

SAFETY DATA SHEET

1 Identification of the substance or preparation and of the company/undertaking

1.1 Product identifier

Product Name: SEACARE ECOSPERSE
Datasheet Number: 575647-r 1. 0. 0
Product Part Number: 575647 (25 liter), 575654 (210 liter)
Head Office:: Wilhelmsen Ships Service AS
Address: Strandveien 20, N1324 Lysaker, Norway, Tel: (+47) 67 58 45 50

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

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 10 4877 777
Fax: +31 10 4877 888
Responsible Person: Patrick Rijdsijk, Product HSE Manager, Tel.:+31 6 349 440 35
Email: patrick.rijdsijk@wilhelmsen.com

1.4 Emergency telephone number

****ONL TO BE USED IN CASE OF AN INCIDENT****

NCEC: +44 1865 407333, CHEMTREC (800) 424 9300

American Chemistry Council +1 703 527 3887,

Greece +30 210 7793777

Australia: +61 3 9630 0998

2 Hazards identification

2.1 Classification of the substance or mixture

- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.

2.2 Label elements



Harmful

- Contains: (Distillates (petroleum), hydrotreated light - Sorbitan monooleate - Ethoxylated fishoil - Sodium dioctyl sulfosuccinate)

Risk Phrases

- Harmful: may cause lung damage if swallowed (R65)
- Repeated exposure may cause skin dryness or cracking (R66)

2 Hazards identification (....)

Safety Phrases

- If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label (S62)
- Do not breathe vapour/fumes (S23)
- Do not breathe gas (S23)
- Do not breathe spray/mists (S23)
- Avoid contact with skin and eyes (S24/25)
- Wear suitable protective clothing, eye/face protection and gloves (S36/37/39)

2.3 Other hazards

- Odour: Characteristic odour
- Appearance: Liquid, tan, dispersible in water
- Contact with eyes: Causes irritation
- Contact with skin: Repeated exposure may cause skin dryness or cracking (R66)
- Inhalation: In cases of severe exposure, dizziness, confusion, headache or stupor may develop
- Ingestion: Not regarded as a potential route of exposure., The ingestion of significant quantities may cause chemical oedema

3 Composition/information on ingredients

3.1 Mixtures

Chemical Name	Concentration	CAS Number	EC Number	R/H Phrases*	Symbols
Distillates(petroleum), hydrotreated light	60-100%	64742-47-8	265-149-8	R65, 66	Xn
Sodium dioctyl sulfococinate	5-10%	577-11-7	209-406-4	R36/38	Xn
Sorbitan monooleate	10-20%	1338-43-8	215-665-4	-	-
Ethoxylated fishoil	10-20%	103991-30-6	-	-	-

*See Section 16

4 First aid measures

4.1 Description of first aid measures

- IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- When in doubt or symptoms persist, seek medical attention
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- IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- Give water or milk to drink
- Never make an unconscious person vomit or drink fluids
- Get medical advice/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.
- When in doubt or symptoms persist, seek medical attention

4 First aid measures (....)

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- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- When in doubt or symptoms persist, seek medical attention

4.2 Most important symptoms and effects, both acute and delayed

- May cause dizziness, confusion, headache or stupor
- Possible redness and irritation of affected areas
- The ingestion of significant quantities may cause chemical oedema

4.3 Indication of immediate medical attention and special treatment needed

5 Fire-fighting measures

5.1 Extinguishing media

- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide (S43)

5.2 Special hazards arising from the substance or mixture

- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback

5.3 Advice for firefighters

- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback
 - Keep container(s) exposed to fire cool, by spraying with water
 - Wear Breathing Apparatus
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6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8

6.2 Environmental Precautions

- Do not allow to enter public sewers and watercourses

6.3 Methods and material for containment and cleaning up

- Shut off all ignition sources
- Absorb spillage in inert material and shovel up
- Ventilate the area and wash spill site after material pick-up is complete

6.4 Reference to other sections

- None
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7 Handling and storage

7.1 Precautions for safe handling

- Wear protective clothing as per section 8
- Eyewash bottles should be available
- Equipment should be of flameproof design
- Proper chemicals handling procedures should be adopted
- Do not get in eyes, on skin, or on clothing.
- Avoid breathing dust/fume/gas/mist/vapours/spray.

