

**SAFETY DATA SHEET**  
**GLOBALKOTE LD FLUID**

SAFETY DATA SHEET Ref No. 10153

**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Trade Name</b>	GLOBALKOTE LD FLUID
<b>Product Type</b>	RUST PREVENTATIVE
<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 6505
<b>Emergency Phone Number</b>	+44 (0) 710 754382

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

<b>Composition:</b>	Hydrocarbon solvent, mineral oil and film forming corrosion preventatives		
<b>Hazard Ingredients</b>	<b>% Mass</b>	<b>R Phrases</b>	<b>Cas No:</b>
Naphtha (petroleum), hydrotreated heavy	40-80	R10/65	64742-48-9

**3. HAZARD IDENTIFICATION**

**FLAMMABLE**

**Harmful by inhalation and if swallowed**

**Skin contact may cause defatting and irritation**

**Mist or vapours may cause irritation to the respiratory tract (see Section 11)**

**Eye irritation can be caused by the liquid or vapour**

**4. FIRST AID MEASURES**

<b>First Aid - Eyes</b>	Promptly wash eyes with plenty of water while lifting the eye lids. Get medical attention if any discomfort continues. Continue for at least 15 mins.
<b>First Aid - Skin</b>	Promptly wash contaminated skin with soap or mild detergent. Promptly remove any clothing. Obtain medical attention if symptoms occur after washing.
<b>First Aid - Ingestion</b>	NEVER MAKE AN UNCONSCIOUS PERSON VOMIT OR DRINK FLUIDS. Obtain medical attention. Rinse mouth thoroughly with water and give large amounts of milk or water. DO NOT induce vomiting. Beware of aspiration if vomiting occurs.
<b>First Aid - Inhalation</b>	Remove from exposure.

## **5. FIRE FIGHTING MEASURES**

<b>Extinguishing Media</b>	Use foam, dry powder or CO <sub>2</sub>
<b>Flash point (°C, pmcc)</b>	40°C min
<b>Flammability</b>	This product is FLAMMABLE
<b>Products of combustion</b>	Mainly oxides of carbon with small amounts of unidentified organic compounds.

## **6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions</b>	Immediately issue NO SMOKING and NO NAKED FLAMES warnings. Isolate all electrical ignition sources. Spilt product presents a significant slip hazard.
<b>Environmental Precautions</b>	Prevent entry into drains, sewers or water courses Risk of concentrating explosive vapours.
<b>Decontamination Procedures</b>	Soak up with inert absorbent or contain and remove by best available means. Dispose of as flammable waste.

## **7. HANDLING AND STORAGE**

**Keep containers tightly closed**

**Store drums undercover in racking protected from mechanical impact. If stored outside ingress of water should be avoided e.g. by placing containers on their side.**

**Avoid sources of ignition**

**A bunded storage area may be required**

**Compatible with most common metals**

**May soften certain rubbers**

**Provide suitable mechanical equipment for the safe handling of drums and heavy packages**

**Storage temperature: 5 – 30°C**

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

<b>Occupational Exposure Limits</b>	<b><u>Substance</u></b>	<b><u>8 Hour TWA</u></b>	<b><u>STEL 10 mins</u></b>
	Naphtha (petroleum) Hydrotreated heavy	800 mgM <sup>-3</sup>	No std
<b>Source / Other information Engineering Control Measures</b>	EH 40 Local exhaust ventilation is recommended All equipment must be electrically grounded. Use flameproof equipment and isolate all potential sources of ignition. Mechanical methods to minimise exposure must take precedence over personal protective measures.		
<b>Personal Protection</b>	Safety glasses, impervious gloves (e.g. PVC), plastic apron. Change contaminated clothing immediately and clean before re-use. In case of insufficient ventilation wear suitable respiratory equipment.		

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

Physical State	Liquid.
Appearance	Clear brown fluid
Colour	Brown.
Odour	Characteristic of hydrocarbon solvent.
Boiling Point/Range	150 - 250 (°C)
Flash Point	40 (°C) min
Explosive Properties (%)	0.6 – 3.0 %
Solubility in Water	Insoluble
Vapour Pressure (kPa @ 20 °C)	Not determined
Density (gcm <sup>-3</sup> @ 15 <sup>0</sup> C)	0.815 typical
Auto-flammability (°C)	Autoignition temperature above 200.

## **10. STABILITY AND REACTIVITY**

<b>Stability</b>	Stable, will not polymerise
<b>Conditions to Avoid</b>	Temperatures in excess of 30 °C. Any sources of ignition
<b>Materials to Avoid</b>	Strong oxidising agents.
<b>Hazardous Products decomposition.</b>	Irritant fumes. Do not breathe products of decomposition.

## 11. TOXICOLOGICAL INFORMATION

The following toxicological assessment is based on a knowledge of the toxicity of the products components. Estimated oral LD<sub>50</sub> rat > 2g/kg. Estimated dermal LD<sub>50</sub> rabbit >2g/kg.

