1. Identity of the substance

- Trade name: Exomide V
- INCI name: Cocamide DEA
- Product type: Nonionic surfactant
- 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:

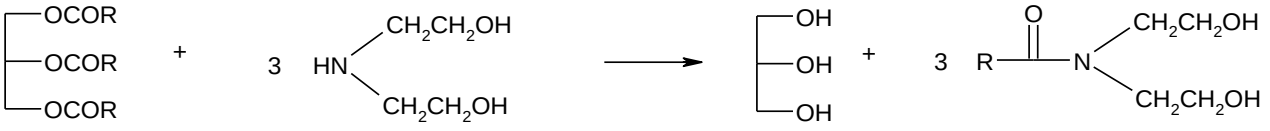
INCI name	CAS number	Quantity (%)
Cocamide DEA	68603-42-9	100
Total		100

3. Information about the raw materials and manufacturing process

3.1 Origin of raw materials:

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

3.2 Description of the manufacturing process



R= C_8-C_{18}

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
Free amine	See datasheet	Titration
Free ester	See datasheet	IR Spectroscopy
Glycerin	See datasheet	HPLC
Water	Ca. 0.4%	Karl Fischer titration
Methanol	< 0.1% *(Impurity from catalyst)*	GC
Ethanol	< 0.1% *(Impurity from catalyst)*	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]	< 5 ppm *(Technically unavoidable impurity)*
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]	• 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 *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*

Disclaimer

References

[1] Test report SGS, ref. IAC18-08949, 18/01/2019
[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 Intertek Report 2022-LCM-2650EN, 10/10/2022