

**SAFETY DATA SHEET**  
**GLOBAL FIRESAFE 46**

**SAFETY DATA SHEET Ref No.**

**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Trade Name</b>	<b>GLOBAL FIRESAFE 46</b>
<b>Manufacturer/Supplier</b>	Global Lubricants Limited
<b>Address</b>	7 Sandwell Business Development Centre, Oldbury Rd, Smethwick, West Midlands, B66 1NN, England
<b>Phone Number</b>	+44 (0) 121 544 3638
<b>Fax Number</b>	+44 (0) 121 544 3638
<b>Emergency Phone Number</b>	+44 (0) 410 754382

**2. COMPOSITION/INFORMATION ON THE COMPONENTS**

**Composition/Information on Hazardous Ingredients -  
Material**

Monoethylene Glycol	>25%
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**3. HAZARD IDENTIFICATION**

<b>Xn</b>	Harmful if swallowed
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**4. FIRST AID (Effects)**

<b>First Aid - Eyes</b>	May cause discomfort and/or stinging
<b>First Aid - Skin</b>	May cause itching on prolonged contact
<b>First Aid - Ingestion</b>	May cause nausea and/or vomiting. Ingestion of 100ml of ethylene glycol has been proved to be fatal.
<b>First Aid - Inhalation</b>	Not applicable unless as mist. If misting occurs The product will irritate the nose and upper respiratory tract.

#### **4. FIRST AID (Treatment)**

<b>Eye contact</b>	Rinse the eye with fresh water for at least 15 mins. If discomfort persists seek medical attention.
<b>Skin contact</b>	Wash with soap and water. Launder contaminated clothing before re-use. If irritation occurs seek medical attention.
<b>Inhalation</b>	Remove to fresh air.
<b>Ingestion</b>	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**

<b>Suitable extinguishing Media</b>	Not applicable as the product is non flammable.
<b>Exposure Hazards</b>	None known
<b>Protective Equipment for Fire Fighters</b>	Standard issue equipment, self contained breathing apparatus required if misting occurs

#### **6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions</b>	Gloves and eye protection should be worn when handling the product.
<b>Environmental Precautions</b>	Prevent the spillage entering drains and water courses.
<b>Clean up and Neutralisation Methods</b>	Small spillages may be flushed away with a large volume of water. Large spillages should be absorbed using sand, earth or other absorbent materials. Place all absorbed waste into suitable containers for disposal.

#### **7. HANDLING AND STORAGE**

<b>Handling</b>	Gloves and eye protection should be worn when handling the product.
<b>Storage</b>	Store away from foodstuffs.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Technical protective measures</b>	No special measures are required.
<b>Exposure Control Limits</b>	Not determined
<b>Respiratory Protection</b>	Not required under normal conditions of use.
<b>Hand Protection</b>	PVC gloves should be worn if there is a risk of contact with the skin.
<b>Eye/Face Protection</b>	Goggles or a face shield are recommended where there is a risk of accidental splashing.
<b>Skin Protection</b>	Overalls should be worn when handling the product.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State</b>	Mobile Liquid.
<b>Odour</b>	Mild amine
<b>Colour</b>	Fluorescent pink
<b>Flash Point (°C)</b>	N/A
<b>Explosion Limits (%)</b>	N/A
<b>Solubility in Water</b>	Soluble.
<b>Vapour Pressure</b>	2.33 KNm <sup>2</sup>
<b>Vapour Density</b>	Not determined
<b>Viscosity @ 40<sup>o</sup>C</b>	46 centistokes approx.
<b>pH Value</b>	9.3 at 100%
<b>Boiling point/range</b>	100 <sup>o</sup> C
<b>Flammability</b>	None flammable
<b>Auto ignition temperature</b>	N/A
<b>Oxidising properties</b>	Not known
<b>Relative density/specific gravity</b>	Specific gravity = 1.080 at 15.6 <sup>o</sup> C
<b>Solubility in fats and oils</b>	Partially soluble
<b>Partition Coefficient (n-octanol /water)</b>	Not determined

## **10. STABILITY AND REACTIVITY**

<b>Stability</b>	Stable.
<b>Conditions to Avoid</b>	No special precautions
<b>Materials to Avoid</b>	No special precautions.
<b>Hazardous Products</b>	None known.

## **11. TOXICOLOGICAL INFORMATION**

## **12. ECOLOGICAL INFORMATION**

No data known

## **13. DISPOSAL**

#### **14. TRANSPORT INFORMATION**

<b>UN Number</b>	N/A
<b>Packaging Group</b>	N/A
<b>Hazard symbols</b>	N/A
<b>ADR/RID – Class</b>	N/A
<b>IMDG CODE</b>	N/A
<b>EMS No</b>	N/A.
<b>MFAG No</b>	N/A
<b>ICAO/IATA - Class</b>	N/A

#### **15. REGULATORY INFORMATION**

<b>Classification</b>	Xn-harmful
<b>R phrases</b>	R22 – harmful if swallowed.
<b>S phrases</b>	S2- keep out of reach of children
<b>Specific EC controls</b>	
<b>Relevant UK Legislative controls</b>	

#### **16. OTHER INFORMATION**

<b>Recommended Uses &amp; Restrictions</b>	The product is an hydraulic fluid for use in foundries and steel mills.
<b>Sources of key data</b>	Suppliers safety data sheets; CHIP 2 Regulations 1998

Every effort has been made to ensure that the information in this safety data sheet is Accurate and reliable but the company cannot accept liability for any loss, injury or damage which may result from its use. Data given in this safety data sheet is solely for the guidance in safe handling and use of the product by customers – they do 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. Always read the label carefully.