

SAFETY DATA SHEET

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

Product Name: SEACARE OSD
Datasheet Number: 571562 4. 0. 0
Use of the substance/preparation: Oil Spill Dispersant, Cleaning agent
Product Part Number: 571562 (25 liter), 571570 (210 liter)
Name of Supplier: Wilhelmsen Maritime Services AS
Address of Supplier: Willem Barentszstraat 50
 3165 AB Rotterdam-Albrandswaard, The Netherlands

Telephone: +31 10 4877 777
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Responsible Person: Leen de Visser, Product HSE Manager, Tel.: +31 6 538 63736
Email: Leen.de.Visser@Wilhelmsen.com
Name of Manufacturer: UNITOR CHEMICALS AS
Address of Manufacturer: P.O.Box 15
 3141 Kjøpmannskjær
 Norway.
Telephone: +47 333 515 00
Emergency Telephone: NCEC: +44 1865 407333, CHEMTREC (800) 424 9300
 American Chemistry Council +1 703 527 3887, Greece +30 210 7793777

2 Composition/information on ingredients

Chemical Name	Concentration	CAS Number	EC Number	R Phrases*	Symbols
Destillates(petroleum), hydrotreated, light	60-90	64742-47-8	265-149-8	65, 66	Xn
Sorbitan monooleate	<5	1338-43-8	215-665-4	-	-
Ethoxylated fishoil	<5	N/A	N/A	-	-
Sodium dioctyl sulfosuccinate	1-2	577-11-7	N/A	22, 36/37/38, 41	Xn

*See Section 16

3 Hazards identification

- Odour: Characteristic odour
- Appearance: Liquid, amber, dispersible in water
- Contact with eyes: In cases of severe exposure, severe irritation may develop
- Contact with skin: Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis
- Inhalation: In cases of severe exposure, dizziness, confusion, headache or stupor may develop
- Ingestion: Harmful: may cause lung damage if swallowed (R65), The ingestion of significant quantities may cause nausea/vomiting



Harmful

4 First aid measures

Contact with skin

- Remove contaminated clothing
- Wash affected area with plenty of water
- Contaminated clothing should be laundered before reuse
- When in doubt or symptoms persist, seek medical attention

Contact with eyes

- If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes
- Seek medical advice

4 First aid measures (....)

Ingestion

- Do not induce vomiting because of risk of aspiration into the lungs. If aspiration is suspected obtain immediate medical attention
- If vomiting occurs turn patient on side
- Never give anything by mouth to an unconscious person
- Give 200-300mls (half pint) water to drink
- Seek immediate medical attention

Inhalation

- Remove patient to fresh air
- Keep warm and at rest, in a half upright position. Loosen clothing
- When in doubt or symptoms persist, seek medical attention

General

- In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible) (S45)

5 Fire-fighting measures

- Auto-ignition point 225 deg C at 760 mm Hg
- Lower flammability limit 0.6%(in air), Upper flammability limit 5.5%(in air), Flash point 73 deg C (CC)
- Carbon oxides may be formed
- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide (S43)
- Vapours are heavier than air and may travel considerable distances to a source of ignition and flashback

6 Accidental release measures

Personal Precautions

- Wear protective clothing as per section 8

Environmental Precautions

- Do not allow to enter public sewers and watercourses

Clean Up Actions

- Absorb spillage in inert material and shovel up
- Ventilate the area and wash spill site after material pick-up is complete

Special Precautions

- Wear protective clothing as per section 8

7 Handling and storage

Handling

- Wear protective clothing as per section 8
- Avoid contact with skin and eyes (S24/25)
- Eyewash bottles should be available

Storage

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

8 Exposure controls and personal protection

Exposure Limits

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

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 (plastic or rubber are recommended)
- No respiratory protection is required unless subject to contact with substance mist
- Wear approved respirator if exposure likely to exceed MEL/OES



Gloves



Goggles



Suit



Respirator

9 Physical and chemical properties

- Odour: Characteristic odour
 - Appearance: Liquid, amber, dispersible in water
 - pH - not applicable
 - Boiling point 195 °C to 245 °C at 760 mm /Hg
 - Vapour pressure - not known
 - Vapour density (air = 1) >1
 - Freezing point -20 °C at 760 mm/Hg
 - Emulsifies in water
 - Specific gravity (water=1) 0.8
 - Lower flammability limit 0.6%(in air), Upper flammability limit 5.5%(in air), Flash point 73 deg C (CC)
 - Auto-ignition point 225 deg C at 760 mm Hg
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10 Stability and reactivity

- This article is considered stable under normal conditions, May form explosive vapour/air mixtures
 - Avoid overheating, Keep away from naked flames, incandescent or hot surfaces
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11 Toxicological information

Toxicological information

- No experimental data available

Inhalation

- Inhalation of solvent vapours may give rise to nausea, headaches and dizziness

Contact with skin

- Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis

Contact with eyes

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

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

Ecotoxicity

- On available data, substance is not harmful to aquatic life
- LC50 (Artemia sp.) >100000 mg/l/24h

Mobility

- Emulsifies in water

Persistence and Biodegradability

- The components in this product are readily biodegradable.

Bioaccumulation Potential

- Bioaccumulation of the components in this product is insignificant.

Other Adverse Effects

- No environmental problems are expected when the product is used / handled correctly.
 - This product has been approved by the UK Department for Environment, Food, & Rural Affairs for use as a type 1 oil spill dispersant.
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13 Disposal considerations

Classification

- EU Waste class: 07.01

Disposal considerations

- 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
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14 Transport information

- Not classified as hazardous for transport
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15 Regulatory information



Harmful

Risk Phrases

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

Safety Phrases

- If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label (S62)
- 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)

16 Other information

Text of R and S phrase codes used in this safety data sheet:- R22: Harmful if swallowed; R36/37/38: Irritating to eyes, respiratory system and skin; R41: Risk of serious damage to eyes; R65: Harmful: may cause lung damage if swallowed; R66: Repeated exposure may cause skin dryness or cracking.

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

This Safety Data Sheet is provided in compliance with The Dangerous Substances Directive (67/548/EEC)

This Safety Data Sheet is provided in compliance with The Dangerous Preparations Directive (88/379/EEC)

This Safety Data Sheet is provided in compliance with The Safety Data Sheets Directive (2001/58EC)

Composition information in accordance with Regulation (EC) No 648/2004 of the European Parliament and of the Council of 31 March 2004 on detergents:

Aliphatic hydrocarbons	>30	%
Nonionic surfactants	5-15	%
Anionic surfactants	<5	%