

SCIENTIFIC COMMITTEE ON CONSUMER PRODUCT (SCCP)

Request for a scientific opinion: Hair dye 2-Chloro-*p*-phenylenediamine and its salts (CAS 615-66-7) submission II (A008)

1. Background

Submission I for 2-chloro-*p*-Phenylenediamine was submitted in August 1980 by COLIPA¹ according to COLIPA.

The Scientific Committee on Cosmetology adopted an opinion for this substance at its 48th plenary meeting of 4 October 1991 with the conclusion: "*The SCC requires a percutaneous absorption study, a 90 days repeated oral administration study and a study to determine the induction of UDS or DNA damage in the liver of rats treated in vivo. Classification: C*"

The current submission II for 2-chloro-*p*-phenylenediamine was submitted in November 2006. According to this submission 2-chloro-*p*-phenylenediamine and its sulphate and hydrochloride salts is used in oxidative hair dye formulations for eyebrows and eyelashes in a maximum concentration of 4.6%. Prior to use in is mixed with a 3% hydrogen peroxide solution in a ratio 1:1.

2. Terms of reference

1. *Does SCCP consider 2-chloro-*p*-Phenylenediamine safe for use as oxidative hair dye for eyebrows and eyelashes in a concentration of maximum 4.6 % taken into account the scientific data provided?*
2. *And/or does the SCCP recommend any further restrictions with regard to the use of 2-chloro-*p*-Phenylenediamine in any hair dye formulations for eyebrows and eyelashes?*

¹ COLIPA - European Cosmetics Toiletry and Perfumery Association