suppl.2):16-46, 2014
Triethylhexyl Trimellitate	SQ	The CIR Expert Panel concluded that tridecyl trimellitate, tricaprylyl/capryl trimellitate*, triethylhexyl trimellitate, trisodecyl trimellitate, and trisotridecyl trimellitate are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	Final Report 9/2015 Available from CIR
Trifluoropropyl Dimethicone/PEG-10 Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Trifluoropropyl Dimethicone/Trifluoropropyl Divinyldimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Trifluoropropyl Dimethicone/Vinyl Trifluoropropyl Dimethicone/Silsesquioxane Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Trifluoropropyldimethyl/trimethylsiloxysilicate	SQ	The CIR Expert Panel concluded that silica silylate, silica dimethyl silylate, trimethylsiloxysilicate, and trifluoropropyldimethyl/trimethylsiloxysilicate are safe in the present practices of use and concentration described in this safety assessment when formulated and delivered in the final product not to be irritating or sensitizing to the respiratory tract.	UT 32(Suppl. 1):5-24, 2013
Trigonella Foenum-Graecum Hydroxypropyltrimonium Chloride	S		UT 34(Suppl. 1):35-65, 2015

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Ingredient	Finding†	Conclusion	Citation‡
Triheptanoin	S		IJT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Triheptylundecanoin	S		IJT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Trihexyldecyl Citrate	S		IJT 33(Suppl.2):16-46, 2014
Trihydroxystearin	S		IJT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Triisocetyl Citrate	S		IJT 33(Suppl.2):16-46, 2014
Triisodecyl Trimellitate	SQ	The CIR Expert Panel concluded that tridecyl trimellitate, tricaprylyl/capryl trimellitate*, triethylhexyl trimellitate, trisodecyl trimellitate, and trisotridecyl trimellitate are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	Final Report 9/2015 Available from CIR
Triisnonanoin	S		IJT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Triisopalmitin	S		IJT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Triisopropanolamine	SQ	The Panel concludes that Diisopropanolamine, Triisopropanolamine, Isopropanolamine, and Mixed Isopropanolamines are safe as cosmetic ingredients in the present practices of use and concentration. The isopropanolamines should not be used in products containing N-nitrosating agents.	JACT 6(1):53-76, 1987; IJT 25(Suppl. 2) :1-89,2006
Triisopropyl Citrate	S		IJT 33(Suppl.2):16-46, 2014
Triisostearin	S		IJT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Triisostearoyl Polyglyceryl-3 Dimer Dilinoleate	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating..Triisostearoyl Polyglyceryl-3 Dimer Dilinoleate...	Final Report 9/2016 Available from CIR
Triisostearyl Citrate	S		IJT 33(Suppl.2):16-46, 2014
Triisotridecyl Trimellitate	SQ	The CIR Expert Panel concluded that tridecyl trimellitate, tricaprylyl/capryl trimellitate*, triethylhexyl trimellitate, trisodecyl trimellitate, and trisotridecyl trimellitate are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating.	Final Report 9/2015 Available from CIR
Trilaurin	S		IJT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Trilauryl Citrate	S		IJT 33(Suppl.2):16-46, 2014
Trilauryl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Trilauryl Phosphate...	IJT 38(S2):12-32,2019
Trilinoleic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Trilinoleic Acid...	Final Report 04/2019 Available from CIR
Trilinolein	S		IJT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Trilinolenin	S		Final Report 12/2017 Available from CIR
Trimagnesium Phosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Trimagnesium Phosphate...	Final Report 9/2016 Available from CIR
Trimethoxycaprylylsilane	S		Final Report 12/2016 Available from CIR
Trimethyl Pentanyl Diisobutyrate	S		Final Report 9/2017 Available from CIR
Trimethylolpropane Trimethacrylate	SQ	Based on available data, the CIR Expert Panel concluded that ... Trimethylolpropane Trimethacrylate is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IJT 24(Suppl 5):53-100, 2005
Trimethylpentanediol/Isophthalic Acid/Trimellitic Anhydride Copolymer	Z	The CIR Expert Panel also concluded that the available data are insufficient to make a determination that the following four trimellitic anhydride copolymers are safe under the intended conditions of use in cosmetic formulations...Trimethylpentanediol/Isophthalic Acid/Trimellitic Anhydride Copolymer	IJT 39(S3):74-92,2020
Trimethylpentyl Polysilsesquioxane	S		Final Report 12/2017 Available from CIR
Trimethylsiloxy silicate	SQ	The CIR Expert Panel concluded that silica silylate, silica dimethyl silylate, trimethylsiloxy silicate, and trifluoropropyl dimethyl/trimethylsiloxy silicate are safe in the present practices of use and concentration described in this safety assessment when formulated and delivered in the final product not to be irritating or sensitizing to the respiratory tract.	IJT 32(Suppl. 1):5-24, 2013