### Health Effects

<b>On eyes:</b>	Causes irritation. Vapour may cause irritation
<b>On skin:</b>	Defats the skin. May cause irritation
<b>By inhalation:</b>	Mist and vapours may cause irritation to nose and respiratory tract. Vapours may cause headaches, dizziness and central nervous system depression.
<b>By ingestion:</b>	May cause nausea, vomiting and diarrhoea. Aspiration of liquid during ingestion or vomiting may cause severe chemical pneumonitis.
<b>Chronic:</b>	Repeated and prolonged skin contact may lead to skin disorders. Long term vapour inhalation can cause kidney damage.
<b>Other:</b>	None known.

## 12. ECOLOGICAL INFORMATION

<b>Mobility</b>	Volatile mobile liquid. Contains volatile organic Compounds. Insoluble in water.
<b>Persistence/ Degradability</b>	Not readily biodegradable but is inherently biodegradable. Volatile organic compounds undergo photochemical degradation in the atmosphere.
<b>Bioaccumulative Potential</b>	Bioaccumulative, however with short retention period of the order of one week or less.
<b>Ecotoxicity</b>	Moderately ecotoxic to marine organisms.
<b>Environmental Assessment</b>	May cause significant ecological damage in aquatic systems and must be used and disposed of in accordance with the recommendations made in this safety data sheet.

## 13. DISPOSAL

**Place used and contaminated materials / packaging in suitable containers. Dispose of the Controlled waste in accordance with Duty of Care regulations (Environmental Protection Act 1990 – Section 34 (7)) using a licensed waste disposal company.**

## 14. TRANSPORT INFORMATION

UN/ SI Number	1268		
IMO	Class 3.3	Packaging Group	111
Marine Pollutant	No		
IATA - ICAO	Class 3	Packaging Group	111
ADR	Class 3	Item	31(c)
Transport name	Contains PETROLEUM DISTILLATES –NOS		
Hazchem / Kempler Code	3[Y]/30		

## **15. REGULATORY INFORMATION**

<b>Labelling Information</b>	Harmful
<b>R phrases</b>	R10 Flammable R65 Harmful, may cause lung damage if swallowed
<b>S phrases</b>	S23 Do not breathe vapour or spray S24/25 Avoid contact with eyes and skin S42 During spraying wear suitable respiratory equipment S43 In case of fire use foam / dry powder or CO <sup>2</sup> – NEVER USE WATER. S51 Use only in well ventilated areas. S62 If swallowed do not induce vomiting. Seek medical advice immediately and show this container or label.
<b>EC Directives</b>	Dangerous Preparations Directive 88/379/EEC Safety Data Sheets Directive 91/155/EEC Framework waste Directive 91/156/EEC
<b>Statutory Instruments</b>	Health & Safety at Work etc Act 1974 Classification, Packaging & Labelling of Dangerous Substances Regs 1984 (SI 1244) Consumer Protection Act 1987 Control of Substances Hazardous to Health Regs 1988 (SI 1657) Environmental Protection Act 1990 Road Traffic (Carriage of Dangerous Substances in Packages etc) Regs 1992 (SI 742)

## **16. OTHER INFORMATION**

Information approved for the classification, packaging and labelling of dangerous substances for supply and conveyance by road (Third Edition).

European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR).

International Maritime Dangerous Goods Code (TMDG Code).

Dangerous Goods Regulations IATA.

Technical Instructions for the Safe Transport of Dangerous Goods by Air ICAO.

Evaluation of the Hazards of Harmful Substances Carried by Ships (GESAMP Reports and Studies No 35).

The data and advice given apply when the product is sold for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for applications other than as stated in this sheet may give rise to risks not mentioned in this sheet. You should not use the product other than for the stated application or applications without seeking advice from us.

If you have purchased the product for supply to a third party for use at work, it is your duty to take all necessary steps to secure that any person handling or using the product is provided with the information in this sheet.

If you are an employer, it is your duty to tell your employees and others who may be affected of any hazards described in this sheet and of any precautions which should be taken.

Codes of practise:            Operational Provisions of the Road Traffic (Carriage of Dangerous Substances in packages etc) Regs 1986 (COP 17).  
Classification & labelling of dangerous substances for conveyance by road in tankers, tank containers & packages (COP 19 Rev 1).  
Classification & labelling of substances dangerous for supply (COP 22).  
Packaging & labelling of dangerous substances for conveyance by road (COP 40 Rev 2)  
Waste Management. The Duty of Care.

Guidance Notes            Storage of packaged dangerous substances (CS 17 / HS (G) 71)  
Ventilation of the workplace (EH22 )  
Occupational skin diseases: health & safety precautions (EH26)  
Occupational exposure limits (EH40)  
Storage of flammable liquids in containers (HS (G) 51)  
Respiratory protective equipment – A practical guide for users (HS (G) 53)  
Classification, Packaging & Labelling of dangerous Substances Regs 1984 (HS (R) 22)  
Road Traffic (Carriage of Dangerous Substances in Packages etc ) Regs 1986 (HS (R) 24)  
Save your skin !– Occupational Contact Dermatitis (MS (B) 6)  
Dermatitis – cautionary notice (SHW 367)

The above publications are available from HMSO and HSE Sources.