



1. Identity of the substance

- Trade name: Exodime LOX
- INCI name: Lauramine Oxide
- 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 (%)
Aqua	7732-18-5	Ca. 70
Lauramine Oxide	1643-20-5	Ca. 30
Total		100

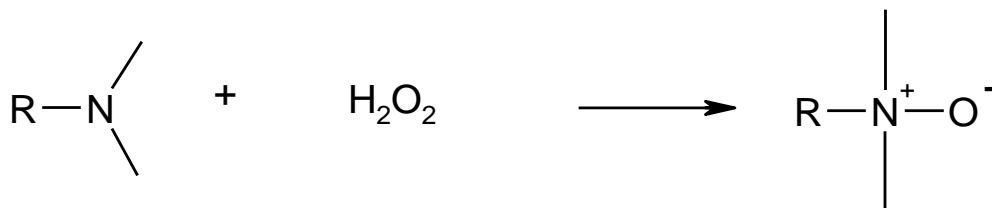
3. Information about the raw materials and manufacturing process

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



With R = C12 – C14

3.3 Additives and processing aids

Preservative	Not intentionally added
Antioxidants	Not intentionally added
Solvents	Not intentionally added
Complexing agents	0.01%

4. Microbiological specification

Microbial (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 the microbial robustness of Exodime LOX against: <ul style="list-style-type: none">• Staphylococcus aureus• Escherichia coli• Pseudomonas aeruginosa• Candida albicans• Aspergillus brasiliensis



5. By-products and impurities

Information about residues and by-products:

Substance	Type and concentration	Analytical method
Alkyldimethyl amine	See datasheet	Titration
Hydrogen peroxide	See datasheet	Titration

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
Solvent residues	Not expected to be present due to raw materials/reaction process
Monomers	Not expected to be present due to raw materials/reaction process
Formaldehyde ²	Ca. 20 ppm (<i>Technically unavoidable impurity</i>) – (<i>Results based on the analysis of similar products</i>)
Nitrosamines ³	< 50 ppb (LOQ) ATNC as NNO (<i>Results based on the analysis of similar products</i>)
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 ⁴	Results based on the analysis of similar products <ul style="list-style-type: none"> • Pb < 1 ppm • Cd < 1 ppm • Hg < 1 ppm • As < 1 ppm • Co < 1 ppm • Cr < 1 ppm • Sb < 1 ppm • Ni < 1 ppm • Cu < 1 ppm



6. Toxicological data

See SDS + ECHA <https://echa.europa.eu/nl/registration-dossier/-/registered-dossier/15191>

7. Ecological data

See SDS + ECHA <https://echa.europa.eu/nl/registration-dossier/-/registered-dossier/15191>

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

Disclaimer

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References

¹ Test report QACS – report 2024-1891/240100447 – date 07/02/2024

² Spectrophotometer

³ Test report LGC Report nr CP-22000030-31, CP22000100-78, CP22000184-129, date 2022

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.

⁴ Test report Intertek Report 2022-LCM-2650EN, date 10/10/2022