



1. Identity of the substance

- Trade name: Exomide PK
- INCI name: Cocamide DEA
- Product type: Nonionic surfactant
- Manufacturing sites:

EOC Surfactants NV	EOC Italia, Branch of EOC Belgium
Durmakker 35	Via Famiglia Iona 25
9940 Evergem – Belgium	13100 Vercelli – Italy
Phone: +32 (0)55 23 58 58	Phone: +39 (0)161 39 46 95

2. Indicative composition

Indicative composition in view of cosmetic labelling:

INCI name	CAS number	Quantity (%)
Cocamide DEA	68603-42-9	100
Total		100

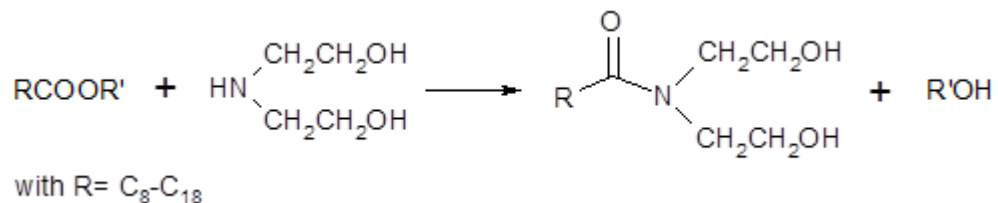
3. Information about the raw materials and manufacturing process

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



3.3 Additives and processing aids

Preservative	Not intentionally added
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	The product is not a favorable environment for micro-organisms due to the limited amount of water.



5. By-products and impurities

Information about residues and by-products:

Substance	Type and concentration	Analytical method
Diethanolamine	See datasheet	Titration
Free ester	See datasheet	IR Spectroscopy
Glycerin	See datasheet	HPLC
Water	Ca. 0.4%	Karl Fischer titration
Methanol	< 0.1% (<i>Impurity from catalyst</i>)	GC
Ethanol	< 0.1% (<i>Impurity from catalyst</i>)	GC

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 ¹	Ca. 5 ppm (<i>Technically unavoidable impurity</i>)
Nitrosamines ²	< 50 ppb ATNC as NNO
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 ³	<ul style="list-style-type: none"> • As < 0.5 ppm • Cd < 0.5 ppm • Cr < 0.5 ppm • Ni < 0.5 ppm • Pb < 0.5 ppm • Hg < 0.5 ppm • Co < 0.5 ppm • Sb < 0.5 ppm



6. Toxicological data

See SDS + ECHA <https://echa.europa.eu/nl/registration-dossier/-/registered-dossier/15394>

7. Ecological data

See SDS + ECHA <https://echa.europa.eu/nl/registration-dossier/-/registered-dossier/15394>

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

Disclaimer

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References

¹ Test report SGS, ref. 6942905, 11/07/2024

² Test report LGC, ref. CP-20000233-180, 24/11/2020

The total amount of present nitrosamines, also called apparent total N-nitroso compounds (ATNC) content, is detected as released nitrous oxide (NNO) by a Thermal Energy Analyser and reported in terms of NNO per g.

³ Test report QACS, ref. 2020-12634/201004489 - 201004489 - 201004489, 24/12/2020