Request for a scientific opinion on the hair dye Dihydroxyacetone (DHA) - CAS No. 96-26-4, EC. No 202-494-5). Submission I.

Commission Department requesting the Opinion: Directorate-General for Internal Market, Industry, Entrepreneurship and SMEs

1. Background

Dihydroxyacetone (DHA) with the chemical name 1,3-Dihydroxy-2-propanone (CAS No. 96-26-4, EC. No 202-494-5) is a cosmetic ingredient with the reported functions of skin conditioning, reducing and tanning. Currently DHA is not regulated under the Cosmetic Regulation (EC) No. 1223/2009.

In 2008, Commission' services received a dossier from industry to support the safe use of DHA in cosmetic products. In its corresponding opinion, SCCS/1347/10, the SCCS concluded that “Based upon the available data, the SCCS is of the opinion that the use of Dihydroxyacetone as a self-tanning ingredient in cosmetic formulations up to 10% will not pose a risk to the health of the consumer.” In addition, the SCCS “considers that the use of Dihydroxyacetone as a self-tanning ingredient in spray cabins up to 14% will not pose a risk to the health of the consumer”.

With the current submission, received in May 2019, the applicant requests to assess the safety of DHA intended to be used as hair colouring ingredient in leave-on applications up to a maximum concentration of 6.25 %.

2. Terms of reference

(1) In light of the data provided, does the SCCS consider Dihydroxyacetone safe when used as hair colouring ingredient in leave-on applications up to a maximum concentration of 6.25 %?

(2) Does the SCCS have any further scientific concerns with regard to the use of Dihydroxyacetone in cosmetic products?

3. Deadline: March 2020
4. **Supporting documents:**

- Submission I to the Scientific Committee on Consumer Products: Dihydroxyacetone. Cosmetics Europe. Received in May 2019
- Folder References.zip

The SCCS approved this mandate at plenary meeting on 20-21 June 2019.