Trimethylsiloxy silicate/Dimethicone Crosspolymer	S		IJT 33(Suppl. 2):65-115, 2014
Trimethylsiloxy silicate/Dimethiconol Crosspolymer	S		IJT 36(Suppl. 3):31-50, 2017
Trimyrustin	S		IJT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Trioctanoin	S		IJT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Trioctanoin (now, Triethylhexanoin)	S		Final Amended Report 02/2018 Available from CIR
Trioctyldodecyl Citrate	S		IJT 33(Suppl.2):16-46, 2014
Triolein	S		IJT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Trioleyl Citrate	S		IJT 33(Suppl.2):16-46, 2014
Trioleyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Trioleyl Phosphate...	IJT 38(S2):12-32,2019
Tripalmitin	S		IJT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR
Tripalmitolein	S		IJT 20(suppl 4):61-94, 2001;Final Report 12/2017 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Tripelargonin	S		Final Report 12/2017 Available from CIR
Tripeptide-1	S		Final Report 06/10/2014 Available from CIR
Triphenyl Phosphate	S		Final Report 09/2018 available from CIR
Tripotassium EDTA	S		UT 21(Suppl.2):95-142, 2002
Tripropylene Glycol	SQ	The CIR Expert Panel concluded that ... Tripropylene Glycol and any PG >= 3 are safe as cosmetic ingredients in present practices of use and concentration as described in this safety assessment when formulated to be nonirritating.	UT 31(Suppl. 2):245-260, 2012
Triricinolein	S		UT 20(suppl. 4):61-94, 2001;Final Report 12/2017 Available from CIR
Trisodium EDTA	S		UT 21(Suppl.2):95-142, 2002
Trisodium Fructose Diphosphate	I	The Panel also concluded that the available data are insufficient to make a determination that the polyol phosphates listed be low are safe under the intended conditions of use in cosmetic formulations...Trisodium Fructose Diphosphate...	Final Report 10/2018 Available from CIR
Trisodium Glycyrhizate	S		UT 26(Suppl. 2):79-112, 2007
Trisodium HEDTA	S		UT 21(Suppl.2):95-142, 2002
Trisodium Inositol Triphosphate	S		Final Report 10/2018 Available from CIR
Trisodium Phosphate	SQ	The CIR Expert Panel concluded that the following 31 ingredients are safe in the present practices of use and concentration in cosmetics as described in this safety assessment, when formulated to be non-irritating...Trisodium Phosphate...	Final Report 9/2016 Available from CIR
Tristearin	S		UT 20(suppl. 4):61-94, 2001;Final Report 12/2017 Available from CIR
Tristearyl Citrate	S		UT 33(Suppl.2):16-46, 2014
Tristearyl Phosphate	SQ	The CIR Expert Panel concluded the following 28 alkyl phosphates are safe in the present practices of use and concentration in cosmetics when formulated to be non-irritating...Tristearyl Phosphate...	UT 38(52):12-32,2019
Triticum Aestivum (Wheat) Germ Oil	S		UT 36(Suppl. 3):51-129, 2017
Triticum Vulgare (Wheat) Germ Oil Unsaponifiables	S		UT 36(Suppl. 3):51-129, 2017
Triticum Vulgare (Wheat) Gluten	S		JEPT 4(4):5-17, 1980;UT 22(Suppl. 1):1-35, 2003
Triticum Vulgare (Wheat) Kernel Flour	S		JEPT 4(4):19-32, 1980;UT 22(Suppl. 1):1-35, 2003
Triticum Vulgare (Wheat) Starch	S		JEPT 4(4):19-32, 1980;UT 22(Suppl. 1):1-35, 2003;Final Report 9/2015 Available from CIR
Triundecanoin	S		UT 20(suppl. 4):61-94, 2001;Final Report 12/2017 Available from CIR
Tromethamine	S		Final Report 9/2013 Available from CIR
Tryptophan	S		UT 32(Suppl. 4):41-64, 2013
Tyrosine	S		UT 32(Suppl. 4):41-64, 2013
Umbilical Extract	Z	The CIR Expert Panel concludes that the available data are insufficient to support the safety of Human Placental Protein, Hydrolyzed Human Placental Protein, Human Placental Enzymes, Human Placental Lipids, Human Umbilical Extract, Placental Protein, Hydrolyzed Placental Protein, Placental Enzymes, Placental Lipids, Umbilical Extract for use in cosmetic products. If these ingredients are used, they should not deliver any metabolic/endocrine activity, and they must be free of detectable pathogenic viruses or infectious agents.	UT 21(Suppl.1):81-91, 2002
Undaria Peterseniana Extract	S		Final Report 09/2019 Available from CIR
Undaria Pinnatifida Cell Culture Extract	S		Final Report 09/2019 Available from CIR
Undaria Pinnatifida Extract	S		Final Report 09/2019 Available from CIR
Undaria Pinnatifida Leaf/Stem Extract	S		Final Report 09/2019 Available from CIR
Undaria Pinnatifida Powder	S		Final Report 09/2019 Available from CIR
Undaria Pinnatifida Root Powder	S		Final Report 09/2019 Available from CIR
Undecanoic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Undecanoic Acid...	Final Report 04/2019 Available from CIR
Undeceth-11	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Undeceth-11...	UT 31(Suppl. 2):169-244, 2012
Undeceth-3	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Undeceth-3...	UT 31(Suppl. 2):169-244, 2012
Undeceth-40	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Undeceth-40...	UT 31(Suppl. 2):169-244, 2012
Undeceth-5	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Undeceth-5...	UT 31(Suppl. 2):169-244, 2012

