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Memorandum

To: Expert Panel for Cosmetic Ingredient Safety Members and Liaisons
From: Monice M. Fiume *MMF*
Senior Director, CIR
Date: May 23, 2022
Subject: Use Table format

For the past 10+ years, CIR reports have included Use Tables that comprise a format in which the frequency and concentration of use for each ingredient is summarized by duration (e.g., leave-on, rinse-off) and type (e.g., eye area, incidental inhalation, etc.) of exposure. The product use categories each ingredient is ascribed to, as reported in the VCRP and as a result of the Council survey, are used to develop the table, as described on the CIR website (<https://www.cir-safety.org/cir-findings>). Although Use Tables are included in every report, an example is included with this memo for ease of reference (*currentformat_UseTable_062022*).

When CIR staff developed the current format, it was done to assist the Panel's review of use of each ingredient. Prior to that development, the safety assessments often included a very large number of ingredients, with all product categories that were in use identified, and consequently, review of the Use Tables could be cumbersome. Therefore, a summarized format was developed. Also at that time, the duration, route, and areas of exposure were more discernable. However, it is becoming readily apparent that is no longer true. For example, shampoos, which were assumed to be liquid rinse-off formulations, can now be spray leave-on formulations. Nevertheless, the only information available via the VCRP product categories is the generic designation "shampoo."

Because CIR reports now tend to include a much smaller number of ingredients, and because of the uncertainty as to how an ingredient is being used, ***CIR is asking the Panel if it is their preference to utilize a different format for the Use Table.*** The proposal being put forth is a Use Table that identifies each product category that has reported frequency and concentration of use data, much like what was done in the past (*proposedformat_UseTable_062022*).

Please be prepared to discuss your preference, as well as any other suggestions that you may have regarding Use Tables.

Table x. Frequency (2022) and concentration (2021) of use according to duration and exposure

	# of Uses	Max Conc of Use (%)	# of Uses	Max Conc of Use (%)	# of Uses	Max Conc of Use (%)
	Phytosteryl/Behenyl/Octyldodecyl Lauroyl Glutamate		Phytosteryl/Behenyl/Octyldodecyl/Isostearyl Lauroyl Glutamate		Phytosteryl/Octyldodecyl Lauroyl Glutamate	
Totals*	25	NR	1	0.00028-25.6	325	0.005-25
<i>Duration of Use</i>						
<i>Leave-On</i>	25	NR	1	0.03-25.6	311	0.01-25
<i>Rinse-Off</i>	NR	NR	NR	0.00028-1	14	0.005-2
<i>Diluted for (Bath) Use</i>	NR	NR	NR	NR	NR	NR
<i>Exposure Type</i>						
Eye Area	4	NR	NR	1-8.6	26	0.1-12
Incidental Ingestion	1	NR	1	0.1-7	133	1-25
Incidental Inhalation-Spray	4 ^a ;4 ^b	NR	NR	0.2 ^a	1; 94 ^a ; 40 ^b	0.1-2 ^a
Incidental Inhalation-Powder	4 ^b	NR	NR	1; 0.03-5 ^c	40 ^b	5; 0.01-8 ^c
Dermal Contact	24	NR	NR	0.00028-25.6	178	0.005-25
Deodorant (underarm)	NR	NR	NR	NR	NR	not spray: 0.1 spray: 0.1
Hair - Non-Coloring	NR	NR	NR	0.2	13	0.1-2
Hair-Coloring	NR	NR	NR	NR	NR	NR
Nail	NR	NR	NR	NR	1	NR
Mucous Membrane	1	NR	1	0.1-7	133	0.005-25
Baby Products	NR	NR	NR	NR	NR	0.3

NR = Not Reported

* Because each ingredient may be used in cosmetics with multiple exposure types, the sum of all exposure types may not equal the sum of total uses.

^a It is possible that these products may be sprays, but it is not specified whether the reported uses are sprays

^b Not specified these products are sprays or powders, but it is possible the use can be as a spray or powder, therefore the information is captured in both categories

^c It is possible that these products may be powders, but it is not specified whether the reported uses are powders

Table #. Frequency (2022) an concentration (2021) of use by product category

Product Category	# of uses	Max conc of use (%)
Phytosteryl/Behenyl/Octyldodecyl Lauroyl Glutamate		
Eye Lotion	4	-
Lipstick	1	-
Rouges	12	-
Face and Neck Preparations (including shave)	4	-
Moisturizing Preparations	2	-
Night Preparations	2	-
Totals	25	NR
Phytosteryl/Behenyl/Octyldodecyl/Isostearyl Lauroyl Glutamate		
Eye Shadow	-	8.6
Eye Lotion	-	1
Tonics, Dressings, and Other Hair Grooming Aids	-	0.2
Blushers	-	7.3
Face Powders	-	1
Foundations	-	1
Lipstick	1	0.1-7
Rouges	-	25.6
Other Makeup Preparations	-	0.42
Skin Cleansing (cold creams, cleansing lotions, liquids, and pads)	-	0.00028-1
Face and Neck Preparations (excluding shave)	-	0.03-5 (not spray)
Moisturizing Preparations	-	0.5 (not spray)
Other Skin Care Preparations	-	0.5
Totals	1	0.00028-25.6
Phytosteryl/Octyldodecyl Lauroyl Glutamate		
Baby Lotions, Oils, Powders, and Creams	-	0.3 (not powder)
Eyeliner	-	7.5
Eye Shadow	14	12
Eye Lotion	5	2.5
Eye Makeup Remover	1	-
Other Eye Makeup Preparations	6	0.1-4.2
Hair Conditioner	3	0.1-0.7
Hair Spray (aerosol fixative)	1	-
Rinses (non-coloring)	1	-
Shampoos (non-coloring)	2	-
Tonics, Dressings, and Other Hair Grooming Aids	5	0.7-2
Other Hair Preparations	1	-
Blushers (all types)	-	5.4
Face Powders	-	5
Foundations	12	2.2-3.1
Lipstick	133	1-251
Makeup Bases	-	1
Rouges	1	25
Other Makeup Preparations	3	1
Other Manicuring Preparations	1	-
Bath Soaps and Detergents	-	0.005
Deodorants (underarm)	-	0.1 (not spray) 0.1 (aerosol)
Skin Cleansing Preparations	5	1-2
Face and Neck Preparations (excluding shave)	30	0.3-8 (not spray)
Body and Hand Preparations (excluding shave)	10	0.01-1 (not spray)
Moisturizing Preparations	80	0.1-0.5 (not spray)
Night Preparations	3	1 (not spray)
Paste Masks (mud packs)	2	0.1
Skin Fresheners	-	0.1-0.5
Other Skin Care Preparations	6	0.1-2
Totals	325	0.005-25