## SCIENTIFIC COMMITTEE ON CONSUMER SAFETY (SCCS)

Request for a scientific opinion: 4-Formyl-1-methylquinolinium, 4-

methylbenzenesulfonic acid salt (1:1) (CAS No

223398-02-5; EC No 453-790-8) (A157)

## 1. Background

Submission I for 4-Formyl-1-methyl quinolinium, salt with 4-methylbenzenesulfonic acid salt (1:1) was submitted in December 1979 by COLIPA<sup>1</sup> according to COLIPA.

The first scientific opinion (SCCP/0923/05) was adopted 13 December 2005 by the Scientific Committee on Consumer Products (SCCP) with the conclusion:

"Quinolinium, 4-formyl-1-methyl-, salt with 4-methylbenzenesulfonic acid (1:1) has been evaluated as a hair dye. The SCCP is of the opinion that the information submitted is insufficient to assess the safe use of the substance.

Before any further consideration, the following information is required:

- data on the stability of Quinolinium, 4-formyl-1-methyl-, salt with 4-methylbenzenesulfonic acid (1:1) in typical hair dye formulations should be provided, and
- -studies on genotoxicity/mutagenicity in finished hair dye formulations should be undertaken following the relevant SCCNFP opinions and in accordance with its Notes of Guidance

Quinolinium, 4-formyl-1-methyl-, salt with 4-methylbenzenesulfonic acid (1:1) has no EINECS or ELINCS number."

The current submission III is a response to the above mentioned opinion from 2005.

## 2. Terms of reference

- 1. Does SCCS consider Quinolinium, 4-formyl-1-methyl-, salt with 4-methylbenzenesulfonic acid (1:1) safe for use as an oxidative hair dyes (used in the absence or presence of hydrogen peroxide) with a maximum on-head concentration up to 2.5 % taken into account the scientific data provided?
- 2. And/or does the SCCS have any scientific concern with regard to the use of Quinolinium, 4-formyl-1-methyl-, salt with 4-methylbenzenesulfonic acid (1:1) in oxidative hair dye formulations?

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<sup>&</sup>lt;sup>1</sup> COLIPA – The European Cosmetics Association