



### 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:

<b>EOC Surfactants NV</b>
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 <i>More info: see PRF</i>
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 <sup>1</sup> prove that the above-mentioned concentration of preservative in Exopacif MPF was sufficient to inhibit the growth of: <ul style="list-style-type: none"><li>• Staphylococcus aureus</li><li>• Escherichia coli</li><li>• Pseudomonas aeruginosa</li><li>• Candida albicans</li><li>• Aspergillus brasiliensis</li></ul>



### 5. By-products and impurities

Information about other contaminants:

Substance	Type and concentration
1.4 - dioxane <sup>2</sup>	< 6 ppm
Ethylene oxide <sup>3</sup>	< 1 ppm
Monomers	Not expected to be present due to raw materials/reaction process
Formaldehyde <sup>4</sup>	Ca. 10 ppm ( <i>Technically unavoidable impurity</i> )
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 <sup>5</sup>	<ul style="list-style-type: none"><li>• As &lt; 1 ppm</li><li>• Cd &lt; 1 ppm</li><li>• Cr &lt; 1 ppm</li><li>• Ni &lt; 1 ppm</li><li>• Pb &lt; 1 ppm</li><li>• Hg &lt; 1 ppm</li><li>• Co &lt; 1 ppm</li><li>• Sb &lt; 1 ppm</li></ul>

### 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

*All recommendations for use of our products whether given by us in writing, orally, or to be implied from data or test results obtained by us, are based on the current state of our knowledge at the time such recommendations are made. When additional information is obtained, these recommendations may be updated. They may also be influenced by circumstances outside our control. Notwithstanding such recommendations, the user is responsible to determine that the product as supplied by us, is suitable for the process or purpose he intends to use it. The user of the product is solely responsible for compliance with all laws and regulations applying to the use of the product. Since we cannot control the application, use or processing of the products, we do not accept responsibility, therefore. The user shall ensure that the intended use of the products will not infringe in any party's intellectual property rights. This document replaces all previous versions.*

## References

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