

SAFETY DATA SHEET**SECTION 1 Identification of the substance/mixture and of the company/undertaking**

1.1 Product identifier

- Product Name: SEACARE ECOSPERSE LT 23
- Product Part Number: 764424 (25L) - 764426 (210L)

1.2 Relevant identified uses of the substance or mixture and uses advised against

- Use of the substance/mixture:
- Oil Spill Dispersant

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Wilhelmsen Ships Service AS
- Address of Supplier: Willem Barentszstraat 50, 3165AB Rotterdam, The Netherlands
- Telephone: +31 4877 777 Fax: +31 4877 888
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- Head office: Wilhelmsen Ships Service AS
- Strandveien 20, N1324 Lysaker
- Norway, Tel: (47) 6349 440 35
-
- Other suppliers SEE SECTION 16!!!
- For quotations contact your local Customer Services
-
- Responsible Person: Product HSE Manager,
- Email: Email: WSS.GLOBAL.SDSINFO@wilhelmsen.com
- Telephone: Tel.: +31 10 4877775
- Responsible Person:

1.4 Emergency telephone number

- ****ONLY TO BE USED IN CASE OF AN INCIDENT****
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- International 24hrs Emergency NCEC: +44 1865 407333
- American Chemistry Council 24hrs +1 703 527 3887
- American 24hrs Emergency CHEMTREC (800) 424 9300
- Greece: Poisoning emergency center, +30 210 7793777
- Norway: Poison information centre, +47 22591300
- Sweden: Poison information centre, +46 08 33 12 31
- China NRCC 24hrs emergency telephone number: +86-0532-8388 9090
- Wilhelmsen Ships Service, Melbourne, AUSTRALIA Emergency 24hrs: +61 3 9630 0998

SECTION 2 Hazards identification

2.1 Classification of the substance or mixture

- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- Refer to current The Dangerous Substances Directive (67/548/EEC)
- Symbols: Xi
- Irritating to eyes (R36)
-
- Classification according to Regulation (EC) No 1272/2008
- Signal Word: Warning
- Symbols: GHS07

SECTION 2 Hazards identification (....)

- Eye Irrit. 2
- Skin Irrit. 2

2.2 Label elements



- Hazard phrases
 - Causes serious eye irritation (H319).
 - Causes skin irritation (H315).
- Signal Word: Warning
-
- Contains:
 - Fatty acids, C8-10, Me esters
 - Diethyl Sodiumsulfosuccinate
 -
- Precautionary Phrases
 - Wash hands and working surfaces thoroughly after handling (P264).
 - Wear protective gloves/protective clothing/eye protection/face protection (P280).
 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
 - IF ON SKIN: Gently wash with plenty of soap and water (P302+P350).
 - Call a POISON CENTER or doctor/physician (P311).
 - If skin irritation occurs: Get medical advice/attention (P332+P313).

2.3 Other hazards

- Not applicable
- Not a PBT according to REACH Annex XIII

SECTION 3 Composition/information on ingredients

3.1 Mixtures

- Fatty acids, C8-10, Me esters
 - Concentration: 60-100%
 - CAS Number: 85566-26-3
 - EC Number: 287-636-4
 - R/H Phrases: Not applicable
 - Symbols: Not applicable
 - Categories: Not applicable
 - REACH NO: 01-21195278 26-31-0002
- Diethyl Sodiumsulfosuccinate
 - Concentration: 10-30%
 - CAS Number: 577-11-7
 - EC Number: 209-406-4
 - R/H Phrases: R36/38 - H318, 315
 - Symbols: Xi, GHS05
 - Categories: Eye Dam. 1, Skin Irrit. 2
 - REACH NO: 05-21169432 06-47-0000

SECTION 4 First aid measures**4.1 Description of first aid measures**

- IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
- Give plenty of water to drink
- When in doubt or symptoms persist, seek medical attention
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- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
- When in doubt or symptoms persist, seek medical attention
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- IF ON SKIN: Wash with plenty of soap and water (P302+P352).
- Take off contaminated clothing and wash before reuse (P362).
- When in doubt or symptoms persist, seek medical attention
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- IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P341).
- Inhalation is unlikely to occur

4.2 Most important symptoms and effects, both acute and delayed

- Causes serious eye irritation (H319).
- Possible irritation of affected areas
- In cases of severe exposure, gastro-intestinal disturbances may develop

4.3 Indication of any immediate medical attention and special treatment needed

- No information available

SECTION 5 Fire-fighting measures**5.1 Extinguishing media**

- In case of fire: use water, alcohol resistant foam or dry agent for extinction (P370+P378)

5.2 Special hazards arising from the substance or mixture

- Keep container(s) exposed to fire cool, by spraying with water

5.3 Advice for firefighters

- In the event of an adjacent fire, cool containers with water spray
- Wear Positive-Pressure Breathing Apparatus

SECTION 6 Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures**

- Wear protective clothing as per section 8
- Do not get in eyes, on skin, or on clothing (P262).

