

SAFETY DATA SHEET

Ocean D7 Diamond Emulsifier

Commission Regulation (EU) No 2015/830 of 28 May 2015. According to Regulation (EC) No 1907/2006, Annex II, as amended.

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

1.1. Product identifier

Product name Ocean D7 Diamond Emulsifier

Product number A0938

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

Identified uses Detergent. Cleaning agent.

1.3. Details of the supplier of the safety data sheet

Supplier ABLE CLEANING AND HYGIENE SUPPLIES
27-33 THREXTON INDUS EST
WATTON
NORFOLK
IP25 6NG
Tel: 01953 885 661

1.4. Emergency telephone number

Emergency telephone 01953 885 661 (7.30am - 4.30pm)

National emergency telephone number NHS Direct 111 (GB) National Poisons Information Service Tel: +44 344 892 0111 (UK) - Medical Professionals Only National Poisons Information Centre Tel: +353 (01) 809 2566 (Ireland) - Healthcare Professionals only (24 hour service)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Eye Dam. 1 - H318

Environmental hazards Not Classified

2.2. Label elements

Hazard pictograms



Signal word Danger

Hazard statements H318 Causes serious eye damage.

Precautionary statements P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/ doctor.

Contains PEG-5 C13 Oxo Alcohol, PEG-7-C10 Oxo Alcohol

Detergent labelling 15 - < 30% non-ionic surfactants, 5 - < 15% aliphatic hydrocarbons, < 5% optical brighteners, < 5% perfumes

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Ocean D7 Diamond Emulsifier

PEG-5 C13 Oxo Alcohol 15-30% CAS number: 69011-36-5
Classification Eye Dam. 1 - H318 Aquatic Chronic 3 - H412
PEG-7-C10 Oxo Alcohol 10-15% CAS number: 68439-45-2 EC number: 614-481-5
Classification Acute Tox. 4 - H302 Eye Dam. 1 - H318
MONOPROPYLENE GLYCOL 5-10% CAS number: 57-55-6 EC number: 200-338-0 REACH registration number: 01-2119456809-23-XXXX
Classification Not Classified
ETHANOL 3-5% CAS number: 64-17-5 EC number: 200-578-6 REACH registration number: 01-2119457610-43-XXXX
Classification Flam. Liq. 2 - H225
METHANOL <1% CAS number: 67-56-1 EC number: 200-659-6
Classification Flam. Liq. 2 - H225 Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 3 - H331 STOT SE 1 - H370

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Non-volatile liquid product.
Ingestion	Never give anything by mouth to an unconscious person. Do not induce vomiting. Promptly get affected person to drink large volumes of water to dilute the swallowed chemical. Give milk instead of water if readily available. Get medical attention immediately.
Skin contact	Remove contaminated clothing. Rinse immediately with plenty of water. Get medical attention promptly if symptoms occur after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation	This is unlikely to occur but symptoms similar to those of ingestion may develop.
-------------------	---

Ocean D7 Diamond Emulsifier

Ingestion	May cause stomach pain or vomiting.
Skin contact	Skin irritation.
Eye contact	Severe irritation, burning and tearing.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor	No specific recommendations. If in doubt, get medical attention promptly.
----------------------	---

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Use fire-extinguishing media suitable for the surrounding fire.
------------------------------	---

5.2. Special hazards arising from the substance or mixture

Specific hazards	Fire or high temperatures create: Vapours/gases/fumes of: Oxides of the following substances: Carbon. No unusual fire or explosion hazards noted.
Hazardous combustion products	Fire or high temperatures create: Oxides of: Carbon.

5.3. Advice for firefighters

Protective actions during firefighting	If risk of water pollution occurs, notify appropriate authorities. Control run-off water by containing and keeping it out of sewers and watercourses.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet.
----------------------	---

6.2. Environmental precautions

Environmental precautions	Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.
---------------------------	---

6.3. Methods and material for containment and cleaning up

Methods for cleaning up	Absorb in vermiculite, dry sand or earth and place into containers. Flush spilled material into suitable retaining areas or container with large quantities of water.
-------------------------	---

6.4. Reference to other sections

Reference to other sections	Wear protective clothing as described in Section 8 of this safety data sheet. Collect and dispose of spillage as indicated in Section 13.
-----------------------------	---

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions	Avoid spilling. Wear suitable protective equipment for prolonged exposure and/or high concentrations of vapours, spray or mist. Avoid contact with skin and eyes.
-------------------	---

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions	Keep above the chemical's freezing point to avoid rupturing the container. Keep container tightly closed.
Storage class	Chemical storage.

