

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

1.1. Product identifier

Product form : Mixture
 Product name : ECODIS

 Type of product : Cleaner
 Product group : Blend

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

1.2.1. Relevant identified uses

Main use category : Industrial use
 Industrial/Professional use spec : Industrial
 For professional use only
 Function or use category : Cleaning/washing agents and additives

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

UNIMARINE SERVICES INC.
 60 MARKET SQUARE
 PO BOX 364
 BELIZE CITY
 T +35725331054
info@unimarine-services.com

1.4. Emergency telephone number

Emergency number : +35725331054

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)
- Do not breathe spray/mists (S23)
- Do not breathe vapour/fumes (S23)
- Wear suitable protective clothing, eye/face protection and gloves (S36/37/39)
- If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label (S62)
- Classification according to Regulation (EC) No 1272/2008
- Asp. Tox. 1

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



Signal word (CLP) : Danger

Hazard statements (CLP) : May be fatal if swallowed and enters airways (H304).
 Repeated exposure may cause skin dryness or cracking (EUH066).

Precautionary statements (CLP) : 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).

ECODIS

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

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. Substances

Not applicable

3.2. Mixtures

- Hydrocarbones, C11-C14, n-alkanes, isoalkanes, cyclics, <2% aromatics
 REACH No.: 01-2119456620-43-0000
 Concentration: 60-90% CAS Number: Not applicable EC
 Number: 926-141-6
 R/H Phrases: R65, R66, H304, EUH66
 Symbols: Xn Categories: Asp. Tox. 1

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).
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower (P303+P361+P353).
- 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
- 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

Treat symptomatically.

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

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

ECODIS

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

- Wear protective clothing as per section 8

6.2. Environmental precautions

Avoid release to the environment.

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

For further information refer to section 13.

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

- 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)

No additional information available

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 / Occupational exposure controls

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



- 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

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 additional information available

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

ECODIS

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

- 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

SECTION 11: Toxicological information

11 Information on toxicological effects

11.1 Information on toxicological effects

- No experimental data available

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

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

ECODIS

- The components in this product are readily biodegradable.

12.3. Bioaccumulative 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

ECODIS

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

12.6. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste) : Disposal must be done according to official regulations.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

14.1. UN number

UN-No. (ADR) : Not applicable
 UN-No. (IMDG) : Not applicable
 UN-No. (IATA) : Not applicable
 UN-No. (ADN) : Not applicable
 UN-No. (RID) : Not applicable

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not applicable
 Proper Shipping Name (IMDG) : Not applicable
 Proper Shipping Name (IATA) : Not applicable
 Proper Shipping Name (ADN) : Not applicable
 Proper Shipping Name (RID) : Not applicable

14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not applicable

IMDG

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

ADN

Transport hazard class(es) (ADN) : Not applicable

RID

Transport hazard class(es) (RID) : Not applicable

14.4. Packing group

Packing group (ADR) : Not applicable
 Packing group (IMDG) : Not applicable
 Packing group (IATA) : Not applicable
 Packing group (ADN) : Not applicable
 Packing group (RID) : Not applicable

14.5. Environmental hazards

Dangerous for the environment : No
 Marine pollutant : No
 Other information : No supplementary information available

14.6. Special precautions for user

- Overland transport

Not applicable

- Transport by sea

Not applicable

- Air transport

Not applicable

ECODIS

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

- Inland waterway transport

Not applicable

- Rail transport

Not applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

- 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 , non-ionic surfactants , anionic surfactants
- Anionic surfactants <5 %
- Nonionic surfactants 5-15 %
- Aliphatic hydrocarbons <30 %
- Offshore product registration number: Danish PR number: 1361845
- Council Directive 1999/45/EEC Classification, packing and labelling of dangerous preparations.
- Refer to The Dangerous Substances Directive (67/548/EEC)
- This Safety Data Sheet is provided in compliance with the EC Directive 1907/2006- 453/2010

15.2. Chemical safety assessment

No additional information available

SECTION 16: Other information

The information contained herein relates only to the specific material identified. Unimarine Services Inc. Believes that such information is accurate and reliable as of the date of this material safety data sheet, but no representation, guarantee or warranty, express or implied, is made as to the accuracy, reliability, or completeness of the information. Unimarine Services Inc. urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application

SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product