

# SAFETY DATA SHEET

## GLOBAL BIOCARE

Issued: 19/02/2012

Revision No: 2

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

**Product name:** GLOBAL BIOCARE

**Company name:** Global Lubricants Ltd

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England

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### 2. COMPOSITION / INFORMATION ON INGREDIENTS

#### Hazardous ingredients:

- PETROLEUM DISTILLATES HYDROTREATED LIGHT 1-10%

EINECS: 265-149-8 CAS: 64742-47-8 [Xn] R65; [Xi] R66

- NAPHTHENIC ACID 1-10%

EINECS: 215-662-8 CAS: 1338-24-5 [Xi] R36/37/38

- BASEOIL - UNSPECIFIED - DISTILLATES (PETROLEUM), HYDROTREATED

HEAVY NAPHTHENIC 1-10% EINECS: 265-155-0 CAS: 64742-52-5

- 2-(2-BUTOXYETHOXY) ETHANOL 1-10% EINECS: 203-961-6 CAS: 000-112-34-5

[Xi] R36

- FATTY ALCOHOL ETHOXYLATE <1% [Xi] R41; [N] R50

- 4,4' METHYL BISMORPHOLINE 1-10% CAS: 5625-90-1 [Xn] R20/21/22;

[Xi] R36/37/38

### 3. HAZARDS IDENTIFICATION

**Main hazards:** Irritating to eyes.

### 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 soreness and redness of the mouth and throat. There may be difficulty swallowing. Nausea and stomach pain may occur. There may be vomiting.

**Inhalation:** Absorption through the lungs can occur causing symptoms similar to those of ingestion.

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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.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Transfer to hospital as soon as possible.

**Inhalation:** Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.

### 5. FIRE-FIGHTING MEASURES

**Extinguishing media:** Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

**Protection of fire-fighters:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Refer to section 8 of SDS for personal protection details. Mark out the contaminated area with signs and prevent access to unauthorised personnel. 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:** Avoid the formation or spread of mists in the air. Avoid direct contact with the substance.

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed. Protect from frost. Locate in good storage conditions.

**Suitable packaging:** Must only be kept in original packaging.

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Hazardous ingredients:

- PETROLEUM DISTILLATES HYDROTREATED LIGHT TWA 5 STEL 10
- BASEOIL - UNSPECIFIED - DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC TWA 5 mg/m<sup>3</sup>

**Engineering measures:** Ensure there is sufficient ventilation of the area.

**Respiratory protection:** Respiratory protection not required.

**Hand protection:** Protective gloves.

**Eye protection:** Safety glasses. Ensure eye bath is to hand.

**Skin protection:** Protective clothing.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**State:** Liquid

**Colour:** Amber

**Odour:** Characteristic odour

**Solubility in water:** Soluble

**Relative density:** 0.950

**pH:** 9.0 @ 5%

### 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Heat.

**Materials to avoid:** Strong oxidising agents. Strong acids.

**Haz. decomp. products:** In combustion emits toxic fumes.

### 11. TOXICOLOGICAL INFORMATION

#### Hazardous ingredients:

- PETROLEUM DISTILLATES HYDROTREATED LIGHT

ORL RAT LD50 >5000 mg/kg

- NAPHTHENIC ACID

ORL RAT LD50 3.0 g/kg

- 2-(2-BUTOXYETHOXY) ETHANOL

ORL RAT LD50 >2000 mg/kg

- FATTY ALCOHOL ETHOXYLATE

ORL RAT LD50 10 mg/kg

SKN RBT LD50 5 ml/kg

- 4,4' METHYL BISMORPHOLINE

ORL RAT LCLO 550 mg/kg

**Routes of exposure:** Refer to section 4 of SDS for routes of exposure and corresponding symptoms.

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### 12. ECOLOGICAL INFORMATION

**Hazardous ingredients:**

- FATTY ALCOHOL ETHOXYLATE  
FISH RAINBOW TROUT 96H LC50 1.8 mg/l
- 4,4' METHYL BISMORPHOLINE  
FISH 96H LC50 55 mg/l

**Mobility:** Readily absorbed into soil.

**Bioaccumulative potential:** No bioaccumulation potential.

**Other adverse effects:** Negligible ecotoxicity.

### 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**

**Shipping name:** Not subject to ADR

**IMDG / IMO**

**IATA / ICAO**

### 15. REGULATORY INFORMATION

**Hazard symbols:** Irritant.



**Risk phrases:**

R36: Irritating to eyes.

**Safety phrases:**

S2: Keep out of the reach of children.

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

S36/39: Wear suitable protective clothing and eye / face protection.

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**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:**

R65: Harmful: may cause lung damage if swallowed.

R66: Repeated exposure may cause skin dryness or cracking.

R36/37/38: Irritating to eyes, respiratory system and skin.

R36: Irritating to eyes.

R41: Risk of serious damage to eyes.

R50: Very toxic to aquatic organisms.

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

**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.

