EXOpacif MPF

Product Information Profile

Last update: 01/01/2024

1. Identity of the substance

- Trade name: Exopacif MPF
- INCI name: Glycol Distearate (and) Sodium Laureth Sulfate (and) Cocamidopropyl Betaine
- Product type: Opacifying agent
- Manufacturing sites:

EOC Surfactants NV
Durmakker 35
9940 Evergem – Belgium
Phone: +32 (0)55 23 58 58

2. Indicative composition

Indicative composition in view of cosmetic labelling:

INCI name	CAS number	Quantity (%)
Aqua	7732-18-5	25 – 50
Glycol Distearate	627-83-8	25 – 50
Sodium Laureth Sulfate	68891-38-3	5 – 10
Cocamidopropyl Betaine	61789-40-0	1 – 5
Glycerin	56-81-5	0.1 – 1
Sodium Benzoate	532-32-1	0.1 – 1
Total		100

3. Information about the raw materials and manufacturing process

3.1 Origin of raw materials:

Vegetable origin	Yes *More info: see PRF*
Synthetic origin	Yes
Animal origin	No

3.2 Description of the manufacturing process

Proprietary, mixing the ingredients.

3.3 Additives and processing aids

Preservative	0.4% Sodium benzoate
Antioxidants	Not intentionally added
Solvents	Not intentionally added
Complexing agents	Not intentionally added

4. Microbiological specification

Bacteria (aerobic)	<100 CFU/g (dipslide TTC agar)
Yeasts and moulds	<100 CFU/g (dipslide malt agar)
Data on testing for pathogenic micro-organisms	Challenge tests [1] prove that the above-mentioned concentration of preservative in Exopacif MPF was sufficient to inhibit the growth of: • Staphylococcus aureus • Escherichia coli • Pseudomonas aeruginosa • Candida albicans • Aspergillus brasiliensis

5. By-products and impurities

Information about other contaminants:

Substance	Type and concentration
1.4 - dioxane[2]	< 6 ppm
Ethylene oxide[3]	< 1 ppm
Monomers	Not expected to be present due to raw materials/reaction process
Formaldehyde[4]	Ca. 10 ppm *(Technically unavoidable impurity)*
Nitrosamines	Not expected to be present due to raw materials/reaction process
Pesticides	Not expected to be present due to raw materials/reaction process
Polyaromatic hydrocarbons	Not expected to be present due to raw materials/reaction process
Heavy metals[5]	• As < 1 ppm • Cd < 1 ppm • Cr < 1 ppm • Ni < 1 ppm • Pb < 1 ppm • Hg < 1 ppm • Co < 1 ppm • Sb < 1 ppm

6. Toxicological data

See SDS + ECHA

- Glycol distearate *https://echa.europa.eu/nl/registration-dossier/-/registered-dossier/10129*
- Sodium laureth sulfate *https://echa.europa.eu/nl/registration-dossier/-/registered-dossier/15887*
- Cocamidopropyl betaine *https://echa.europa.eu/nl/registration-dossier/-/registered-dossier/15295*
- Glycerin *https://echa.europa.eu/nl/registration-dossier/-/registered-dossier/14481*

7. Ecological data

See SDS + ECHA

- Glycol distearate *https://echa.europa.eu/nl/registration-dossier/-/registered-dossier/10129*
- Sodium laureth sulfate *https://echa.europa.eu/nl/registration-dossier/-/registered-dossier/15887*
- Cocamidopropyl betaine *https://echa.europa.eu/nl/registration-dossier/-/registered-dossier/15295*
- Glycerin *https://echa.europa.eu/nl/registration-dossier/-/registered-dossier/14481*

Note: This document is also valid for the RSPO Mass Balance (MB) grade.

Disclaimer

References

[1] Test report QACS Report 2022-4213/ 22 01 01221, 14/04/2022
[2] Based on data from raw material suppliers
[3] Based on data from raw material suppliers
[4] Test report SGS, ref. IAC22-11010, 18/10/2022
[5] Test report Intertek, ref. 2022-LCM-2650EN, 10/10/2022