



**Protective Equipment for Fire Fighters**

Standard issue equipment, self contained breathing apparatus required if misting occurs.

**6. ACCIDENTAL RELEASE MEASURES****Personal Precautions**

Gloves and eye protection should be worn when handling the product.

**Environmental Precautions**

Prevent the spillage entering drains and water courses.

**Clean up and Neutralisation Methods**

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****Handling**

Gloves and eye protection should be worn when handling the product.

**Storage**

Store in a cool dry place in tightly closed containers. Store away from foodstuffs and sources of strong heat and oxidising chemicals. Use only in well ventilated areas. Avoid breathing mist or vapour.

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

Not assigned.

**Exposure Values**

Comply with current local occupation exposure limit. It is recommended that oil mists are kept below 5mg/m<sup>3</sup> (8hr TWA value)

**Respiratory Protection**

Use respiratory protection if there is risk of breathing mists or vapours from heated material.(Combination filter A-P3).

**Hand Protection**

PVC gloves should be worn if there is a risk of contact with the skin.

**Eye/Face Protection**

Goggles or a face shield are recommended where there is a risk of accidental splashing.

**Skin Protection**

Overalls should be worn when handling the product.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Physical State**

Mobile Liquid.

**Odour**

Mild

**Flash Point ASTMD93 (°C)**

>200

**Explosion Limits (%)**

N/A

**Solubility in Water**

Partially soluble

<b>Vapour Pressure 20<sup>0</sup>C</b>	<0.1KPa
<b>Vapour Density</b>	Not determined
<b>Viscosity @ 40<sup>0</sup>C</b>	46 centistokes approx.
<b>Boiling point/range</b>	Decomposes before boiling
<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>0</sup> C
<b>Pour point (°C)</b>	< -30

## **10. STABILITY AND REACTIVITY**

<b>Stability</b>	Stable.
<b>Materials to Avoid</b>	Strong mineral acids and oxidising agents.
<b>Hazardous Products</b>	Carbon monoxide, carbon dioxide and aldehydes can be formed on heating

## **11. TOXICOLOGICAL INFORMATION**

<b>Acute toxicity</b>	Low order of toxicity. Oral LD50 (RATS) >500mg/Kg
<b>Irritancy - Eyes</b>	May cause slight transient irritation of eye.
<b>Irritancy – Skin</b>	May cause slight transient irritation of skin.
<b>Skin Sensitisation</b>	No skin sensitisation effects known Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis.
<b>Ingestion</b>	Irritation to mouth, throat and digestive tract. Vomiting & diarrhoea.
<b>Sub chronic toxicity</b>	Repeated exposure to aerosols may result in lung damage.

## **12. ECOLOGICAL INFORMATION**

<b>Mobility</b>	Not expected to bioaccumulate
<b>Persistence /Degradability</b>	Expected to partially or slowly biodegrade.
<b>Ecotoxicity</b>	No data
<b>General</b>	Water hazard class 2 Hazardous for water. Do not allow product to reach ground water, water course or sewage system

## **13. DISPOSAL**

<b>Waste</b>	Send to registered waste disposal site using the services of a registered waste disposal contractor. Ensure conformance with local and national regulations.
<b>Packaging</b>	Labels should not be removed from containers until they have been cleaned. Empty containers may contain hazardous residues. Ensure conformance with local and national regulations.

**Specific areas** As supplied material should be considered as special waste and disposal should conform with the relevant regulations.

**General** Under no circumstances should this product be disposed of by putting into soil or water courses.

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

**Not classified as hazardous for transport**

<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
<b>Marine pollutant</b>	No

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

<b>Classification</b>	Xn-harmful
<b>R phrases</b>	R22 – harmful if swallowed.
<b>S phrases</b>	S24/25- avoid contact with skin and eyes.
<b>Recommended Uses &amp; Restrictions</b>	The product is an industrial lubricant.
<b>Sources of key data</b>	Suppliers safety data sheets; CHIP Regulations, Environmental Protection act. The Health & Safety at work act 1974

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

**Risk phrases used in section2**  
**R22 Harmful if swallowed**

<b>Original Issue Date</b>	<b>20Nov 2003</b>
<b>Revision date</b>	-

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.