



### 1. Identity of the substance

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

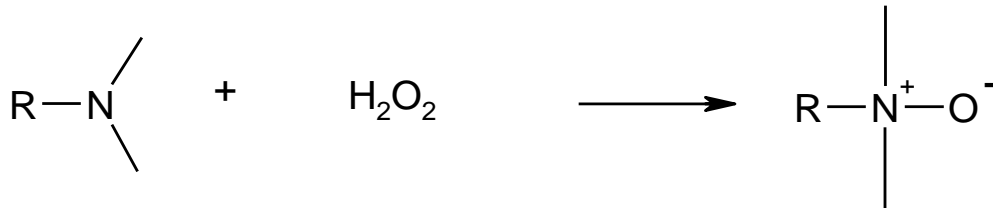
### 3. Information about the raw materials and manufacturing process

#### 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 <sup>1</sup> prove the microbial robustness of Exodime LOA against: <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 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 <sup>2</sup>	Ca. 20 ppm ( <i>Technically unavoidable impurity</i> )
Nitrosamines <sup>3</sup>	< 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 <sup>4</sup>	<ul style="list-style-type: none"><li>• Pb &lt; 1 ppm</li><li>• Cd &lt; 1 ppm</li><li>• Hg &lt; 1 ppm</li><li>• As &lt; 1 ppm</li><li>• Co &lt; 1 ppm</li><li>• Cr &lt; 1 ppm</li><li>• Sb &lt; 1 ppm</li><li>• Ni &lt; 1 ppm</li><li>• Cu &lt; 1 ppm</li></ul>



### 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

<sup>1</sup> Test report Cosmebac - report 2012-29059 – date 16/05/2012

<sup>2</sup> Spectrophotometer

<sup>3</sup> 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.*

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