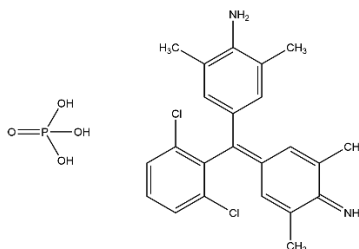


## **2023 Final Priorities Groupings for New Reports**

### **2023 Reports – per cause**

#### **HC Blue No. 15 – proposed PCPC Hair Color Technical Committee(HCTC)**

**FOU = 22**



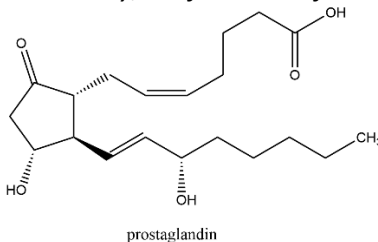
**Reported Function:** Hair Colorant

**Notes:** Since FOU might not be a very accurate surrogate for exposure, with regard to hair dyes, the PCPC HCTC proposes one hair dye ingredient annually for Panel review. The HCTC typically submits a proposed hair dye ingredient between the 1<sup>st</sup> and 2<sup>nd</sup> meetings of the year.

**Grouping:** None

#### **Prostaglandins analogs – e.g., Isopropyl Cloprostenate FOU = 3**

– Alert from Dr. Belsito about SCCS activity; conformation from FDA about cosmetic use



**Reported Functions:** Hair Conditioning Agents; Eyelash Conditioning Agents; Nail Conditioning Agents; Antimicrobial Agents; Antioxidants; Skin-Conditioning Agents - Miscellaneous

**Notes:** These are prostaglandin analogs that might be in use as cosmetic ingredients, despite more common usage as drugs.

**Grouping: (2 ingredients proposed with a total FOU = 3)**

Isopropyl Cloprostenate

Ethyl Tafluprostamide

**FOU**

3

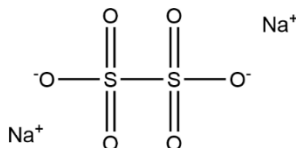
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## **2023 Reports – per FOU**

### **Sodium Hydrosulfite**

**FOU = 246**

**Definition:** Sodium Hydrosulfite is the inorganic salt that conforms to the formula  $\text{Na}_2\text{S}_2\text{O}_4$ .



**Reported Function:** Reducing Agents

**Grouping:** None

### **Pelargonium Graveolens Flower Oil**

**FOU = 236**

**Definition:** Pelargonium Graveolens Flower Oil is the volatile oil obtained from the flowers of *Pelargonium graveolens*.



**Reported Functions:** Fragrance Ingredients; Skin-Conditioning Agents - Miscellaneous

**Notes:** (CAS Nos. 90082-51-2 (generic) and 8000-46-2) Pelargonium Graveolens Oil (FOU 179), Pelargonium Graveolens Leaf Oil (FOU 13), and Pelargonium Graveolens Flower/Leaf/Stem Water (FOU 9) are fragrance only ingredients.

**Grouping:** (5 ingredients proposed with a total FOU = 294)

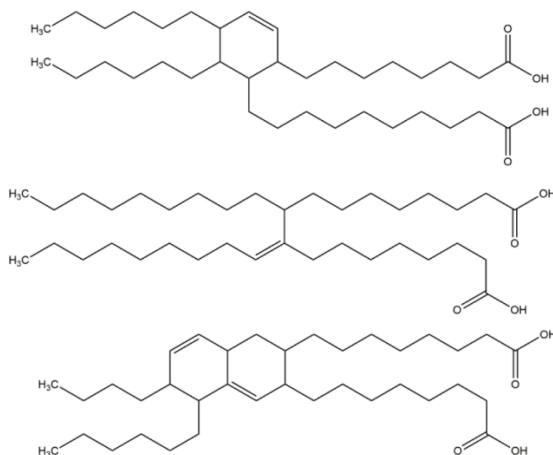
	<b><u>FOU</u></b>
<i>Pelargonium Graveolens Flower Oil</i>	236
<i>Pelargonium Graveolens Extract</i>	49
<i>Pelargonium Graveolens Flower Water</i>	4
<i>Pelargonium Graveolens Flower Extract</i>	3
<i>Pelargonium Graveolens Leaf Extract (VCRP name only)</i>	2

## Phytosteryl/Isostearyl/Cetyl/Stearyl/Behenyl

FOU = 234

### Dimer Dilinoleate

**Definition:** Phytosteryl/Isostearyl/Cetyl/Stearyl/Behenyl Dimer Dilinoleate is the ester of Dilinoleic Acid with a mixture of Phytosterols, Isostearyl Alcohol, Cetyl Alcohol, Stearyl Alcohol, and Behenyl Alcohol.



wherein the carboxylic acid functional groups are esterified with Phytosteryl, Isostearyl, Cetyl, Stearyl, and/or Behenyl chains.

