

# SAFETY DATA SHEET

## GLOBASOL

Issued: 12/04/2012

Revision No: 1

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

**Product name:** GLOBALSOL

**Company name:** Global Lubricants Ltd

13 Sandwell Business Development Centre

Oldbury Road, Smethwick,

West Midlands

B66 1NN

England

Tel: +44 (0)121 5443638

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### 2. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:**

- DIETHYLENE GLYCOL <5% CAS: 111-46-6 [Xn] R22
- BASEOIL - UNSPECIFIED - DISTILLATES (PETROLEUM), HYDROTREATED HEAVY NAPHTHENIC 60-80% EINECS: 265-155-0 CAS: 64742-52-5
- DIETHYLENE GLYCOL MONOBUTYL ETHER <2% CAS: 112-34-5 [Xi] R36

### 3. HAZARDS IDENTIFICATION

**Main hazards:** Undiluted fluid is likely to be 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 irritation of the throat.

**Inhalation:** No symptoms.

### 4. FIRST AID MEASURES (ACTION)

**Skin contact:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

**Eye contact:** Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

**Ingestion:** Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Consult a doctor.

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

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### 5. FIRE-FIGHTING MEASURES

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

**Exposure hazards:** In combustion emits toxic fumes.

**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:** 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:** Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

**Storage conditions:** Store in cool, well ventilated area. Keep container tightly closed.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Hazardous ingredients:

•DIETHYLENE GLYCOL- Oral rat LD50: 12565 mg/kg. Skin rabbit LD50: 11.89 g/kg  
Irritation: eye rabbit, standard Draize: 50 mg mild. Investigated as a tumorigen and reproductive effector.

•BASEOIL - UNSPECIFIED - DISTILLATES (PETROLEUM), HYDROTREATED  
HEAVYNAPHTHENIC TWA 5 mg/m<sup>3</sup>

• DIETHYLENE GLYCOL MONOBUTYL ETHER oral rat LD50: 5660 mg/kg; skin rabbit LD50:2700 MG/KG; irritation eye rabbit, standard draize: 20 mg severe

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

**Hand protection:** Protective gloves.

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

**Skin protection:** Protective clothing.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES

**State:** Liquid  
**Colour:** Amber  
**Odour:** Characteristic odour  
**Solubility in water:** Highly soluble  
**Flash point°C:** >150  
**Relative density:** 0.912  
**pH:** 9.2 @ 20:1 dilution

### 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.  
**Conditions to avoid:** Heat. Protect From Frost.  
**Materials to avoid:** Strong oxidising agents. Strong acids.  
**Haz. decomp. products:** In combustion emits toxic fumes.

### 11. TOXICOLOGICAL INFORMATION

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

### 12. ECOLOGICAL INFORMATION

**Hazardous ingredients:**

**Mobility:** Readily absorbed into soil.

**Persistence and degradability:** Ultimately Biodegradable

**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.

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### 14. TRANSPORT INFORMATION

**ADR / RID**

**Shipping name:** Not subject to ADR

**IMDG / IMO**

**IATA / ICAO**

### 15. REGULATORY INFORMATION

**Risk phrases:**

R22 Harmful if swallowed.

R36/38: Irritating to eyes and skin.

**Safety phrases:**

S24/25: Avoid contact with skin and eyes.

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

S36 Wear suitable protective clothing and eye/face protection

**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

**Other information:** The above classification applies only to the undiluted product.

**Risk phrases used in s.2:**

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.