
SAFETY DATA SHEET

SECTION 1 Identification of the substance or preparation and of the company/undertaking**1.1 Product identifier**

- Product Name: SEACARE ECOSPERSE 52
- Product Part Number: 769653 (25 liter), 769661(210 liter)

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

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

1.3 Details of the supplier of the safety data sheet

Name of Supplier:

Head Office:

Wilhelmsen Ships Service AS
Strandveien 20, N1324 Lysaker,
Norway Tel: (47) 6349 440 35

Supplier:

Wilhelmsen Ships Service AS
Willem Barentszstraat 50
3165AB Rotterdam
Telephone: +31 4877 777
Fax: +31 4877 888
The Netherlands

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

1.4 Emergency telephone number

Emergency Telephone: -ONLY TO BE USED IN CASE OF AN INCIDENTNCEC:+

44 1865 407333, CHEMTREC (800) 424 9300

American Chemistry Council +1 703 527 3887,

Greece +30 210 7793777Australia: +61 3 9630 0998

Giftinformasjonsentralen in Norway Tel.: +47 22591300

Wilhelmsen Ships Service, Melbourne, AUSTRALIA Emergency 24hrs: +61 3 9630 0998

****FOR QUOTATIONS PLEASE CONTACT YOUR LOCAL CUSTOMER SERVICES****

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)
- Irritating to skin (R38)
- Risk of serious damage to eyes (R41)
- Symbols: Xi
-
- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
- Eye Dam. 1

SECTION 2 Hazards identification (....)

- Skin Irrit. 2
- Causes serious eye damage (H318).
- Causes skin irritation (H315).
- Signal Word: Danger
- Symbols: GHS05

2.2 Label elements



- Signal Word: Danger
- Eye Dam. 1
- Skin Irrit. 2
-
- Contains:
- Hydrocarbones, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
- 2-methoxymethylethoxypropanol
- Docusate sodium
- Carboxylic acids, di, C6-12 cmpds, with ethanolamine, boric acid cmpd with ethanolamine
- 2-aminoethanol
-
- Hazard phrases
 - Causes serious eye damage (H318).
 - Causes skin irritation (H315).
- 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).
 - IF ON SKIN: Wash with plenty of soap and water (P302+P352).
 - If skin irritation occurs: Get medical advice/attention (P332+P313).
 - Wear protective gloves/protective clothing/eye protection/face protection (P280).
 - Wash hands and working surfaces thoroughly after handling (P264).

2.3 Other hazards

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

SECTION 3 Composition/information on ingredients

3.1 Mixtures

- Hydrocarbones, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
 - Concentration: 15-20%
 - CAS Number: 64742-47-8
 - EC Number: 265-149-8
 - R/H Phrases: R65, R66 - H304, EH066
 - Symbols: Xn, GHS08
 - Categories: Asp. Tox. 1
 - REACH REG. NO: 01-21194566 - 20-43
- 2-methoxymethylethoxypropanol
 - Concentration: 15-20%
 - CAS Number: 34590-94-8
 - EC Number: 252-104-2
 - R/H Phrases: Not applicable
 - Symbols: Not applicable

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

- Categories: Not applicable
REACH REG. NO: 01-21194500 11-60-xxxx
- Docusate sodium
Concentration: 20-25%
CAS Number: 577-11-7
EC Number: 209-406-4
R/H Phrases: R41, R38 - H318, H315
Symbols: Xn, GHS05
Categories: Eye Dam. 1, Skin Irrit. 2
 - Carboxylic acids, di, C6-12 cmpds, with ethanolamine, boric acid cmpd with ethanolamine
Concentration: <2%
CAS Number: Not applicable
EC Number: 400-180-4
R/H Phrases: R36/38 - H319
Symbols: Xi, GHS07
Categories: Eye Irrit. 2
 - 2-aminoethanol
Concentration: <1%
CAS Number: 141-43-5
EC Number: 205-483-3
R/H Phrases: R34, R20/21/22 - H302, H312, H314, H335
Symbols: C, GHS07, GHS05
Categories: Acute Tox. 4, Skin Corr. 1B, STOT SE 3
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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 INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P341).
- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing (P304+P340).
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower (P303+P361+P353).
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting (P301+P330+P331).
- Give water or milk to drink
- Never make an unconscious person vomit or drink fluids
- When in doubt or symptoms persist, seek medical attention

4.2 Most important symptoms and effects, both acute and delayed

- Possible redness and irritation of affected areas
- In cases of severe exposure, breathing difficulty may develop
- In cases of severe exposure, coughing may develop
- In cases of severe exposure, dizziness may develop
- In cases of severe exposure, headache may develop
- In cases of severe exposure, nausea/vomiting may develop
- The ingestion of significant quantities may cause gastro-intestinal disturbances

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 water, carbon dioxide or dry agent for extinction (P370+P378)
-

SECTION 5 Fire-fighting measures (....)

