

## SCIENTIFIC COMMITTEE ON CONSUMER PRODUCT (SCCP)

### **Request for a scientific opinion:   Fragrances Citral (CAS 5392-40-5), Farnesol (CAS 4602-84-0) and Phenylacetaldehyde (CAS 122-78-1) Submission I**

#### **1.     Background**

Submission I on Citral (CAS 5392-40-5), Farnesol (CAS 4602-84-0) and Phenylacetaldehyde (CAS 122-78-1) is part of the fragrance issue.

SCCNFP<sup>1</sup>/SCCP was asked, whether they agree to include all IFRA<sup>2</sup> restricted materials in the Annex III (list of substances which cosmetic products must not contain except subject to restrictions and conditions laid down) of the Cosmetic Directive. To that end EFFA<sup>3</sup> was asked to submit safety files concerning the sensitising properties.

The restrictions for the substances citral, farnesol and phenylacetaldehyde are set in the IFRA standards 40<sup>th</sup> amendment.

The proposed concentration limits for the above mentioned substances are given in the submission of the standards. The limitation in the finished cosmetic products differs with products category. 11 different categories exist whereas category 1-9 concern cosmetic products. The description of the categories has to be found in the QRA booklet.

Citral is currently regulated for labelling purposes in Annex III, 70, when present in a concentration above 10ppm for leave-on products and above 100ppm for rinse-off products. The IFRA restrictions for Citral, currently given in the Inventory part II, are: *"Only in conjunction with 25% its weight of D-limonene or mixed with citrus terpenes or  $\alpha$ -pinene."*

Farnesol is currently regulated for labelling purposes in Annex III, 82, when present in a concentration above 10ppm for leave-on products and above 100ppm for rinse-off products. No IFRA restrictions for this substance are currently given in the Inventory.

For Phenylacetaldehyde, the IFRA restrictions currently given in the Inventory part II, is: *"Only in conjunction with an equal weight phenethyl alcohol or dipropylene glycol or other substances preventing sensitization."*

This submission is the first evaluation of fragrances following the exposure-based quantitative risk assessment methodology (QRA).

To facilitate the work DG ENTR has prepared the schema below which shows the concentrations limits of the substances in the individual product categories, proposed by the EFFA

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<sup>1</sup> The Scientific Committee on Cosmetic Products and Non-Food Products intended for Consumers, the predecessor of the current SCCP.

<sup>2</sup> IFRA – International Fragrance Association

<sup>3</sup> EFFA - The European Flavour and Fragrance Association

	Product types relevant for cosmetic	Citral	Farnesol	Phenylacet_aldehyde
Category 1~ Lip products Toys Insect repellent	Lip products	0.04%	0.08%	0.02%
Category 2~ Deodorant and Antiperspirant	Deodorant and Antiperspirant	0.05%	0.11%	0.02%
Category 3~ Hydroalcoholic products for shaved skin Eye products of all types Men's facial creams, Balms, wipes, Refreshing tissues Tampons	Hydroalcoholic products for shaved skin Eye products of all types Men's facial creams	0.2%	0.4%	0.09%
Category 4~ Hydroalcoholic products for unshaved skin Hair styling aids Body creams Ingredients of perfume Fragrance Compounds Scent strips for hydroalcohol products Foot care products Hair deodorant	Hydroalcoholic products for unshaved skin Hair styling aids Body creams Ingredients of perfume Fragrance Compounds Foot care products Hair deodorant	0.6%	1.2%	0.3%
Category 5~ Women's facial creams Hand creams Facial masks	Women's facial creams Hand creams Facial masks	0.3%	0.6%	0.1%
Category 6~ Mouthwash Toothpaste	Mouthwash Toothpaste	1.0%	2.0%	0.6%
Category 7 Intimate wipes Baby wipes	-	0.1%	0.2%	0.04%
Category 8~ Make-up removers (except face cleansers) Hair styling aids non-spray Nail care Powders and talcs	Make-up removers (except face cleansers) Hair styling aids non-spray Nail care Powders and talcs	1.4%	2.0%	0.6%

Category 9~ Conditioner( rinse-off) Liquid soap Shampoos Face cleansers Shaving creams Depilatory Body washes Bar soap Feminine Hygiene – Pads Feminine Hygiene – Liners Bath Gels Other Aerosols	Conditioner( rinse-off) Liquid soap Shampoos Face cleansers Shaving creams Depilatory Body washes Bar soap Feminine Hygiene – Pads Feminine Hygiene – Liners Bath Gels	5.0%	5.0%	3.0%
Category 10~ Handwash Laundry Detergents of all types Fabric softeners Other Household Cleaning products Machine Wash Laundry Detergents Hand Dishwashing Detergent Hard surface Cleaners Diapers Shampoos for Pets Dry Cleaning Kits	-	2.5%	2.5%	2.5%
Category 11~ All non-skin contact or incidental skin contact Candles etc.	-			

## 2. Terms of reference

1. *Does SCCP consider citral, farnesol and phenylacetaldehyde safe for consumers when used in cosmetic products in the concentrations mentioned above, taken into account the scientific data provided?*
2. *Does the SCCP see any other safety concerns with regard to the use of citral, farnesol and phenylacetaldehyde in cosmetic products?*