**Reported Functions:** Hair Conditioning Agents; Skin-Conditioning Agents - Occlusive; Viscosity Increasing Agents – Nonaqueous

**Notes:** Final Amended Safety Assessment of Dialkyl Dimer Dilinoleates as Used in Cosmetics finalized in 2018 with a safe as used conclusion for all 8 ingredients therein. Final assessment on Diisostearyl Polyglyceryl-3 Dimer Dilinoleate finalized in 2016 with a safe when formulated to be non-irritating conclusion.

**Grouping: (7 ingredients proposed with a total FOU = 398)**

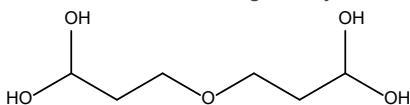
	<b><u>FOU</u></b>
Phytosteryl/Isostearyl/Cetyl/Stearyl/Behenyl Dimer Dilinoleate	234
Bis-Behenyl/Isostearyl/Phytosteryl Dimer Dilinoleyl Dimer Dilinoleate	82
Stearyl/PPG-3 Myristyl Ether Dimer Dilinoleate	33
Dimer Dilinoleyl Dimer Dilinoleate	23
Bis-Behenyl/Phytosteryl Dimer Dilinoleate	19
Phytosteryl Isostearyl Dimer Dilinoleate	6
Octyldodecyl/PPG-3 Myristyl Ether Dimer Dilinoleate	1

## Diglycerin & Polyglycerin-3

FOU = 211

FOU = 208

**Definition:** Diglycerin is a dimer of Glycerin. Dimerization (and resultant connectivity) can occur at any of the alcohol groups (although less substituted alcohols are energetically favored (i.e., primary > secondary >> tertiary).



**Reported Functions:** Humectants; Skin-Conditioning Agents - Humectant

**Notes:** (CAS No. 59113-36-9) Polyglycerin-3 is essentially "triglycerin."

**Grouping:** (4 ingredients proposed with a total FOU = 451)

Diglycerin

Polyglycerin-3

Polyglycerin-10

Polyglycerin-6

**FOU**

211

208

29

3

## Sigesbeckia Orientalis Extract

FOU = 202

**Definition:** Sigesbeckia Orientalis Extract is the extract of *Sigesbeckia orientalis*.



**Reported Functions:** Skin-Conditioning Agents - Miscellaneous

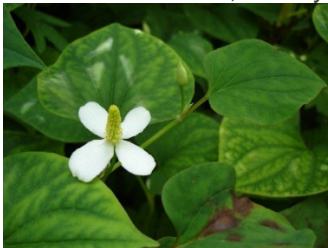
**Notes:** VCRP name is "*Sigesbeckia Orientalis* (Eastern St. Paul's Wort) Extract"

**Grouping:** None

## Houttuynia Cordata Extract

FOU = 201

**Definition:** Houttuynia Cordata Extract is the extract of the herb, *Houttuynia cordata*.



**Reported Functions:** Skin-Conditioning Agents - Miscellaneous

**Notes:** (CAS No. 164288-50-0)

**Grouping: (2 ingredients proposed with a total FOU = 203)**

Houttuynia Cordata Extract

Houttuynia Cordata Powder

**FOU**

201

2

## Malva Sylvestris (Mallow) Extract

FOU = 198

**Definition:** Malva Sylvestris (Mallow) Extract is the extract of the whole plant, *Malva sylvestris*.



**Reported Functions:** Skin-Conditioning Agents - Miscellaneous

**Notes:** Related to *Althaea officinalis* or marshmallow.

**Grouping: (8 ingredients proposed with a total FOU = 287)**

Malva Sylvestris (Mallow) Extract

Malva Sylvestris (Mallow) Flower Extract

Malva Sylvestris (Mallow) Flower/Leaf/Stem Extract

Malva Sylvestris (Mallow) Flower/Leaf Extract

Malva Sylvestris (Mallow) Leaf Extract

Malva Sylvestris (Mallow) Oil (VCRP name only)

Malva Sylvestris (Mallow) Leaf Powder

Malva Sylvestris (Mallow) Flower

**FOU**

198

72

5

4

4

2

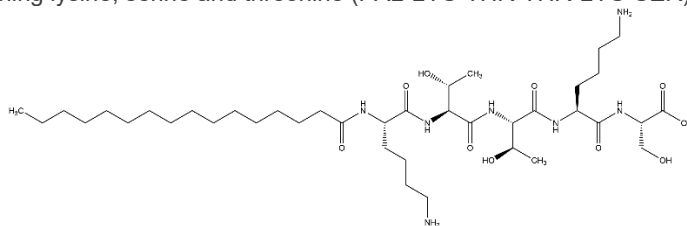
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1

## Palmitoyl Pentapeptide-4

FOU = 198

**Definition:** Palmitoyl Pentapeptide-4 is the reaction product of palmitic acid and Pentapeptide-4. Pentapeptide-4 is a synthetic peptide containing lysine, serine and threonine (PAL-LYS-THR-THR-LYS-SER).