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Ingredient	Finding†	Conclusion	Citation‡
Undeceth-7	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Undeceth-7...	IJT 31(Suppl. 2):169-244, 2012
Undeceth-8	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Undeceth-8...	IJT 31(Suppl. 2):169-244, 2012
Undeceth-9	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Undeceth-9...	IJT 31(Suppl. 2):169-244, 2012
Undecyl Glucoside	SQ	The CIR Expert Panel concluded that the 19 alkyl glucosides listed below are safe in the present practices of use and concentrations when formulated to be nonirritating...Undecyl Glucoside...	IJT 32(Suppl. 3):22-48, 2013
Undecylenamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Undecylenamide DEA...	IJT 32(Suppl. 1):36-58, 2013
Undecylenamide MEA	SQ	The CIR Expert Panel concluded that the ethanolamides listed subsequently are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating. The Expert Panel cautioned that these ingredients should not be used in cosmetic products in which N-nitroso compounds may be formed...Undecylenamide MEA...	IJT 34(Suppl.1):18-34, 2015
Undecylenamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Undecylenamidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Undecyleneth-6	SQ	The CIR Expert Panel concluded that the alkyl PEG ethers, listed below, are safe in the present practices of use and concentration described in this safety assessment when formulated to be nonirritating. This assessment is also intended to address future alkyl PEG ether cosmetic ingredients that vary from those ingredients recited herein only by the number of ethylene glycol repeat units...Undecyleneth-6...	IJT 31(Suppl. 2):169-244, 2012
Undecylenic Acid	SQ	The CIR Expert Panel concluded that the following ingredients are safe in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating and non-sensitizing, which may be based on a QRA...Undecylenic Acid...	Final Report 04/2019 available from CIR
Undecylenoyl Collagen Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Undecylenoyl Collagen Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
Undecylenoyl Glycine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Undecylenoyl Glycine...	IJT 36(Suppl. 1):17-56, 2017
Undecylenoyl Inulin	S		Final Report 9/2015 Available from CIR
Undecylenoyl Phenylalanine	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Undecylenoyl Phenylalanine...	IJT 36(Suppl. 1):17-56, 2017
Undecylenoyl Wheat Amino Acids	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Undecylenoyl Wheat Amino Acids...	IJT 36(Suppl. 1):17-56, 2017
Undecylenoyl Xanthan Gum	S		IJT 35(Suppl. 1):5-49, 2016
Urea	S		IJT 24(Suppl. 3):1-56, 2005
Urethane Methacrylate	SQ	Based on available data, the CIR Expert Panel concluded that Urethane Methacrylate ...is safe as used in nail enhancement products when skin contact is avoided. Products containing these ingredients should be accompanied with directions to avoid skin contact, because of the sensitizing potential of Methacrylates.	IJT 24(Suppl 5):53-100, 2005
Urocanic Acid	Z	The safety of this ingredient has not been documented and substantiated. The CIR Expert Panel cannot conclude whether Urocanic Acid is safe for use in cosmetic products until such time as the appropriate safety data have been obtained and evaluated.	JACT 14(5):386-423, 1995
VA/Butyl Maleate/Isobornyl Acrylate Copolymer	SQ	The CIR Expert Panel concluded that the following 126 acrylates copolymers are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-irritating...VA/Butyl Maleate/Isobornyl Acrylate Copolymer...	Final Report 12/2018 Available from CIR
VA/CA Copolymer	S		JACT 2(5):125-140, 1983;IJT 24(Suppl. 1):1-102, 2005;IJT 25(Suppl. 2) :1-89,2006
VP/Acrylates/Lauryl Methacrylate Copolymer	S		Final Report 12/2018 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
VP/DMAPA Acrylates Copolymer	S		Final Report 12/2018 Available from CIR
VP/Dimethiconylacrylate/Polycarbamyl/Polyglycol Ester	I	The Panel also concluded that the available data are insufficient to make a determination that the vinylpyrrolidone polymers listed below are safe under the intended conditions of use in cosmetic formulations	Final Report 12/2018 Available from CIR
VP/Dimethylaminoethylmethacrylate Copolymer	S		Final Report 12/2018 Available from CIR
VP/Dimethylaminoethylmethacrylate/Polycarbamyl Polyglycol Ester	I	The Panel also concluded that the available data are insufficient to make a determination that the vinylpyrrolidone polymers listed below are safe under the intended conditions of use in cosmetic formulations	Final Report 12/2018 Available from CIR
VP/Eicosene Copolymer	S		Final Report 12/2018 Available from CIR
VP/Hexadecene Copolymer	S		Final Report 12/2018 Available from CIR
VP/Polycarbamyl Polyglycol Ester	I	The Panel also concluded that the available data are insufficient to make a determination that the vinylpyrrolidone polymers listed below are safe under the intended conditions of use in cosmetic formulations	Final Report 12/2018 Available from CIR