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: (P370)
- Carbon oxides may be formed
- Carbon dioxide may be formed
- Decomposition products may include flammable hydrocarbon fragments

5.3 Advice for firefighters

- Wear chemical protection suit and 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
- Shut off all ignition sources

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
- Place in sealable container
- Seal containers and label them
- Remove contaminated material to safe location for subsequent disposal

6.4 Reference to other sections

- 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).
- Avoid breathing dust/fume/gas/mist/vapours/spray (P261).
- 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).
- Avoid contact with acid
- Keep away from open flames, hot surfaces and sources of ignition.

7.3 Specific end use(s)

SECTION 8 Exposure controls/personal protection

8.1 Control parameters

- Hydrocarbones, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
TLV (TWA) 275 mg/m³ ()
- 2-methoxymethylethoxypropanol
TLV (TWA) 300 mg/m³ ()

8.2 Exposure controls

- Ensure adequate ventilation
-

SECTION 8 Exposure controls/personal protection (....)

8.3 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
 - Wear suitable respiratory protection. Gas cartridge (organic substances).
-

SECTION 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Odour: Characteristic odour
- Appearance: Liquid, dispersible in water, light, brown
- Boiling point >150 °C to 760 °C
- Density 0,990 - 1,015 g/cm³ at 20 deg C
- Flash point ~ 65 deg C (CC)
- Viscosity 30,1 - 36,7 cST @ 20 deg C

9.2 Other information

- No information available
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SECTION 10 Stability and reactivity

10.1 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 naked flames, incandescent or hot surfaces
- Avoid overheating

10.5 Incompatible materials

- Incompatible with acid
- Incompatible with oxidizing substances

10.6 Hazardous Decomposition Products

- Decomposition products may include toxic gas
 - Decomposition products may include carbon dioxide
 - Decomposition products may include carbon oxides
 - Decomposition products may include flammable hydrocarbon fragments
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SECTION 11 Toxicological information

11.1 Information on toxicological effects

- LD50 (oral,rat) (Docusate sodium) >2100 mg/kg
- LD50 (oral,rat) (Hydrocarbones) >5000 mg/kg
- LD50 (oral,rat) ((2-methoxymethylethoxy)propanol) 5230 mg/kg
- LD50 (oral,rat) (Ethanolamine) 1720 mg/kg

11.2 Contact with eyes

- Causes severe irritation
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SECTION 11 Toxicological information (....)

11.3 Contact with skin

- Causes irritation
- 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
 - Vapours or aerosols may cause irritation of eyes, nose and respiratory tract
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SECTION 12 Ecological information

12.1 Toxicity

- LC50 (fish) (Docusate sodium) 49 mg/l (96 hr)
- LC50 (fish) (Hydrocarbones) >1000 mg/l (96 hr)
- LC50 (fish) (2-methoxymethylethoxy)propanol) >10000 mg/l (28 DAYS - 672 hr)
- LC50 (fish) (Ethanolamine) >200 mg/l (96 hr)
- Biodegradability. OECD-test. 28 days >60 % (Hydrocarbones)
- This product has been approved by the UK Department for Environment, Food, & Rural Affairs for use as a type 2/3 oil spill dispersant.

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.

12.4 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

- Not applicable
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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
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SECTION 14 Transport information

Not classified as hazardous for transport

14.1 UN

- UN No.: Not applicable
 - Proper Shipping Name: Not applicable
 - Hazard Class: Not applicable
 - Packing Group: Not applicable
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SECTION 14 Transport information (....)

14.2 Environmental hazards

- Not Classified

14.3 Special precautions for user

- Not classified as hazardous for transport

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
- ADR subrisk: Not applicable
- ADR Flashpoint: 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
- IMDG subrisk: Not applicable
- IMDG Flashpoint: 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
- ICAO subrisk: Not applicable
- ICAO Flashpoint: 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
 - Hazardous Material: Not applicable
 - Hazard Class: Not applicable
 - DOT subrisk: Not applicable
 - DOT Flashpoint: Not applicable
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SECTION 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.
- This Safety Data Sheet is provided in compliance with The Dangerous Substances Directive (67/548/EEC)
- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- Regulations 1272/2008/EEC. Classification, labeling and packing of dangerous substances and preparations
- Norwegian Productregistration no: 309755

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:- H302: Harmful if swallowed. H304: May be fatal if swallowed and enters airways. H312: Harmful in contact with skin. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H318: Causes serious eye damage. H319: Causes serious eye irritation. H335: May cause respiratory irritation. R20/21/22: Harmful by inhalation, in contact with skin and if swallowed. R34: Causes burns. R36/38: Irritating to eyes and skin. 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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