**Reported Functions:** Skin-Conditioning Agents - Miscellaneous

**Notes:** (CAS Nos. 214047-00-4 & 521091-64-5) the 3 proposed ingredients all share the same peptide sequence

**Grouping:** (3 ingredients proposed with a total FOU = 202)

Palmitoyl Pentapeptide-4

Pentapeptide-4

Myristoyl Pentapeptide-4

**FOU**

198

1

3

## Salix Alba (Willow) Bark Extract

FOU = 197

**Definition:** Salix Alba (Willow) Bark Extract is the extract of the bark of *Salix alba*.



**Reported Functions:** Hair Conditioning Agents; Skin-Conditioning Agents - Occlusive

**Notes:** (CAS No. 84082-82-6) Willow tree

**Grouping:** (2 ingredients proposed with a total FOU = 238)

Salix Alba (Willow) Bark Extract

Salix Alba (Willow) Leaf Extract

**FOU**

197

41

## Centaurea Cyanus Flower Extract

FOU = 196

**Definition:** Centaurea Cyanus Flower Extract is the extract of the flowers of the cornflower, *Centaurea cyanus*.



**Reported Functions:** Cosmetic Astringents; Skin-Conditioning Agents - Miscellaneous

**Notes:** (CAS No. 84012-18-0) "Cornflower"

**Grouping:** (3 ingredients proposed with a total FOU = 265)

	<u>FOU</u>
Centaurea Cyanus Flower Extract	196
Centaurea Cyanus Flower Water	68
Centaurea Cyanus Flower Petals (VCRP name only)	1

## Lactobacillus Ferment

FOU = 196

**Definition:** Lactobacillus Ferment is the product obtained through fermentation by the microorganism, *Lactobacillus*.

**Reported Functions:** Not Reported

**Notes:** (CAS No. 2380025-37-4 (generic)) Probiotics?

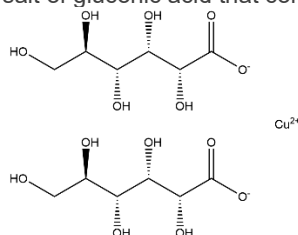
**Grouping:** (4 ingredients proposed with a total FOU = 213)

	<u>FOU</u>
Lactobacillus Ferment	196
Lactobacillus Ferment Lysate	8
Lactobacillus Ferment Lysate Filtrate	6
Lactobacillus Ferment Filtrate	3

## Copper Gluconate

FOU = 192

**Definition:** Copper Gluconate is the copper salt of gluconic acid that conforms to the formula:



**Reported Function:** Skin-Conditioning Agents – Miscellaneous

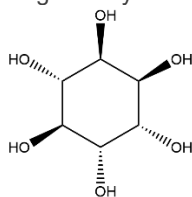
**Notes:** (CAS No. 527-09-3)

**Grouping:** None

## Inositol

FOU = 190

**Definition:** Inositol is the cyclic polyol that conforms generally to the formula:



**Reported Function:** Hair Conditioning Agents; Humectants

**Notes:** (CAS Nos. 643-12-9 & 87-89-8)

**Grouping:** None

## Paeonia Suffruticosa Root Extract

FOU = 189

**Definition:** Paeonia Suffruticosa Root Extract is the extract of the roots of *Paeonia suffruticosa*.



**Reported Functions:** Skin-Conditioning Agents - Miscellaneous

**Notes:** (CAS No. 223747-88-4 (generic))

**Grouping:** (5 ingredients proposed with a total FOU = 216)

*Paeonia Suffruticosa* Root Extract

*Paeonia Suffruticosa* Extract

*Paeonia Suffruticosa* Bark Extract

*Paeonia Suffruticosa* Seed Oil

*Paeonia Suffruticosa* (Tree Peony) Root Bark Extract (VCRP name only)

**FOU**

189

13

7

5

2



## Nelumbo Nucifera Flower Extract

FOU = 182

**Definition:** Nelumbo Nucifera Flower Extract is the extract of the flower of *Nelumbo nucifera*.



**Reported Functions:** Skin-Conditioning Agents - Miscellaneous

**Notes:** (CAS No. 85085-51-4 (generic)) "Lotus"

**Grouping: (13 ingredients proposed with a total FOU = 285)**

	<u>FOU</u>
<i>Nelumbo Nucifera Flower Extract</i>	182
<i>Nelumbo Nucifera Seed Extract</i>	26
<i>Nelumbo Nucifera Leaf Extract</i>	17
<i>Nelumbo Nucifera Root Extract</i>	16
<i>Nelumbo Nucifera Flower Water</i>	14
<i>Nelumbo Nucifera Flower Oil (VCRP name only)</i>	9
<i>Nelumbo Nucifera Callus Culture Extract</i>	7
<i>Nelumbo Nucifera Germ Extract</i>	8
<i>Nelumbo Nucifera Extract</i>	2
<i>Nelumbo Nucifera Stamen Extract</i>	1
<i>Nelumbo Nucifera Flower/Leaf/Stem Juice</i>	1
<i>Nelumbo Nucifera Seed Powder</i>	1
<i>Nelumbo Nucifera Root Water</i>	1