

**SAFETY DATA SHEET**  
**GLOBAL LUBRICANTS LTD CHAIN LUBE OIL**  
**10177 1.00 GB Current 21.06.1997**

**SAFETY DATA SHEET Ref No. 10177**

**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Trade Name</b>	<b>CHAIN LUBE OIL</b>
<b>Manufacturer/Supplier</b>	GLOBAL LUBRICANTS LTD
<b>Address</b>	UNIT 7, SANDWELL BUSINESS DEVELOPMENT CENTRE, OLDBURY RD, SMETHWICK, B66 1NN
<b>Phone Number</b>	+44 (0 )121 544 3638
<b>Fax Number</b>	+44 (0) 121 544 6505
<b>Emergency Phone Number</b>	+44 (0) 7710 754382

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

<b>Hazardous Components</b>	<b>No components are present at sufficient concentration to require a hazardous classification for health in accordance with EC legislation.</b>
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**3. HAZARD IDENTIFICATION**

This product is not classified as hazardous under current UK Health & Safety and Environmental Legislation when used in the application for which it is intended. However, prolonged or extensive skin contact with the product may result in skin disorders. The risk of skin disorders may be increased if the product has become contaminated.

**4. FIRST AID MEASURES**

<b>First Aid - Eyes</b>	Flush immediately with running water for at least 15 mins. Seek medical advice if irritation develops.
<b>First Aid - Skin</b>	Wash with soap and water. Remove contaminated clothing. Seek medical attention if irritation develops. Launder contaminated clothing before re-use and discard shoes and other leather articles saturated with the material.
<b>First Aid - Ingestion</b>	Do not induce vomiting. If conscious, give 2 glasses of water and get immediate attention.
<b>First Aid – Inhalation</b>	Remove patient to fresh air if adverse effects are observed.

## **5. FIRE FIGHTING MEASURES**

<b>Flash point:</b>	212 <sup>o</sup> C
<b>Upper flammable limit</b>	Not determined
<b>Lower flammable limit</b>	Not determined
<b>Extinguishing media</b>	Dry chemical, foam, CO <sub>2</sub> , water can be used to cool and protect exposed material.
<b>Fire fighting procedures</b>	Recommend wearing self contained breathing apparatus. Water may cause splattering. Material will float on water. Use water to cool containers expose to fire.
<b>Unusual fire &amp; explosion hazards</b>	Toxic fumes, gases or vapours may evolve on burning.
<b>Auto ignition point</b>	Not determined.
<b>Explosion data</b>	Material does not have explosive properties.

## **6. ACCIDENTAL RELEASE MEASURES**

<b>Spill procedures</b>	Personal protective equipment must be worn, see personal protection section for PPE recommendations. Ventilate area if spilled in confined space or other poorly ventilated areas. Prevent entry into sewers and waterways. Pick up free liquid for recycle and/or disposal. Residual liquid can be absorbed on inert material.
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## **7. HANDLING AND STORAGE**

<b>Handling</b>	Avoid contact with eyes. If splashing is likely to occur wear a full face visor or chemical goggles as appropriate. Avoid frequent or prolonged skin contact with fresh or used product. Good working practises, high standards of personal hygiene and plant cleanliness must be maintained at all times. Wash hands thoroughly after contact. Barrier creams are not a suitable substitute for good hygiene practises and do not necessarily prevent absorption of product through skin. Always consult the manufacturers advice/instructions before use. After washing the application a suitable conditioning cream may help to prevent cracking, fissuring or dryness of the skin. Use disposable cloths and discard when soiled. Do not put soiled clothes into pockets.
<b>Fire prevention</b>	Product soaked rags, paper or material used to absorb spillages represent a fire hazard and should not be allowed to accumulate. Dispose of safely immediately after use.
<b>Storage:</b>	Store under cover away from heat and sources of ignition.

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

<b>Exposure limits</b>	None
<b>Ventilation procedures</b>	Use with adequate ventilation.
<b>Clothing measures</b>	Long sleeved shirt is recommended. When working with heated material wear heat protective clothing. Use chemically protective boots when necessary to avoid contaminating shoes. Do not wear rings, watches or similar apparel that could entrap the material and cause skin reaction.
<b>Respiratory</b>	Under normal use conditions, respirator is not usually required. Use NIOSH/MSHA approved disposable dust/mist mask if the recommended exposure limit is exceeded.
<b>Hand</b>	Neoprene. Polyvinyl alcohol. Note: Polyvinyl alcohol gloves are water soluble and should not be used when there is potential for water contact.
<b>Eyes</b>	Safety glasses.