7.3. Specific end use(s)

Specific end use(s)	The identified uses for this product are detailed in Section 1.2.
---------------------	---

SECTION 8: Exposure controls/Personal protection

8.1. Control parameters

Occupational exposure limits
MONOPROPYLENE GLYCOL

Ocean D7 Diamond Emulsifier

Long-term exposure limit (8-hour TWA): WEL 150 ppm 474 mg/m³ total vapour and particulates

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ particulate

ETHANOL

Long-term exposure limit (8-hour TWA): WEL 1000 ppm 1920 mg/m³

METHANOL

Long-term exposure limit (8-hour TWA): WEL 200 ppm 266 mg/m³

Short-term exposure limit (15-minute): WEL 250 ppm 333 mg/m³

Sk

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through the skin.

MONOPROPYLENE GLYCOL (CAS: 57-55-6)

DNEL

Workers - Inhalation; Long term systemic effects: 186 mg/m³

Workers - Inhalation; Long term local effects: 10 mg/m³

General population - Inhalation; Long term systemic effects: 50 mg/m³

General population - Inhalation; Long term local effects: 10 mg/m³

PNEL

- Fresh water; 206 mg/l

- marine water; 26 mg/l

- Sediment (Freshwater); 572 mg/l

- Sediment (Marinewater); 57.2 mg/l

- Soil; 50 mg/kg dw

- STP; 20000 mg/l

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

No specific ventilation requirements.

Eye/face protection

The following protection should be worn: Chemical splash goggles.

Hand protection

Wear protective gloves made of the following material: Neoprene. Nitrile rubber. Polyethylene. Polyvinyl chloride (PVC).

Other skin and body protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

Do not eat, drink or smoke when using this product.

Respiratory protection

No specific recommendations. Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Liquid.
Colour	Blue-green.
Odour	Mild (or faint).
pH	pH (concentrated solution): 6-8
Relative density	~ 0.985 @ 20°C
Solubility(ies)	Soluble in water.

9.2. Other information

Other information	Not determined.
-------------------	-----------------

Ocean D7 Diamond Emulsifier

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability No particular stability concerns.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions No potentially hazardous reactions known.

10.4. Conditions to avoid

Conditions to avoid Avoid contact with the following materials: Oxidising agents. Reducing agents.

10.5. Incompatible materials

Materials to avoid Strong oxidising agents. Strong reducing agents.

10.6. Hazardous decomposition products

Hazardous decomposition products In case of fire, toxic gases (CO, CO₂, NO_x) may be formed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 4,771.43

Acute toxicity - dermal

ATE dermal (mg/kg) 150,000.0

Acute toxicity - inhalation

ATE inhalation (vapours mg/l) 1,500.0

Inhalation

This is unlikely to occur but symptoms similar to those of ingestion may develop.

Ingestion

Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

Skin contact

Irritating to skin.

Eye contact

Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.

Acute and chronic health hazards

Repeated exposure may cause chronic eye irritation. Mild dermatitis, allergic skin rash.

SECTION 12: Ecological information

Ecotoxicity

The levels of environmentally hazardous materials are below the limit that would cause the preparation to be classified as Dangerous to the Environment.

12.1. Toxicity

Toxicity Not considered toxic to fish.

12.2. Persistence and degradability

Persistence and degradability The surfactant(s) contained in this product complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them at their direct request, or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

Ocean D7 Diamond Emulsifier

Mobility The product is non-volatile.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Dispose of in accordance with Local Authority Regulations

EURAL Code

SECTION 14: Transport information

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Transport labels

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

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

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

SECTION 15: Regulatory information

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

National regulations Health and Safety at Work etc. Act 1974 (as amended).
CHiP
The Control of Substances Hazardous to Health Regulations

EU legislation Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision comments Revision is to change emergency telephone number

Revision date 11/02/2019

Ocean D7 Diamond Emulsifier

Revision	4
Supersedes date	12/12/2018
SDS number	7197/22508
Hazard statements in full	H225 Highly flammable liquid and vapour. H301 Toxic if swallowed. H302 Harmful if swallowed. H311 Toxic in contact with skin. H318 Causes serious eye damage. H331 Toxic if inhaled. H370 Causes damage to organs . H412 Harmful to aquatic life with long lasting effects.