



1. Identity of the substance

- Trade name: Exonac AMF Ultra
- INCI name: Glycol Distearate (and) Cocamidoproyl Betaine (and) Cocamide MEA (and) Propylene Glycol
- Product type: Pearlescent concentrate
- 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	> 50
Glycol Distearate	627-83-8	10 – 25
Cocamidopropyl Betaine	61789-40-0	10 – 25
Cocamide MEA	68140-00-1	5 – 10
Propylene Glycol	57-55-6	5 – 10
Phenoxyethanol	122-99-6	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	0.3% Phenoxyethanol
Antioxidants	Not intentionally added
Solvents	Propylene glycol
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	<p>Challenge tests ¹ prove that the above-mentioned concentration of preservative in Exonac AMF Ultra was sufficient to inhibit the growth of:</p> <ul style="list-style-type: none"> • Staphylococcus aureus • Staphylococcus epidermidis • Enterobacter gergoviae • Esherichia coli • Klebsiella pneumoniae • Pseudomonas aeruginosa • Pseudomonas fluorescens • Pseudomonas putida • Candida Albicans • Aspergillus niger • Penicillium funiculosum

5. By-products and impurities

Information about other contaminants:

Substance	Type and concentration
1.4 - dioxane	Not expected to be present due to raw materials/reaction process
Ethylene oxide	Not expected to be present due to raw materials/reaction process
Monomers	Not expected to be present due to raw materials/reaction process
Formaldehyde	No data available
Nitrosamines ²	< 50 ppb
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	No data available



6. Toxicological data

See SDS + ECHA

- Glycol distearate <https://echa.europa.eu/nl/registration-dossier/-/registered-dossier/10129>
- Cocamidopropyl betaine <https://echa.europa.eu/nl/registration-dossier/-/registered-dossier/15295>
- Propylene glycol <https://echa.europa.eu/nl/registration-dossier/-/registered-dossier/16001>
- Cocamide MEA <https://echa.europa.eu/nl/registration-dossier/-/registered-dossier/11715>

7. Ecological data

See SDS + ECHA

- Glycol distearate <https://echa.europa.eu/nl/registration-dossier/-/registered-dossier/10129>
- Cocamidopropyl betaine <https://echa.europa.eu/nl/registration-dossier/-/registered-dossier/15295>
- Propylene glycol <https://echa.europa.eu/nl/registration-dossier/-/registered-dossier/16001>
- Cocamide MEA <https://echa.europa.eu/nl/registration-dossier/-/registered-dossier/11715>

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

¹Test report Schülke & Mayr, reference 16-0249, date 30/05/2016

² Based on data from raw material suppliers CMEA