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

<b>Appearance</b>	Clear & Bright 4
<b>Specific gravity</b>	0.895
<b>Boiling Point</b>	Not determined
<b>Solubility in Water</b>	Insoluble
<b>Vapour pressure</b>	Not determined
<b>Viscosity @ 40°C</b>	68
<b>@ 100°C</b>	9.4
<b>Percent volatile</b>	Unknown
<b>pH</b>	Not determined
<b>Vapour density</b>	Not determined
<b>Evaporation rate</b>	Not determined
<b>Odour threshold</b>	Unknown
<b>Pour point °C</b>	-36

## **10. STABILITY AND REACTIVITY**

<b>Stability</b>	Material is normally stable at moderately elevated temperatures and pressures.
<b>Incompatibility</b>	None known. Avoid contact with reactive chemicals.
<b>Polymerization</b>	Will not occur.
<b>Thermal decomposition Products</b>	Smoke, carbon monoxide, aldehydes and other products of incomplete combustion. Hydrogen sulphide and alkyl mercaptans and sulphides may also be released.

## **11. TOXICOLOGICAL INFORMATION**

<b>Dermal Toxicity</b>	The LD50 in rabbits is >2000mg/kg. Based on data from components or similar materials.
<b>Eye Irritation</b>	Unlikely to cause more than transient stinging or redness if accidental eye contact occurs.
<b>Skin Irritation:</b>	Not expected to be a primary skin irritant. Based on data from components or similar materials. Prolonged or repeated skin contact as from clothing wet with material may cause dermatitis. Symptoms may include redness, oedema, drying, defatting and cracking of skin.
<b>Respiratory Irritation:</b>	If material is misted or if vapours are generated from heating, exposure may cause irritation of mucous membranes and the upper respiratory tract. Based on data from components and similar materials.
<b>Inhalation Toxicity:</b>	No data available to indicate product or components may be a toxic inhalation hazard.
<b>Oral toxicity:</b>	The LD50 in rats is >5000mg/kg based on data from components or similar materials.
<b>Dermal sensitization:</b>	No data available to indicate product or components may be a skin sensitizer.
<b>Inhalation sensitisation:</b>	No data available to indicate product or components may be respiratory sensitizer.
<b>Chronic toxicity:</b>	No data available to indicate product or components present at greater than 1% are chronic health hazards.
<b>Carcinogenicity:</b>	No data available to indicate any components present at greater than 0.1% may be present a carcinogenic hazard.
<b>Reproductive toxicity:</b>	NO data available to indicate either product or components present at greater than 0.1% that may cause reproductive toxicity.
<b>Teratogenicity:</b>	No data available to indicate product or any components contained at greater than 0.1% that may cause birth defects.
<b>Other:</b>	No other health hazards known. Contains mineral oil. Under conditions which may generate mists, observe the U.S.OSHA PEL of 5mg per cubic metre, ACGIH STEL of 10mg per cubic metre.

## **12. ECOLOGICAL INFORMATION**

<b>Water</b>	The individual components range from readily to poorly biodegradable. Mineral oil itself has limited biodegradability when tested by method CEC-L-33-T-82. If released to water the product may deplete the oxygen supply to bottom dwelling organisms.
<b>Soil</b>	Small quantities will be absorbed in the upper soil layers where biodegradation may take place. Large quantities may penetrate into anaerobic soil layers in which some of the organic compounds (eg mineral oil) may persist. Some components will be capable of penetrating the soil to cause ground water contamination.
<b>Aquatic toxicity</b>	May be harmful to aquatic organisms. Spills may form a film on water surfaces causing physical damage to organisms. Oxygen transfer could also be impaired.

## **13. DISPOSAL**

**All means of disposal should comply with local regulations and the Environmental protection Act 1990. Where possible, arrange for product to be recycled. Dispose of via an authorised person/licensed waste disposal contractor in accordance with local regulations.**

**Incinerations may be carried out under controlled conditions provided that local regulations are met. Dispose of product and container carefully. Do not dispose of near ponds, ditches, down drains or onto soil.**

## **14. TRANSPORT INFORMATION**

UN No:	N/A
IMDG	N/A
ICAO	N/A
ADR/RID	N/A

## **15. REGULATORY INFORMATION**

<b>Hazard label</b>	This product is not classed as dangerous for supply in the UK.
<b>EC Directives</b>	Framework Waste Directive, 91/156/EEC, Waste Oil Directive 87/101/EEC
<b>Statutory Instruments</b>	The Health & Safety at Work Act 1990, Control of Substances Hazardous to Health Regulations 1988, Chemicals Hazard Information & Packaging Regulations 1993.

## **16. OTHER INFORMATION**

Product Use	For industrial use only.
MSDS first issued	21.06.97
MSDS data revised	