
SAFETY DATA SHEET

SECTION 1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Product Name: SEACARE OSD 2
- Product Part Number: 764420 (25 liter), 764422 (210 liter)

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 Barentzstraat 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
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- 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

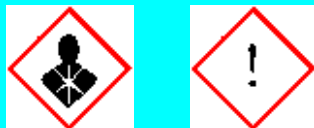
2.1 Classification of the substance or mixture

- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- Symbols: Xn
- Harmful: may cause lung damage if swallowed (R65)
- Repeated exposure may cause skin dryness or cracking (R66)
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- Classification according to Regulation (EC) No 1272/2008
- May be fatal if swallowed and enters airways (H304).
- Causes serious eye irritation (H319).
- Repeated exposure may cause skin dryness or cracking (EUH066).

SECTION 2 Hazards identification (....)

- Symbols: GHS08, GHS07
- Signal Word: Danger
- Asp. Tox. 1

2.2 Label elements



- Hazard phrases
 - May be fatal if swallowed and enters airways (H304).
 - Causes serious eye irritation (H319).
 - Repeated exposure may cause skin dryness or cracking (EUH066).
- Signal Word: Danger
-
- Contains:
 - Hydrocarbones, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
 - Dodecylbenzene sulphonate isopropylamine salt
 -
- Precautionary Phrases
 - 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 eye irritation persists: Get medical advice/attention (P337+P313).
 - Wear protective gloves/protective clothing/eye protection/face protection (P280).
 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician (P301+P310).
 - Do NOT induce vomiting (P331).

2.3 Other hazards

- Not applicable
- Appearance: Liquid, light, brown
- Odour: Hydrocarbon odour
- Not a PBT according to REACH Annex XIII

SECTION 3 Composition/information on ingredients

3.1 Mixtures

- Hydrocarbones, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
 - Concentration: 60-100%
 - CAS Number: Not applicable
 - EC Number: 926-141-6
 - R/H Phrases: R65, R66, H304, EUH66
 - Symbols: Xn, GHS08
 - Categories: Asp. Tox. 1
 - REACH REG. NO: 01-2119456620-43-0000
- Dodecylbenzene sulphonate isopropylamine salt
 - Concentration: 1-5%
 - CAS Number: 26264-05-1
 - EC Number: 247-556-2
 - R/H Phrases: R22, R41, R38 - H302, H318, H315
 - Symbols: GHS07, GHS05

SECTION 3 Composition/information on ingredients (....)

Categories: Acute Tox. 4, Eye Dam. 1, Skin Irrit. 2
REACH REG. NO: 05-21142774 37-39

SECTION 4 First aid measures

4.1 Description of first aid measures

- 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 eye irritation persists: Get medical advice/attention (P337+P313).
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- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower (P303+P361+P353).
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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).
- Seek medical advice if necessary
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- IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
- Give water or milk to drink
- Get medical advice/attention (P313).

4.2 Most important symptoms and effects, both acute and delayed

- The ingestion of significant quantities may cause chronic pneumonitis

4.3 Indication of any immediate medical attention and special treatment needed

- No information available
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SECTION 5 Fire-fighting measures

5.1 Extinguishing media

- In case of fire: use dry powder/BCF for extinction (P370+P378)
- In case of fire: use carbon dioxide for extinction (P370+P378)
- In case of fire: use water fog for extinction (P370+P378)
- In case of fire: use water, foam or dry agent for extinction (P370+P378)

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
- In case of fire, do not breathe fumes
- Carbon dioxide may be formed
- Carbon oxides may be formed

5.3 Advice for firefighters

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

- 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

SECTION 6 Accidental release measures (....)

- See Section 13
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SECTION 7 Handling and storage

7.1 Precautions for safe handling

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

7.2 Conditions for safe storage, including any incompatibilities

- Store in a well-ventilated place. Keep cool (P403+P235).
- Store in a closed container (P404).
- Keep away from open flames, hot surfaces and sources of ignition.

7.3 Specific end use(s)

- Contact supplier for further information
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SECTION 8 Exposure controls/personal protection

8.1 Control parameters

- TLV (TWA) 275 mg/m³ (Hydrocarbones, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics)

8.2 Exposure controls

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

8.3 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
 - Wear suitable respiratory protection. Gas cartridge (organic substances).
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SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: Hydrocarbon odour
- Appearance: Liquid, light, brown, dispersible in water
- pH - not applicable
- Boiling point 195 °C to 245 °C at 760 mm /Hg
- Vapour pressure - not known
- Density 0,8 g/cm³ at 20 deg C
- 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

9.2 Other information

- No information available
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SECTION 10 Stability and reactivity

10.1 Reactivity

SECTION 10 Stability and reactivity (....)

- This article is considered stable under normal conditions
 - 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
 - Keep away from heat and sources of ignition
 - 10.5 Incompatible materials
 - Incompatible with strong oxidizing substances
 - Incompatible with acid
 - 10.6 Hazardous Decomposition Products
 - Decomposition products may include carbon dioxide
 - Decomposition products may include carbon oxides
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SECTION 11 Toxicological information

- 11.1 Information on toxicological effects
 - LD50 (oral, rat) (Hydrocarbones) >5000 mg/kg
 - 11.2 Contact with eyes
 - In cases of severe exposure, redness and irritation may develop
 - 11.3 Contact with skin
 - Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis
 - 11.4 Ingestion
 - May cause gastro-intestinal disturbances
 - The ingestion of significant quantities may cause damage to lungs
 - 11.5 Inhalation
 - Inhalation of solvent vapours may give rise to nausea, headaches and dizziness
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SECTION 12 Ecological information

- 12.1 Toxicity
 - LC50 (fish) (Hydrokarbones) >100 mg/l (96 hr)
 - EC50 (daphnia) (Hydrokarbones) >100 mg/l (48 hr)
 - Biodegradability. OECD-test. 28 days >60 % (Hydrokarbones)
 - This product has been approved by the UK Department for Environment, Food, & Rural Affairs for use as a type 1 oil spill dispersant.
 - 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
 - Bioaccumulation of the components in this product is insignificant.
- 12.4 Mobility in soil
 - Emulsifies in water
- 12.5 Results of PBT and vPvB assessment
 - Not a PBT according to REACH Annex XIII
- 12.6 Other Adverse Effects

SECTION 12 Ecological information (....)

- No information available
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SECTION 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

13.2 Classification

- EU Waste class: 07 01 01
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SECTION 14 Transport information

14.1 UN

- UN No.: Not applicable
- 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
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SECTION 15 Regulatory information

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

- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- Dangerous Substances Directive (67/548/EEC). Classification, packaging and labelling of dangerous substances
- This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006-453/2010
- Danish PR number: 2393275

15.2 Chemical Safety Assessment

- None
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SECTION 16 Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H302: Harmful if swallowed. H304: May be fatal if swallowed and enters airways. H315: Causes skin irritation. H318: Causes serious eye damage. R22: Harmful if swallowed. R38: Irritating to 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 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

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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SECTION 16 Other information (....)

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