Selvestrel et al.:

SpheraCosmolife: A New Tool for the Risk Assessment of Cosmetic Products

Supplementary Data

Tab. S1: Threshold of Toxicological Concern (TTC) according to the Cramer classes

Cramer class	TTC (μg/person/day)	TTC (μg/kg bw/day)
I	1800	30
II	540	9.0
Ш	90	1.5

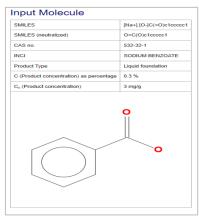


Fig. S1: Example of the first part of the specific report (e.g., sodium benzoate)

Retrieved parameters for	or the product	type
Values retrived from: The SCCS note	s of guidance for the	testing of cosmetic ingredients and their safety evaluation - 10th revision
E _{product-rel} (Relative daily exposure)	7.9 mg/kg bw/day	
A (Surface area involved)	565 cm ²	
Type of exposure	Leave-on	
T _{exp} (Time of exposure)	24 h	
1. Annex lists		
Data are based on the annexes list u	odated on November.	27th 2019.
Molecules found in the annex lists: 1		
Found molecule no. 1		
CAS	532-32-1	
INCI	SOOIUM BENZOATE	
Found in annex	ANNEX V. LIST OF PRESERVATIVES ALLOWED IN COSMETIC PRODUCTS	
Annex details	ANNEX V. Reference Number: 1 ANNEX V. Product type, body part: a) Rinse-off products, except oral products b) Oral products c) Leave-on products ANNEX V. Product type, body part: a) Rinse-off products, except oral products b) Oral products c) Leave-on products ANNEX V. MOXE Concentration in ready for use preparation: a) 2.5 % (acid) b) 1.7 % (acid) c) 0.5 % (acid) ANNEX V. MOXE S-0532001 - Opinion on Benzoic Acid and Sodium Benzoate > 0691/05 - Opinion on Benzoic Acid and Sodium Benzoate > 0125/99 - Opinion concerning Restrictions on Materials listed in annex VI of Directive 76/760/EEC on Cosmetic Products	
Found Safer Chemicals classification	Green [Circle]	
Safer Chemicals details	Safer functional use: Preservatives-antioxidants	
Found in CLP list	No	

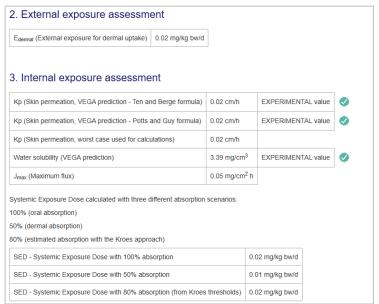


Fig. S2: Information about exposure (e.g., sodium benzoate)

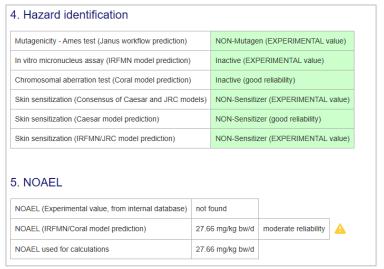


Fig. S3: Information about hazard (e.g., sodium benzoate)