VP/VA Copolymer	S		Final Report 12/2018 Available from CIR
VP/Vinyl Alcohol Copolymer	S		Final Report 12/2018 Available from CIR
VP/Vinyl Caprolactam/DMAPA Acrylates Copolymer	S		Final Report 12/2018 Available from CIR
Vaccinium Corymbosum (Blueberry) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Vaccinium Macrocarpon (Cranberry) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Vaccinium Myrtillus Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Vaccinium Vitis-Idaea Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Valine	S		UT 32(Suppl. 4):41-64, 2013
Vegetable Amino Acids	S		UT 33(Suppl. 4):5-12, 2014
Vegetable Oil	S		UT 36(Suppl. 3):51-129, 2017
Vinyl Acetate/Crotonic Acid Copolymer	S		JACT 2(5):125-140, 1983;UT 24(Suppl. 1):1-102, 2005;UT 25(Suppl. 2) :1-89,2006
Vinyl Caprolactam/PVP/Dimethylaminoethyl Methacrylate Copolymer	S		UT 21(Suppl. 3):1-50, 2002;Final Report 12/2018 Available from CIR
Vinyl Caprolactam/VP/Dimethylaminoethyl Methacrylate Copolymer	S		UT 21(Suppl. 3):1-50, 2002;Final Report 12/2018 Available from CIR
Vinyl Dimethicone/Lauryl Dimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Vinyl Dimethicone/Lauryl/Behenyl Dimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Vinyl Dimethicone/Methicone Silsesquioxane Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Vinyldimethicone	S		UT 22(Suppl. 2):11-35, 2003
Vinyldimethyl/Trimethylsiloxysilicate Stearyl Dimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Vinyldimethyl/Trimethylsiloxysilicate/Dimethicone Crosspolymer	S		UT 33(Suppl. 2):65-115, 2014
Vitis Vinifera (Grape)	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Bud Extract	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Flower Extract	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Fruit Extract	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Fruit Powder	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Fruit Water	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Juice	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Juice Extract	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Leaf Extract	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Leaf Oil	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Leaf Water	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Leaf Wax	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Leaf/Seed/Skin Extract	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Root Extract	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Seed	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Seed Extract	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Seed Oil	S		UT 36(Suppl. 3):51-129, 2017
Vitis Vinifera (Grape) Seed Powder	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Shoot Extract	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Skin Extract	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Skin Powder	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Vine Extract	S		UT 33(Suppl. 3):48-83, 2014
Vitis Vinifera (Grape) Vine Sap	S		UT 33(Suppl. 3):48-83, 2014
Watermelon Seed Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Watermelon Seed Oil PEG-8 Esters...	UT 33(Suppl. 4):13-39, 2014
Watermelon Seed Oil Polyglyceryl-10 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Watermelon Seed Oil Polyglyceryl-10 Esters...	Final Report 9/2016 Available from CIR
Watermelon Seed Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Watermelon Seed Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Welan Gum	S		UT 35(Suppl. 1):5-49, 2016

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Ingredient	Finding†	Conclusion	Citation#
Wheat Amino Acids	S		IJT 33(Suppl 4):5-12, 2014
Wheat Flour	S		JEPT 4(4):19-32, 1980;IJT 22(Suppl. 1):1-35, 2003
Wheat Germ Acid	S		IJT 36(Suppl. 3):51-129, 2017
Wheat Germ Glycerides	S		JEPT 4(4):5-17, 1980;IJT 22(Suppl. 1):1-35, 2003
Wheat Germ Oil	S		JEPT 4(4):33-45, 1980 ;IJT 22(Suppl. 1):1-35, 2003 ;IJT 36(Suppl. 3):51-129, 2017
Wheat Germ Oil PEG-40 Butyloctanol Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Wheat Germ Oil PEG-40 Butyloctanol Esters...	IJT 33(Suppl 4):13-39, 2014
Wheat Germ Oil PEG-8 Esters	SQ	The CIR Expert Panel concluded that the 130 PEGylated oil ingredients listed subsequently are safe in the present practices of use and concentration in cosmetics when formulated to be nonirritating. The conclusion supersedes the earlier conclusion issued by the expert panel in 1997...Wheat Germ Oil PEG-8 Esters...	IJT 33(Suppl 4):13-39, 2014
Wheat Germamide DEA	SQ	The CIR Expert Panel concluded that the following 33 diethanolamides are safe in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating and when the levels of free diethanolamine in the diethanolamides do not exceed the present practices of use and concentration of diethanolamine itself. The Expert Panel cautions that ingredients should not be used in cosmetic products in which N-nitroso compounds can be formed...Wheat Germamide DEA...	IJT 32(Suppl. 1):36-58, 2013
