



### 1. Identity of the substance

- Trade name: Exomild LS3
- INCI name: Disodium Laureth Sulfosuccinate
- Product type: Anionic surfactant
- Manufacturing sites:

<b>EOC Surfactants NV</b>
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. 60
Disodium Laureth Sulfosuccinate	39354-45-5	Ca. 40
Total		100

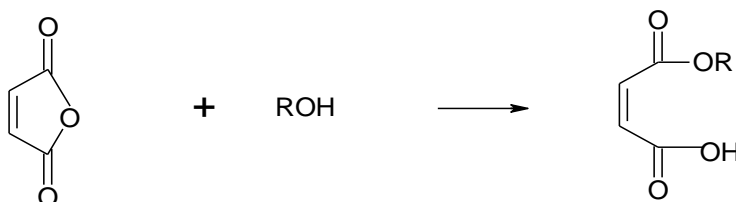
### 3. Information about the raw materials and manufacturing process

#### 3.1 Origin of raw materials:

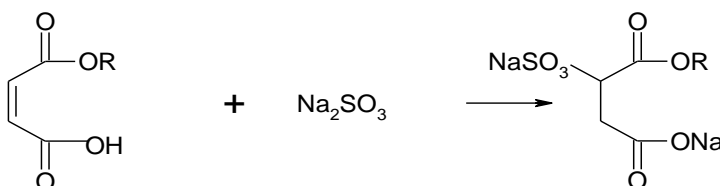
Vegetable origin	Yes <i>More info: see PRF</i>
Synthetic origin	Yes
Animal origin	No

## 3.2 Description of the manufacturing process

### 3.2.1 Preparation of maleate:



### 3.2.2 Sulphitation:



## 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	<p>Challenge tests <sup>1</sup> prove the microbial robustness of Exomild LS3 solutions against:</p> <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
Sulphite	See datasheet	Titration
Sulphate	Ca. 0.5%	Ion chromatography

Information about other contaminants:

Substance	Type and concentration
1,4 - dioxane <sup>2</sup>	< 1 ppm <i>(Results based on the analysis of similar products)</i>
Ethylene oxide <sup>3</sup>	< 1 ppm <i>(Results based on the analysis of similar products)</i>
Monomers	Not expected to be present due to raw materials/reaction process
Formaldehyde <sup>4</sup>	Ca. 10 ppm <i>(Technically unavoidable impurity)</i>
Nitrosamines	Not expected to be present due to raw materials/reaction process
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>5</sup>	Results based on the analysis of similar products: <ul style="list-style-type: none"> <li>• As &lt; 1 ppm</li> <li>• Cd &lt; 1 ppm</li> <li>• Cr &lt; 1 ppm</li> <li>• Ni &lt; 1 ppm</li> <li>• Cu &lt; 1 ppm</li> <li>• Pb &lt; 1 ppm</li> <li>• Co &lt; 1 ppm</li> <li>• Hg &lt; 1 ppm</li> <li>• Sb &lt; 1 ppm</li> </ul>



### 6. Toxicological data

See SDS

### 7. Ecological data

See SDS

*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**

<sup>1</sup> Test report QACS, ref. 2023-963 / 23 01 00228, date 27/02/2023 ref. 2023-5181 / 23 01 01382 date 18/05/2023 – ref. 2023-5181 / 23 01 01380, date 18/05/2023

<sup>2</sup> Test report Intertek, ref. 2022-LCM-2649EN, 04/10/2022

<sup>3</sup> Test report Eurofins n° AR-10-JR-003493-01, 25/06/2010

<sup>4</sup> Spectrophotometer

<sup>5</sup> Test report Intertek, ref. 2023-LCM-3268EN, 21/11/2023