



SAFETY DATA SHEET

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Revised edition no : 2

Date : 15/10/2007

Supersedes : 1/12/2003

Euranaat LS3

www.lisam.com



Xi : Irritant

1. Identification of the Product and the company

Identification of the product : Euranaat LS3.
Type of product : Polymer.
Use : Surfactant.
For industrial and cosmetic applications.
Producer : EOC Surfactants
Durmakker 35
B-9940 Evergem Belgium
TEL: +32 (0)55 23 58 58 FAX: +32 (0)55 23 58 59
SITE: www.eocgroup.com MAIL: safety@eocgroup.com
Emergency phone nr : Antipoison Center: +(32) 70/245.245

2. Hazards identification

Particular indication of danger to man and environment : On available data the Product was checked according to Directives 1967/548/EEC, 1999/45/EC and amendments:
The Product can be considered as:
R36 - Irritating to eyes.
R38 - Irritating to skin.
Ecological information : See section 12.

3 Composition / Information on ingredients

Substance name	% (weight)	CAS No / EC No / Index No	Symbol(s)	R-Phrase(s)
<u>Disodium Laureth Sulfosuccinate</u>	: ~ 40	39354-45-5 / ----- / -----	Xi	36-38
Other information	: For the complete text of these R-phrases see Section 16.			

4. First aid measures

Inhalation : Assure fresh air breathing. Allow the victim to rest. Obtain medical attention if breathing difficulty persists.
Skin Contact : Irritant.
Take off contaminated clothing and clean skin thoroughly with water and soap.
Eye Contact : Irritant.
Rince thoroughly with plenty of water for at least 10 minutes.
Swallowing : Nausea.
Clear mouth, nose and throat.
Seek as soon as possible medical assistance.

5. Fire - fighting measures

Fire Hazard : Small fire hazard.
Extinguishing media : Water, powder, CO2, sand... all extinguishing media are suitable.
Protective clothing and self-contained breathing equipment should be available for firemen.
To prevent environmental damage, if possible collect water used to extinguish



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5. Fire - fighting measures (continued)

the fire in containers.

6. Accidental release measures

- Personal protection : Avoid skin contact. Wear PVC-gloves and goggles to contain spills.
Contact with walking surface may result in formation of slippery film/falling hazard.
- Environmental precautions : Prevent the Product contaminating soil and groundwater. Prevent the Product entering sewers and waterways.
Cfr. Section 12.
- Cleaning / recovery : Large spillages : contain and pump into containers.
Small spillages : absorb on sand, earth... and collect into containers for disposal.
Disposal should always comply with local, national or EEC regulations.
Cfr. Section 13.

7. Handling and storage

- Handling : Good industrial and personal hygiene practice should be followed. No eating and drinking in the workplace. Ensure adequate ventilation.
- Storage : Storage temperature : between +5 and +40 °C.
Protect from frost and direct sunlight.
Drums and bottles : material is plastic or steel.
Bulk tanks : stainless steel, aluminium, plastic coated materials... Clean bulk tanks periodically to prevent accumulation of bacteria.
- Specific use : Use the best available methods of handling our products whereby the employees enjoy maximum safety and whereby the environment is minimally affected.

8. Exposure controls / personal protection

- Exposure limit values : There are no specific limiting values for professional exposure.
There are no biological limiting values.
Users should determine the conditions for safe use of the Product. Cfr. Section 7 "Handling".
- Exposure controls:
- Occupational exposure controls : Respiratory protection : not applicable
Hand protection : waterproof PVC-gloves (CE)
Eye protection : goggles or safety glasses (CE)
Skin protection : not applicable.
Avoid skin contact.
 - Environmental exposure controls : The Product must not be discharged directly into drains or waterways without treatment.

9. Physical and chemical properties

- Physical state : Liquid
- Colour : Colourless
- Odour : Characteristic.
- pH value : ca 5
- Initial boiling point [°C] : Like water
- Density [kg/l @20°C] : 1.1
- Vapour pressure [hPa] : Like water
- Viscosity [mPa.s BF RVF 1/20 @ 20°C] : +/- 200



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9. Physical and chemical properties (continued)

Solubility in water	: Good.
Flash point [°C]	: Not applicable.
Auto-ignition temperature [°C]	: Not applicable.
Explosion limits - lower [%]	: Not applicable.
Explosion limits - upper [%]	: Not applicable.
Log P octanol / water [20°C]	: No data available.

10. Stability and reactivity

Conditions to avoid	: Avoid strong oxidizers and strong reducers. Stable under the recommended storage conditions. Cfr. section 7 "Storage".
Materials to avoid	: Avoid strong acids and materials which react with water.
Hazardous decomposition products	: CO _x , NO _x and possibly other toxic vapours in case of fire.

11. Toxicological information

Acute toxicity	: LD50 rat oral [ml/kg]: 30.8
Dermal irritation	: Slight skin irritant.
Eyes irritation	: Slight eye irritant.
Sensitization	: None. (Magnusson & Kligman)

12. Ecological information

Ecotoxicity	: No data available.
Mobility	: Not established.
* Biodegradation [%]	: 79 (OECD 301D) This surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 and 907/2006 on detergents.
Bioaccumulative potential	: There is seemingly no tendency for bioaccumulation.
Other adverse effects	: Unknown.

13. Disposal considerations

All Product disposal should comply with local, national or EEC regulations.
Further information can be obtained from our Environment Department.
The Product must not be discharged directly into drains or waterways without treatment.

14. Transport information

General information	: Not regulated.
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15. Regulatory information

On available data the Product was checked according to Directives 1967/548/EEC, 1999/45/EC and amendments: The Product can be considered as:

Symbol(s)	: Irritant.
R Phrase(s)	: R36/38 - Irritating to eyes and skin.
S Phrase(s)	: S24 - Avoid contact with skin.



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15. Regulatory information (continued)

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37 - Wear suitable gloves.

16. Other information

Text of R-Phrases in § 3 : R36 - Irritating to eyes.
R38 - Irritating to skin.
Further information : Revision - See : *
Print date : 12 / 11 / 2008

The contents and format of this Safety Data Sheet are in accordance with Regulation (EC) N° 1907/2006 (REACH).

All recommendations for the 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 regulation 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.

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