Wheat Germamidopropyl Betaine	SQ	The CIR Expert Panel concluded that the following ingredients are safe in cosmetics as long as they are formulated to be non-sensitizing, which may be based on a QRA...Wheat Germamidopropyl Betaine...	IJT 31(Suppl. 1):77-111, 2012
Wheat Germamidopropyl Dimethylamine	SQ	The CIR Expert Panel concluded that the 24 fatty acid amidopropyl dimethylamines ingredients listed below are safe in cosmetics when they are formulated to be non-sensitizing, which may be based on a QRA...Wheat Germamidopropyl Dimethylamine...	IJT 38(S1):39-69,2019
Wheat Gluten	S		JEPT 4(4):5-17, 1980;IJT 22(Suppl. 1):1-35, 2003
Wheat Starch	S		JEPT 4(4):19-32, 1980;IJT 22(Suppl. 1):1-35, 2003;Final Report 9/2015 Available from CIR
Whey Protein	S		Final Report 9/2017 Available from CIR
Wild Yam (Dioscorea Villosa) Extract	S		Final Report 9/1999 Available from CIR;IJT 23 (Suppl.2:49-54,)2004
Xanthan Gum	S		IJT 35(Suppl. 1):5-49, 2016
Xanthan Gum Crosspolymer	S		IJT 35(Suppl. 1):5-49, 2016
Xanthan Hydroxypropyltrimonium Chloride	S		IJT 35(Suppl. 1):5-49, 2016
Ximenia Americana Seed Oil Polyglyceryl-6 Esters	SQ	The CIR Expert Panel concluded that the 274 polyglyceryl fatty acid esters listed below are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Ximenia Americana Seed Oil Polyglyceryl-6 Esters...	Final Report 9/2016 Available from CIR
Xylene Sulfonic Acid	SQ	Xylene Sulfonic Acid is safe as cosmetic ingredient in the present practice of use and concentration as described in this safety assessment, when formulated to be nonirritating	IJT 30(Suppl. 3):270-283, 2011
Xylitol	S		Final Report 12/2019 Available from CIR
Xylityl Phosphate	I	The Panel also concluded that the available data are insufficient to make a determination that the polyol phosphates listed be low are safe under the intended conditions of use in cosmetic formulations...Xylityl Phosphate...	Final Report 10/2018 Available from CIR
Xylityl Sesquicaprylate	S		Final Report 12/2016 Available from CIR
Xylobiose	S		IJT 38(S1):5-38,2019
Xyloglucan	S		Final Report 9/2015 Available from CIR
Xylose	S		IJT 38(S1):5-38,2019
Yarrow (Achillea Millefolium) Extract	SQ	The CIR Expert Panel concluded that ...Yarrow (Achillea Millefolium) Extract is safe in the present practices of use and concentration in cosmetics when formulated to be nonsensitizing	IJT 20(S2):79-84, 2001;IJT 35(Suppl. 3):5-15, 2016
Yeast Amino Acids	S		IJT 33(Suppl 4):5-12, 2014
Zea Mays (Corn) Fruit	S		IJT 30(Suppl. 1):17-39, 2011
Zea Mays (Corn) Germ Extract	S		IJT 30(Suppl. 1):17-39, 2011
Zea Mays (Corn) Germ Oil	S		IJT 36(Suppl. 3):51-129, 2017; IJT 30(Suppl. 1):17-39, 2011
Zea Mays (Corn) Oil	S		IJT 36(Suppl. 3):51-129, 2017; IJT 30(Suppl. 1):17-39, 2011
Zea Mays (Corn) Oil Unsaponifiables	S		IJT 36(Suppl. 3):51-129, 2017; IJT 30(Suppl. 1):17-39, 2011
Zeolite	S		IJT 22(Suppl. 1):37-102, 2003
Zinc Acetate	S		IJT 31(Suppl. 1):112-136, 2012
Zinc Ascorbate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Ascorbate...	Final Report 3/2018 Available from CIR
Zinc Ascorbate Hydroxide	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Ascorbate Hydroxide...	Final Report 3/2018 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Zinc Aspartate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Aspartate...	Final Report 3/2018 Available from CIR
Zinc Borosilicate	S		IJT 32(Suppl. 3):65-72, 2013
Zinc Carbonate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Carbonate...	Final Report 3/2018 Available from CIR
Zinc Carbonate Hydroxide	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Carbonate Hydroxide...	Final Report 3/2018 Available from CIR
Zinc Chloride	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Chloride...	Final Report 3/2018 Available from CIR
Zinc Chloride Hydroxide	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Chloride Hydroxide...	Final Report 3/2018 Available from CIR
Zinc Citrate	S		IJT 33(Suppl.2):16-46, 2014
Zinc Coceth Sulfate	S		IJT 29(Suppl. 3) :151-161,2010
Zinc Coco-Sulfate	S		IJT 29(Suppl. 2):115-132, 2010
Zinc Cysteinate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Cysteinate...	Final Report 3/2018 Available from CIR
Zinc Fructose Diphosphate	I	The Panel also concluded that the available data are insufficient to make a determination that the polyol phosphates listed below are safe under the intended conditions of use in cosmetic formulations...Zinc Fructose Diphosphate	Final Report 10/2018 Available from CIR
Zinc Gluconate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Gluconate...	Final Report 3/2018 Available from CIR
Zinc Glutamate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Glutamate...	Final Report 3/2018 Available from CIR
Zinc Glycinate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Glycinate...	Final Report 3/2018 Available from CIR
