

SAFETY DATA SHEET

TELGRIND C (CARBIDE GRINDING FLUID)

Issued: 01/01/2011

Revision No: 1

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: TELGRIND C (CARBIDE GRINDING FLUID)

Company name: Global Lubricants Ltd

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients:

• 2-AMINO-2-METHYL-1-PROPANOL 1-10% EINECS: 204-709-8 CAS: 124-68-5
[Xi] R36/38; [-] R52/53

• LACTIC ACID 1-10% CAS: 79-33-4 [Xi] R41; [Xi] R38

• MONOETHANOLAMINE 1-10% EINECS: 205-483-3 CAS: 141-43-5
[Xn] R20; [Xn] R20/21/22; [C] R34

• DIETHYLENE GLYCOL <1% EINECS: 203-872-2 CAS: 000-111-46-6
[Xn] R22

• GLYCERINE (RE-SALE) 1-10% EINECS: 200-289-5 CAS: 56-81-5

• BENZOTRIAZOLE 1-10% CAS: 95-14-7 [Xn] R22; [Xi] R36; [-] R52/53

3. HAZARDS IDENTIFICATION

Main hazards:

Irritating to eyes and skin.

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: No symptoms.

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4. FIRST AID MEASURES (ACTION)

Skin contact: Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Do not induce vomiting. Wash out mouth with water. Give 1 cup of water to drink every 10 minutes. Transfer to hospital as soon as possible.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water spray.

Protection of fire-fighters: Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS.

Turn leaking containers leak-side up to prevent the escape of liquid.

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE

Handling requirements: The usual precautions for handling chemicals should be observed.

Storage conditions: Store in cool, well ventilated area.

Suitable packaging: Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients:

- | | |
|-----------------------|-------------------------------------|
| • MONOETHANOLAMINE | TWA 3ppm |
| • DIETHYLENE GLYCOL | TWA 23 ppm (101 mg/m ³) |
| • GLYCERINE (RE-SALE) | TWA 10 mg/m ³ |

Hand protection: Protective gloves.

Eye protection: Safety glasses.

Skin protection: Protective clothing.

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9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Solubility in water: Highly soluble

pH: 9.0 typical

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Materials to avoid: Acids.

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients:

- 2-AMINO-2-METHYL-1-PROPANOL ORL MUS LD50 2150 mg/kg
ORL RAT LD50 2900 mg/kg
- LACTIC ACID ORL RAT LD50 3730 mg/kg SKN RBT LD50 >2000 mg/kg
- MONOETHANOLAMINE ORL RAT LD50 1500 mg/kg SKN RBT LD50 1000 mg/kg
- DIETHYLENE GLYCOL IVN RAT LD50 6565 mg/kg
- GLYCERINE (RE-SALE) ORL RAT LD50 12600 mg/kg
- BENZOTRIAZOLE ORL RAT LD50 1700 mg/kg

12. ECOLOGICAL INFORMATION

Hazardous ingredients:

- 2-AMINO-2-METHYL-1-PROPANOL FISH 96H LC50 190 mg/kg
- MONOETHANOLAMINE FISH RAINBOW TROUT 96H LC50 150 mg/l
- DIETHYLENE GLYCOL FISH Minnow 96H LC50 >100 mg/l

Persistence and degradability: Ultimately Biodegradable

Bioaccumulative potential: No bioaccumulation potential.

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13. DISPOSAL CONSIDERATIONS

Disposal operations: The user's attention is drawn to the use of local or national regulations regarding disposal.

Disposal of packaging: Dispose of as normal industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

ADR / RID

IMDG / IMO

IATA / ICAO

15. REGULATORY INFORMATION

Hazard symbols: Irritant.



Risk phrases:

R36/38: Irritating to eyes and skin.

Safety phrases:

S2: Keep out of the reach of children.

S24/25: Avoid contact with skin and eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Risk phrases used in s.2:

R36/38: Irritating to eyes and skin.

R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R41: Risk of serious damage to eyes.

R38: Irritating to skin.

R20: Harmful by inhalation.

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed.

R34: Causes burns.

R22: Harmful if swallowed.

R36: Irritating to eyes.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.