

OIL SLICK DISPERSANTS LIMITED

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SAFETY DATA SHEET

1. IDENTIFICATION OF SUBSTANCE / PREPARATION

SUPERDISPERSANT-25 (UK FEPA and CEDRE France Approved)

2. COMPOSITION / INFORMATION ON INGREDIENTS

Low hazard, proprietary aqueous blend of glycol and glycol ether solvents, combined with a non-ionic and anionic surfactant system. Includes 2-butoxy ethanol below safe concentration limit: CAS 111-76-2 Xn; anionic surfactant CAS 577-11-7 Xi

3. HAZARDS IDENTIFICATION

R36 Irritant to eyes.

4. FIRST AID MEASURES

Inhalation: If problems with breathing occur, remove from exposure, keep warm and at rest. Seek medical attention if breathing problems continue.

Skin contact: Wash the affected area with plenty of water.
Wash or remove any contaminated clothing.
If soreness or redness persists seek medical attention.

Eye contact: Immediately wash the eye with plenty of water for at least ten minutes holding the eye open. Seek medical attention, showing this document or product label.

Ingestion: Wash out mouth with water and give sips of cold water or milk.
DO NOT induce vomiting due to the risk of aspiration.
Seek medical advice.

5. FIRE FIGHTING MEASURES

Superdispersant-25 is not classed as flammable but is combustible.

Flash point (PMCC): 68⁰C

Auto ignition temperature: no data

Fire fighting: Extinguish fires with water spray, foam, dry chemical or carbon dioxide. Keep containers cool with water spray. Fire fighters should wear self-contained breathing apparatus for large fires.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear PVC gloves, goggles, suitable footwear and overalls.

Environmental precautions: The relevant authority should be informed of any large spillage to water course or drain.

Spillage control (small): Absorb with sawdust, sand or earth and transfer to a safe place for licensed disposal. Flush the contaminated area with plenty of water.

(large): Contain the liquid with sand or earth and transfer to a salvage tank if possible; otherwise treat as for small spillages.

7. HANDLING AND STORAGE

Handling: Exposure should be minimised by good industrial hygiene practice.

Storage: Store in mild steel or HDPE drums.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Superdispersant-25 is low hazard and had not been assigned any exposure limits. Exposure limit for constituent substance – 2-butoxy ethanol (workplace exposure limit, 25ppm long term, 50ppm short term.)

Personal protection: (hand)	PVC or rubber gloves.
(eye)	Safety goggles
(skin)	Boots and overalls

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Amber coloured oily liquid.
Odour:	Mild (fatty).
Density @ 20°C:	0.95 - 1.05
pH (neat):	5.5 - 7.5

10. STABILITY AND REACTIVITY

Stability:	Stable under normal storage conditions.
Materials to avoid:	Strong oxidising agents.
Decomposition products:	Burning can produce carbon monoxide and / or carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Inhalation:	Excessive concentrations may result in kidney and liver damage and damage to red blood cells (haemolysis).
Skin:	May be absorbed by the skin and cause irritation and systemic effects.
Eye:	Liquid may cause some irritation, vapour has little effect.
Ingestion:	Excessive concentration may result in sickness and central nervous system depression if large amounts are ingested. LD ₅₀ 3480mg/kg oral rat.

12. ECOLOGICAL INFORMATION

Biodegradable and unlikely to bio-accumulate; will have a high chemical oxygen demand on any water course/sewer.

UK FEPA approved; passes UK Sea and Rocky Shore Tests.
CEDRE (France) approved; passes toxicity and biodegradability tests.

Skeletonema costatum EC₅₀ > 100mg/litre

13. DISPOSAL CONSIDERATIONS

Dispose for further treatment using only licensed waste hauliers and disposal contractors.

14. TRANSPORT INFORMATION

Not classified as hazardous for transport.

15. REGULATORY INFORMATION

Primary risk:	Irritant
Secondary risk:	None
Label risk phrases:	R36
Label safety phrases:	(S2) – Keep out of reach of children (S26) – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. (S46) – If swallowed, seek medical advice and show this container or label.

16. OTHER INFORMATION

References: 1. Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2004.

2. EC Directive 99/45

LIABILITY - The information provided in these safety data sheets is correct to the best of our knowledge at the time of publication. It is given in good faith but no warranty is implied with respect to the quality and specification of the product. The Customer must satisfy themselves that the product is entirely suitable for their own purposes.

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