6.2 Environmental Precautions

- Do not allow to enter public sewers and watercourses

6.3 Methods and material for containment and cleaning up

- Absorb spillage in earth or sand
- Flush spill area with copious amounts of water

6.4 Reference to other sections

- See Section 13

SECTION 7 Handling and storage**7.1 Precautions for safe handling**

SECTION 7 Handling and storage (....)

- Wear protective clothing as per section 8
- The usual precautions for handling chemicals should be observed

7.2 Conditions for safe storage, including any incompatibilities

- Keep in a cool, dry, well ventilated place
- Keep container tightly closed (P233).

7.3 Specific end use(s)

- Contact supplier for further information

SECTION 8 Exposure controls/personal protection

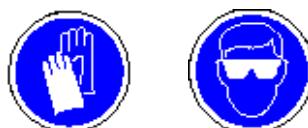
8.1 Control parameters

- There are no recommended or established controls for this product

8.2 Exposure controls

- No special precautions are required for this product

8.3 Occupational exposure controls



- Wear nitrile gloves
- Penetration time of glove material:
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- Eyewash bottles should be available
- Wash hands and working surfaces thoroughly after handling (P264).
- Wear goggles giving complete eye protection

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: Characteristic odour
- Appearance: Liquid, amber, yellow, partly soluble in water
- Freezing point/Range: Freezing point
- Density: Density 0.995 g/cm3 at 20 deg C
- Viscosity: Viscosity 31 centipoise at 40 deg C
- Flash point >110 deg C (CC)

9.2 Other information

- No information available

SECTION 10 Stability and reactivity

10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Avoid overheating
- Keep away from frost

SECTION 10 Stability and reactivity (....)

10.5 Incompatible materials

- None

10.6 Hazardous Decomposition Products

- Carbon oxides may be formed

SECTION 11 Toxicological information

11.1 Information on toxicological effects

- LD50 (oral, rat) (Fatty acid ester) >2000 mg/kg

11.2 Contact with eyes

- May cause redness and irritation

11.3 Contact with skin

- In cases of severe exposure, redness and irritation may develop

11.4 Ingestion

- The ingestion of significant quantities may cause gastro-intestinal disturbances

11.5 Inhalation

- Inhalation is unlikely to occur

SECTION 12 Ecological information

12.1 Toxicity

- Biodegradability. OECD-test. 28 days >60% % (Fatty acid ester)
- LC50 (fish) (Fatty acid ester) >1000 mg/l (96 hr)
- This product does not contain ingredients which are classified in the EU as dangerous for the environment.

12.2 Persistence and degradability

- The components in this product are readily biodegradable.

12.3 Bioaccumulation Potential

- Not applicable

12.4 Mobility in soil

- Partially soluble in water.

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Other Adverse Effects

- No information available

SECTION 13 Disposal considerations

13.1 Waste treatment methods

- No special precautions are required for this product
- Disposal should be in accordance with local, state or national legislation

13.2 Classification

- Not applicable

SECTION 14 Transport information

14.1 UN

- UN No.: Not applicable

SECTION 14 Transport information (....)

- Proper Shipping Name: Not applicable
- Hazard Class: Not applicable
- Packing Group: Not applicable

Not classified as hazardous for transport

14.2 Environmental hazards

- Not Classified

14.3 Special precautions for user

- Not Classified

14.4 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

- Not applicable

14.5 Road/Rail (ADR/RID)

- ADR UN No.: Not applicable
- Proper Shipping Name: Not applicable
- ADR Hazard Class: Not applicable
- ADR Packing Group: Not applicable

14.6 Sea (IMDG)

- IMDG UN No.: Not applicable
- Proper Shipping Name: Not applicable
- IMDG Hazard Class: Not applicable
- IMDG Pack Group.: Not applicable
- IMDG EmS: Not applicable

14.7 Air (ICAO/IATA)

- ICAO UN No.: Not applicable
- Proper Shipping Name: Not applicable
- ICAO Hazard Class: Not applicable
- ICAO Packing Group: Not applicable

14.8 DOT / CFR (US Department of Transportation)

- Identification Number: Not applicable
- DOT Proper Shipping Name: Not applicable
- DOT Labels: Not applicable
- Product RQ (lbs): Not applicable

SECTION 15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

- Classification according to Regulation (EC) No 1272/2008

15.2 Chemical Safety Assessment

- None

SECTION 16 Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H318:
Causes serious eye damage. R36/38: Irritating to eyes and skin.

The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents

The data given here only applies when product used for proper application(s). The product is not sold as suitable for other applications - usage in such may cause risks not mentioned in this sheet.

SECTION 16 Other information (....)

Do not use for other application(s) without seeking advice from manufacturer

The data given here is based on current knowledge and experience. This Safety Data Sheet describes the product in terms of safety requirements and does not signify any warranty with regard to the product's properties

The most up-to-date version of this MSDS can be found on www.wilhelmsen.com/shipsservice

OTHER CONTACT INFORMATION MAJOR CHEMICAL OFFICES

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