7 Handling and storage (...)

7.2 Conditions for safe storage, including any incompatibilities

- Keep container tightly closed, in a cool, well ventilated place (S3/7/9)
- Keep away from open flames, hot surfaces and sources of ignition.

7.3 Specific end use(s)

8 Exposure controls/personal protection

8.1 Control parameters

- Distillates(petroleum), hydrotreated light
TLV (TWA) 275 mg/m³ (Destillates(petroleum), hydrotreated, light)

8.2 Exposure controls

- No special ventilation is required unless the product is used in a spray form

Occupational exposure controls

- Wear suitable protective clothing, including eye/face protection and gloves (neoprene or nitrile are recommended)
- No respiratory protection is required unless subject to contact with substance mist
- Respiratory protection may be required under exceptional circumstances when excessive air contamination exists
- Wear suitable respiratory protection. Gas cartridge (organic substances).



Gloves



Goggles



Suit



Respirator

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: Characteristic odour
- Appearance: dispersible in water, Liquid, tan
- Boiling point >150 °C at 760 mm /Hg
- Density 0,85 kg/m³ at 20 °C
- Flash point ~ 74 deg C (CC)
- Auto-ignition point >200 deg C
- Viscosity 11 cST @ 20 deg C

9.2 Other information

10 Stability and reactivity

10.1 Reactivity

- This article is considered stable under normal conditions

10.2 Chemical stability

- This article is considered stable under normal conditions
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10 Stability and reactivity (....)

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Avoid overheating

10.5 Incompatible materials

- None

10.6 Hazardous Decomposition Products

- No hazardous decomposition products known
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11 Toxicological information

11.1 Information on toxicological effects

- No experimental data available

Inhalation

- Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
- Vapours or aerosols may cause irritation of eyes, nose and respiratory tract

Contact with skin

- Causes irritation
- Can be absorbed through skin

Contact with eyes

- Causes severe irritation

Ingestion

- May cause gastro-intestinal disturbances
- The ingestion of significant quantities may cause damage to lungs

Carcinogenicity

- No evidence of carcinogenic effects
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12 Ecological information

12.1 Toxicity

- LC50 (fish) (Kerosine) >100 mg/l (96 hr)
- LC50 (fish) (Surfactants) 1-10 mg/l (96 hr)
- EC50 (daphnia) (kerosine) >100 mg/l (48 hr)
- Biodegradability. OECD-test. 28 days 68 % (Kerosine)
- Biodegradability. OECD-test. 28 days >60 % (Serfactants)

12.2 Persistence and degradability

- Its main ingredients will either dissolve rapidly and dissociate in water or are readily/inherently biodegradable.

12.3 Bioaccumulation Potential

- Hydrocarbon solvents have the potential to bioaccumulate.

12 Ecological information (...)

12.4 Mobility in soil

- Dispersible
- Large volumes may penetrate soil and contaminate groundwater

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Other Adverse Effects

- No environmental problems are expected when the product is used / handled correctly.
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13 Disposal considerations

13.1 Waste treatment methods

- Do not discharge into drains or the environment, dispose to an authorised waste collection point
- Disposal should be in accordance with local, state or national legislation

Classification

- EU Waste class: 07.01
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14 Transport information

14.1 UN Number

- n/a

14.2 UN Proper Shipping Name

- n/a

14.3 Transport hazard class(es)

- n/a

14.4 Packing group

- n/a

14.5 Environmental hazards

- Presents little or no hazard to the environment

14.6 Special precautions for user

- Not classified as hazardous for transport

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

- Not applicable

Other information

15 Regulatory information

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

- This Safety Data Sheet has been prepared in accordance with article 31 and annex II in REACH and Directive 453/2010/EU.
 - Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
 - This Safety Data Sheet is provided in compliance with The Dangerous Substances Directive (67/548/EEC)
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15 Regulatory information (....)

15.2 Chemical Safety Assessment

None

16 Other information

Text of R and S phrase codes used in this safety data sheet:- R36/38: Irritating to eyes and skin; R65: Harmful: may cause lung damage if swallowed; R66: Repeated exposure may cause skin dryness or cracking.

Composition information in accordance with EC Regulation 648/2004 of the European Parliament and of the Council of 31st March 2004 on detergents: aliphatic hydrocarbons <30%, non-ionic surfactants 15-30%, anionic surfactants 5-15%

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

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