Zinc Hexametaphosphate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Hexametaphosphate...	Final Report 3/2018 Available from CIR
Zinc Hydrolyzed Collagen	S		Final Report 9/2017 Available from CIR
Zinc Hydroxide	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Hydroxide...	Final Report 3/2018 Available from CIR
Zinc Lactate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Lactate...	Final Report 3/2018 Available from CIR
Zinc Laurate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Laurate...	Final Report 3/2018 Available from CIR
Zinc Lauroyl Aspartate	SQ	The panel concluded that the 115 amino acid alkyl amides listed below are safe in the present practices of use and concentration in cosmetics, when formulated to be non-irritating...Zinc Lauroyl Aspartate...	IJT 36(Suppl. 1):17-56, 2017
Zinc Myristate	S		IJT 29(Suppl. 3):162-186,2010
Zinc Neodecanoate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Neodecanoate...	Final Report 3/2018 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Zinc Nitrate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Nitrate...	Final Report 3/2018 Available from CIR
Zinc Palmitate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Palmitate...	Final Report 3/2018 Available from CIR
Zinc Phenolsulfonate	S		JACT 5(5):373-390, 1986; JT 25(Suppl. 2) :1-89,2006
Zinc Phosphate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Phosphate...	Final Report 3/2018 Available from CIR
Zinc Ricinoleate	S		JT 26(Suppl. 3):31-77, 2007
Zinc Salicylate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Salicylate...	Final Report 3/2018 Available from CIR
Zinc Stearate	S		JT 22(Suppl. 1):1-35, 2003; JACT 1(2):143-177, 1982
Zinc Sulfate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Sulfate...	Final Report 3/2018 Available from CIR
Zinc Undecylenate	SQ	The CIR Expert Panel concluded that the following 27 zinc salts are safe in cosmetics in the present practices of use and concentration described in this safety assessment when formulated to be non-irritating...Zinc Undecylenate...	Final Report 3/2018 Available from CIR
Zirconium Silicate	S		JT 22(Suppl. 1):37-102, 2003
Punica Granatum Flower Extract	S		Final Report 06/2020 Available from CIR
Punica Granatum Fruit Extract	S		Final Report 06/2020 Available from CIR
Punica Granatum Fruit Juice	S		Final Report 06/2020 Available from CIR
Punica Granatum Fruit Water	S		Final Report 06/2020 Available from CIR
Punica Granatum Juice Extract	S		Final Report 06/2020 Available from CIR
Punica Granatum Pericarp Extract	S		Final Report 06/2020 Available from CIR
Punica Granatum Seed	S		Final Report 06/2020 Available from CIR
Punica Granatum Seed Extract	S		Final Report 06/2020 Available from CIR
Punica Granatum Seed Powder	S		Final Report 06/2020 Available from CIR
Punica Granatum Extract	I	The Panel also concluded that the available data are insufficient to make a determination of safety under the intended conditions of use for the following 9 Punica granatum (pomegranate)-derived ingredients... Punica Granatum Extract	Final Report 06/2020 Available from CIR
Punica Granatum Bark Extract	I	The Panel also concluded that the available data are insufficient to make a determination of safety under the intended conditions of use for the following 9 Punica granatum (pomegranate)-derived ingredients... Punica Granatum Bark Extract	Final Report 06/2020 Available from CIR
Punica Granatum Bark/Fruit Extract	I	The Panel also concluded that the available data are insufficient to make a determination of safety under the intended conditions of use for the following 9 Punica granatum (pomegranate)-derived ingredients... Punica Granatum Bark/Fruit Extract	Final Report 06/2020 Available from CIR
Punica Granatum Callus Culture Extract	I	The Panel also concluded that the available data are insufficient to make a determination of safety under the intended conditions of use for the following 9 Punica granatum (pomegranate)-derived ingredients... Punica Granatum Callus Culture Extract	Final Report 06/2020 Available from CIR
Punica Granatum Fruit/Root/Stem Powder	I	The Panel also concluded that the available data are insufficient to make a determination of safety under the intended conditions of use for the following 9 Punica granatum (pomegranate)-derived ingredients... Punica Granatum Fruit/Root/Stem Powder	Final Report 06/2020 Available from CIR
Punica Granatum Fruit/Sucrose Ferment Filtrate	I	The Panel also concluded that the available data are insufficient to make a determination of safety under the intended conditions of use for the following 9 Punica granatum (pomegranate)-derived ingredients... Punica Granatum Fruit/Sucrose Ferment Filtrate	Final Report 06/2020 Available from CIR
Punica Granatum Leaf Cell Extract	I	The Panel also concluded that the available data are insufficient to make a determination of safety under the intended conditions of use for the following 9 Punica granatum (pomegranate)-derived ingredients... Punica Granatum Leaf Cell Extract	Final Report 06/2020 Available from CIR
