

Safety Data Sheet

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According to REACH Regulation EC No. 1907/2006, Annex II

Version No.4

OCEANIC YELLOW LTF

Date of issue: 13.03.2009

*1. Identification of the substance/ preparation and of the company/undertaking

Product details**Trade name:** OCEANIC YELLOW LTF**Application of the substance:** A leak tracer dye for use in hydraulic fluids for the Offshore Oil and Gas Industry**Manufacturer/Supplier:** MacDermid Canning Limited
Cale Lane, New Springs
Wigan, Lancashire
WN2 1JR. UK
Phone: + 44 (0) 1942 501000
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Email: offshore@macdermid.com
Web: <http://www.macdermid.com/offshore>**Email contact:** Phil Lea; plea@macdermid.com or Louise Whitter; lwhitter@macdermid.com**Emergency phone number:** Telephone + 44 (0) 1942 501000

*2. Hazards identification

Hazards description:

Xi - Irritant

Information concerning particular hazards for human and environment:

Xi; R36/38 – Irritating to eyes and skin

Classification system:

The classification is according to the latest editions of the EU lists, and extended by company and literature data.

*3. Composition/information on ingredients

Chemical characterisation**Description:** Leak tracer dye**Dangerous components:**

Component	CAS No.	EINECS No.	Classification	Concentration
disodium 2-(3-oxo-6-oxidoxanthen-9-yl)benzoate	Confidential	Confidential	Xi; R36/38	30 – 60 %

Additional information: For the wording of the listed risk phrases refer to section 16.

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*4. First-aid measures

After inhalation: Remove to well ventilated area, seek medical attention if adverse reaction occurs.

After skin contact: Wash with soap and water. Launder contaminated clothing before re-use. If irritation occurs seek medical attention.

After eye contact: Rinse the eye with fresh water for at least 15 minutes. If discomfort persists seek medical attention.

After swallowing: Give milk or water to drink. DO NOT induce vomiting, although the casualty may be allowed to vomit naturally. Seek medical attention urgently.

5. Fire-fighting measures

Suitable extinguishing agents:

Water spray, carbon dioxide or foam.

Special hazards caused by the substance, its products of combustion or resulting gases:

Oxides of: Sulphur, Nitrogen, Carbon

Protective equipment:

Self-contained breathing apparatus and full protective clothing required.

Additional information:

6. Accidental release measures

Person-related safety precautions:

Gloves and eye protection should be worn when handling the product.

Measures for environmental protection:

Prevent the spillage entering drains and watercourses.

Measures for cleaning/collecting:

Dye can be neutralised out by the addition of bleach, ideally at strength of less than 5% and flushed to foul drainage. Larger spill: Wash down area with dilute bleach.

*7. Handling and storage

Information for safe handling:

Gloves and eye protection should be worn when handling the product.

Storage:

Store in a cool dry area with adequate ventilation.

Requirements to be met by storerooms and receptacles:

Store in dry conditions away from heat and direct sunlight, preferably in a bunded area.

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*8. Exposure controls/personal protection

Ingredients with limit values that require monitoring in the workplace:

Personal protective equipment:

General protective and hygienic measures:

Adhere to good laboratory practice (GLP).

Wash hands before breaks and at the end of work.

Protection of hands:

Protective gloves should be worn.

Material of gloves:

We recommend latex, neoprene, nitrile or natural rubber.

Penetration time of glove material:

Penetration time > 8 hours.

Eye protection:

Safety glasses should be worn. Goggles or a face shield are recommended where there is a risk of accidental splashing.

Body protection:

Overalls should be worn when handling the product.

*9. Physical and chemical properties

General information:

Form: Liquid

Colour: Dark orange

Odour: None

Change in condition:

Melting point/Melting range: 0°C

Boiling point/Boiling range: 100°C

Flashpoint: Not applicable

Self-igniting: Not applicable

Danger of explosion: Not applicable

Vapour pressure: Not determined

Specific gravity: 1.20 – 1.21 @ 20°C

Solubility: Completely miscible with water

Viscosity @ 20°C: Not determined

pH value at 20°C: 12 at 2% in water

Other information:

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10. Stability and reactivity

Stability:

Stable under normal temperature conditions

Conditions to avoid:

Avoid contacts with acids

Materials to be avoided:

Avoid contacts with acids

Hazardous decomposition products:

Oxides of carbon, nitrogen and sulphur on combustion

*11. Toxicological information

Acute toxicity:

Not determined.

Primary effects:**After skin contact:**

May cause itching on prolonged contact.

After eye contact:

Irritating to eyes

After ingestion:

May cause stomach pain or vomiting

After inhalation:

Irritation to the nose and upper respiratory tract (only applicable if a mist).

Sensitisation:

No sensitising effects known.

*12. Ecological information

Ecotoxic effects:

Product is biodegradable and does not bioaccumulate.

Aquatic toxicity:

This product is of low toxicity.

*13. Disposal considerations

Product:

The product should be disposed of as hazardous waste, in accordance with local regulations.

Packaging:

Contaminated packaging must be disposed of in the same manner as the product.

Non-contaminated packaging may be recycled. Contact your local service providers for more information.

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*14. Transport information

Land transport ADR/RID (cross border):

Not regulated.

Maritime transport IMDG:

Not regulated.

Air transport ICAO/IATA Class:

Not regulated.

*15. Regulatory information

Labelling according to EC guidelines:

The product has been labelled in accordance with EC directives

Code letter and hazard designation of product:

Xi – Irritant

Risk phrases:

R36/38 – Irritating to eyes and skin

Safety phrases:

S37/39 - Wear suitable gloves and eye/face protection.

*16. Other information

This information is based on our present knowledge and every effort has been made to ensure that the information in this safety data sheet is accurate and reliable. The company does not accept liability for any loss, injury or damage resulting from the use of this product. Data given in this safety data sheet is to be used solely for the guidance in safe handling and use of the product by customers; it does not constitute a specification. Customers are reminded that there may be applications of our products, which are protected by patent, under which they have no rights whatsoever. If any difficulties should arise, we will be happy to discuss them. Customers are encouraged to carry out their own tests.

Before using any product, read the label carefully.

Sources of key data: Suppliers safety data sheets, CHIP Regulations

Relevant R-phrases: R36/38 – Irritating to eyes and skin

Reason for update: Revision according to REACH regulation (EC) No. 1907/2006, Annex II

* Indicates altered section

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