

| FS Section | Content field | Explanation of content |
|---|--|---|
| 1. Title | 1.1 Title of SPERC: | Widespread use in cosmetic products (wash-off) for consumers and professional workers |
| | 1.2 SPERC code: | Cosmetics Europe SPERC 8a.1.a.v3 |
| 2. Scope | 2.1 Substance/Product Domain | |
| | Substance types / functions / properties included or excluded: | Solid and liquid substances in cosmetic hair, skin and oral cavity care products (wash-off). Highly volatile propellant substances with boiling point $\leq 100^{\circ}\text{C}$ are beyond scope (see CE SPERC 8a.1.b). |
| | Additional specification of product types covered: | Comprises cleaning products, liquid care and styling products for skin, hair, face, hands or feet, alcohol-borne solutions, creams, products based on oils, grease, wax and other non-water-soluble substances, soaps and syndets, powders. Covers wash-off products for use by consumers and professional workers. Fractions of products which may be released at places without connection to a municipal sewage treatment plant (e.g. sunscreen products) are beyond scope of this Cosmetics Europe SPERC. |
| | Inclusion of sub-SPERCs: | n |
| | 2.2 Process domain | |
| | Description of activities/processes: | Widespread use by consumers and professional workers. Product application by e.g. hand, dispenser, pump (air spray) or tool (e.g. brush, spatula) |
| | 2.3 List of applicable UD's | |
| | LCS: | PW + C |
| | SU: | 0 |
| | PC: | 28, 39 |
| 3. Operational conditions (including information on technical strategies to achieve high raw material efficiency) | 3.1 Conditions of use | |
| | Location of use: | indoor |
| | Water contact during use: | y |
| | Connected to a standard municipal biological STP: | y |
| | Rigorously contained system with minimisation of release to the environment: | n |
| | Further operational conditions impacting on releases to the environment: | Wash-off products are removed by the application of water leading to production of waste-water down-the-drain. |
| | 3.2 Waste Handling and Disposal | |
| | Waste Handling and Disposal: | Emptied packages may be collected separately for material or thermal recycling or are discarded via household waste. Containers with high amount of product residues are discarded via household waste. |
| 4. Obligatory RMMs onsite | RMM limiting release to air: | none |
| | RMM Efficiency (air): | n/a |
| | Reference for RMM Efficiency (air): | n/a |
| | RMM limiting release to water: | none |
| | RMM Efficiency (water): | n/a |
| | Reference for RMM Efficiency (water): | n/a |
| | RMM limiting release to soil: | none |
| | RMM Efficiency (soil): | n/a |
| | Reference for RMM Efficiency (soil): | n/a |
| 5. Exposure Assessment Input | 5.1 Substance use rate | |
| | Amount of substance use per day: | to be assessed by registrant |
| | Fraction of EU tonnage used in region: | 0.053 |

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| | Fraction of Regional tonnage used locally ¹ : | 0.00075 |
| | Justification / information source: | cf. CE Background document on widespread use |
| | 5.2 Days emitting | |
| | Number of emission days per year: | 365 |
| | Justification / information source: | EChA Guidance on information requirements R.16: Environmental exposure assessment |
| | 5.3 Release factors | |
| | sub-SPERC identifier: | n/a |
| | ERC: | 8a |
| | sub-SPERC applicability: | n/a |
| | 5.3.1 Release Factor – air | |
| | Numeric value / percent of input amount (Air): | 0% |
| | Justification of RFs (Air): | cf. CE Background document on widespread use |
| | 5.3.2 Release Factor – water | |
| | Numeric value / percent of input amount (Water): | 100% |
| | Justification of RFs (Water): | cf. CE Background document on widespread use |
| | 5.3.3 Release Factor – soil | |
| | Numeric value / percent of input amount (Soil): | 0% |
| | Justification of RFs (Soil): | cf. CE Background document on widespread use |
| | 5.3.4 Release Factor – waste | |
| | Percent of input amount disposed as waste: | 1-5% |
| | Justification of RFs: | cf. CE Background document on widespread use |
| References to SPERC Background Document ² | | |
| | Reference to Background Document | Cosmetics Europe - The Personal Care Association A.I.S.B.L. Specific Environmental Release Categories (SPERCs) for the widespread use of cosmetic products by consumers and professional workers (ERC 8a) - Background Document (2022) |

¹ note that in CHESAR the field “fraction of regional tonnage used locally” is expressed as a daily fraction (i.e. divided by 365d/a).

² The objective of this factsheet is to summarize the SPERC key facts provided in the corresponding SPERC background documents. It gives an overview of the SPERC essentials for the chemical safety assessment. A SPERC background document is a reference document, which provides the description of the emission situation(s) for a use specified by an industrial sector, the justification and applicability domain of the environmental release factors, and the references/information sources/methods used in the derivation of the release factors.