Punica Granatum Peel Extract	I	The Panel also concluded that the available data are insufficient to make a determination of safety under the intended conditions of use for the following 9 Punica granatum (pomegranate)-derived ingredients... Punica Granatum Peel Extract	Final Report 06/2020 Available from CIR
Punica Granatum Seed Cell Culture Lysate	I	The Panel also concluded that the available data are insufficient to make a determination of safety under the intended conditions of use for the following 9 Punica granatum (pomegranate)-derived ingredients... Punica Granatum Seed Cell Culture Lysate	Final Report 06/2020 Available from CIR
Glycine Max (Soybean) Fiber	S		Final Report 06/2020 Available from CIR
Glycine Max (Soybean) Flower/Leaf/Stem Juice	S		Final Report 06/2020 Available from CIR
Glycine Max (Soybean) Leaf Cell Extract	S		Final Report 06/2020 Available from CIR
Glycine Max (Soybean) Leaf Extract	S		Final Report 06/2020 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Glycine Max (Soybean) Phytoplacenta Extract	S		Final Report 06/2020 Available from CIR
Glycine Max (Soybean) Pulp	S		Final Report 06/2020 Available from CIR
Glycine Max (Soybean) Seed Extract	S		Final Report 06/2020 Available from CIR
Glycine Max (Soybean) Seedcake Extract	S		Final Report 06/2020 Available from CIR
Glycine Max (Soybean) Seedcoat Extract	S		Final Report 06/2020 Available from CIR
Glycine Max (Soybean) Seed Powder	S		Final Report 06/2020 Available from CIR
Glycine Max (Soybean) Sprout Extract	S		Final Report 06/2020 Available from CIR
Glycine Soja (Soybean) Extract	S		Final Report 06/2020 Available from CIR
Glycine Soja (Soybean) Fiber	S		Final Report 06/2020 Available from CIR
Glycine Soja (Soybean) Flour	S		Final Report 06/2020 Available from CIR
Glycine Soja (Soybean) Germ Extract	S		Final Report 06/2020 Available from CIR
Glycine Soja (Soybean) Hull	S		Final Report 06/2020 Available from CIR
Glycine Soja (Soybean) Lipids	S		Final Report 06/2020 Available from CIR
Glycine Soja (Soybean) Phytoplacenta Extract	S		Final Report 06/2020 Available from CIR
Glycine Soja (Soybean) Seed	S		Final Report 06/2020 Available from CIR
Glycine Soja (Soybean) Seedcake Extract	S		Final Report 06/2020 Available from CIR
Glycine Soja (Soybean) Seed Extract	S		Final Report 06/2020 Available from CIR
Glycine Soja (Soybean) Seed Powder	S		Final Report 06/2020 Available from CIR
Glycine Soja (Soybean) Seed Water	S		Final Report 06/2020 Available from CIR
Glycine Soja (Soybean) Sprout Extract	S		Final Report 06/2020 Available from CIR
Glycine Max (Soybean) Callus Culture	I	The Panel also concluded that the available data are insufficient to make a determination of safety under the intended conditions of use in cosmetic formulations for the following 4 ingredients:... Glycine Max (Soybean) Callus Culture	Final Report 06/2020 Available from CIR
Glycine Max (Soybean) Callus Culture Extract	I	The Panel also concluded that the available data are insufficient to make a determination of safety under the intended conditions of use in cosmetic formulations for the following 4 ingredients:... Glycine Max (Soybean) Callus Culture Extract	Final Report 06/2020 Available from CIR
Glycine Max (Soybean) Callus Extract	I	The Panel also concluded that the available data are insufficient to make a determination of safety under the intended conditions of use in cosmetic formulations for the following 4 ingredients:... Glycine Max (Soybean) Callus Extract	Final Report 06/2020 Available from CIR
Glycine Max (Soybean) Phytoplacenta Conditioned Media	I	The Panel also concluded that the available data are insufficient to make a determination of safety under the intended conditions of use in cosmetic formulations for the following 4 ingredients:... Glycine Max (Soybean) Phytoplacenta Conditioned Media	Final Report 06/2020 Available from CIR
Vanilla Planifolia Fruit Extract	SQ	The Expert Panel for Cosmetic Ingredient Safety concluded the following 7 vanilla-derived ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-sensitizing ...Vanilla Planifolia Fruit Extract	Final Report 06/2020 Available from CIR
Vanilla Planifolia Fruit Oil	SQ	The Expert Panel for Cosmetic Ingredient Safety concluded the following 7 vanilla-derived ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-sensitizing ...Vanilla Planifolia Fruit Oil	Final Report 06/2020 Available from CIR
Vanilla Planifolia Fruit Water	SQ	The Expert Panel for Cosmetic Ingredient Safety concluded the following 7 vanilla-derived ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-sensitizing ... Vanilla Planifolia Fruit Water	Final Report 06/2020 Available from CIR
Vanilla Planifolia Seed	SQ	The Expert Panel for Cosmetic Ingredient Safety concluded the following 7 vanilla-derived ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-sensitizing ...Vanilla Planifolia Seed	Final Report 06/2020 Available from CIR
