

SCIENTIFIC COMMITTEE ON CONSUMER PRODUCT (SCCP)

Request for a scientific opinion: Cyclomethicone (CAS 556-67-2) (D4). Submission III

1. Background

Cyclomethicone (CAS 556-67-2) with the chemical name Octamethylcyclotetrasiloxane has the following functions: antistatic, emollient, humectant, solvent, viscosity controlling and hair conditioning in cosmetic products according to the Inventory

Cyclomethicone is a substance classified as toxic to reproduction category 3 and according to the cosmetic directive 2003/15/EC a safety evaluation for its use in cosmetic products is needed.

SCCP concluded in its opinion (SCCP/0893/05) adopted during the 6th plenary meeting of 13 December 2005 that *"On the basis of provided data, the SCCP is unable to assess the risk to consumers when Octamethylcyclotetrasiloxane (D4) is used in cosmetic products. Despite the size of the dossier submitted by industry for evaluation, it is unfortunate that the dossier lacked meaningful information/data on actual consumer exposure to D4. The following information is required before any further consideration:*

- * Adequate information on the use of D4 in cosmetics in particular in different cosmetic products;*
- * relevant/appropriate percutaneous absorption studies at different use concentrations;*
- * Information on the co-use, and hence consumer exposure, of related organosiloxanes, in particular decamethylcyclopentasiloxane (D5). "*

The current submission provides the data asked for by SCCP.

2. Terms of reference

- 1. On the basis of the provided data the SCCP is asked to assess the risk to consumers when octamethylcyclotetrasiloxane is used in cosmetic products.*
- 2. Does the SCCP recommend any further restrictions with regard to its use in cosmetic products?*