Vanilla Planifolia Seed Powder	SQ	The Expert Panel for Cosmetic Ingredient Safety concluded the following 7 vanilla-derived ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-sensitizing ...Vanilla Planifolia Seed Powder	Final Report 06/2020 Available from CIR
Vanilla Tahitensis Fruit Extract	SQ	The Expert Panel for Cosmetic Ingredient Safety concluded the following 7 vanilla-derived ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-sensitizing ...Vanilla Tahitensis Fruit Extract	Final Report 06/2020 Available from CIR
Vanilla Tahitensis Seed	SQ	The Expert Panel for Cosmetic Ingredient Safety concluded the following 7 vanilla-derived ingredients are safe in cosmetics in the present practices of use and concentration described in the safety assessment when formulated to be non-sensitizing ...Vanilla Tahitensis Seed	Final Report 06/2020 Available from CIR
Euterpe Edulis Fruit Extract	S		Final Report 06/2020 Available from CIR
Euterpe Edulis Juice Extract	S		Final Report 06/2020 Available from CIR
Euterpe Oleracea Fruit Extract	S		Final Report 06/2020 Available from CIR
Euterpe Oleracea Juice	S		Final Report 06/2020 Available from CIR
Euterpe Oleracea Palm Heart Extract	S		Final Report 06/2020 Available from CIR
Euterpe Oleracea Pulp Powder	S		Final Report 06/2020 Available from CIR
Euterpe Oleracea Seed Powder	S		Final Report 06/2020 Available from CIR
Hydrolyzed Euterpe Oleracea Fruit	S		Final Report 06/2020 Available from CIR
Honey	S		Final Report 06/2020 Available from CIR
Honey Cocoates	S		Final Report 06/2020 Available from CIR

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Ingredient	Finding†	Conclusion	Citation‡
Honey Extract	S		Final Report 06/2020 Available from CIR
Honey Powder	S		Final Report 06/2020 Available from CIR
Hydrogenated Honey	S		Final Report 06/2020 Available from CIR
Hydrolyzed Honey	S		Final Report 06/2020 Available from CIR
Hydrolyzed Honey Protein	S		Final Report 06/2020 Available from CIR
Vanilla Planifolia Flower Extract	I	The Panel further concluded that the available data are insufficient to make a determination of safety under intended conditions of use in cosmetic formulations for ... Vanilla Planifolia Flower Extract	Final Report 06/2020 Available from CIR
Vanilla Planifolia Leaf Cell Extract	I	The Panel further concluded that the available data are insufficient to make a determination of safety under intended conditions of use in cosmetic formulations for ... Vanilla Planifolia Leaf Cell Extract	Final Report 06/2020 Available from CIR
Theobromine	S		Final Report 12/2018 Available from CIR
Adenosine	S		Final Report 09/2020 Available from CIR
Adenosine Phosphate	S		Final Report 09/2020 Available from CIR
Adenosine Triphosphate	S		Final Report 09/2020 Available from CIR
Disodium Adenosine Phosphate	S		Final Report 09/2020 Available from CIR
Disodium Adenosine Triphosphate	S		Final Report 09/2020 Available from CIR
Ascorbyl Glucoside	S		Final Report 09/2020 Available from CIR
Sodium Ascorbyl Glucoside	S		Final Report 09/2020 Available from CIR
Caprylhydroxamic Acid	S		Final Report 09/2020 Available from CIR
Methylisothiazolinone	SQ	The Expert Panel for Cosmetic Ingredient Safety concluded that Methylisothiazolinone is safe for use in rinse-off cosmetic products at concentrations up to 100 ppm (i.e. 0.01%) and safe in leave-on cosmetic products when they are formulated to be non-sensitizing, which may be determined based on a QRA or similar methodology.	IJT 38(S1):70-84,2019;Final Report 09/2020 Available from CIR
Scutellaria Baicalensis Extract	S		Final Report 09/2020 Available from CIR
Scutellaria Baicalensis Root Extract	I	The Panel also concluded that the available data are insufficient to make a determination that Scutellaria Baicalensis Root Extract is safe under the intended conditions of use in cosmetic	Final Report 09/2020 Available from CIR
Scutellaria Baicalensis Root Powder	S		Final Report 09/2020 Available from CIR
Scutellaria Baicalensis Sprout Extract	I	The Panel also concluded that the available data are insufficient to make a determination that Scutellaria Baicalensis Sprout Extract is safe under the intended conditions of use in cosmetic formulations.	Final Report 09/2020 Available from CIR

†S - safe in the present practices of use and concentration SQ - safe for use in cosmetics, with qualifications I - the available data are insufficient to support safety Z - the available data are insufficient to support safety, but the ingredient is not used U - the ingredient is unsafe for use in cosmetics UNS - ingredients for which the data are insufficient and their use in cosmetics is not supported

‡ Please consider the most recent findings only. Previous citations are only offered for reference purposes. Ingredient information also available at <https://cir-safety.org/ingredients>.