

**SAFETY DATA SHEET**  
**GLOBAL PG 320**  
**10185 GB Current 01.10.1998**

SAFETY DATA SHEET Ref No. 10185

**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Trade Name</b>	<b>GLOBAL PG 320</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 6505
<b>Emergency Phone Number</b>	+44 (0) 7710 754382

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

<b>General</b>	Synthetic Polyalkylene base stocks, extreme pressure additives
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**3. HAZARD IDENTIFICATION**

This product is not classified as hazardous under current UK Health and 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.

**3. FIRST AID MEASURES**

<b>First Aid - Eyes</b>	Irrigate immediately with copious quantities of water. If irritation persists seek medical attention.
<b>First Aid - Skin</b>	Wash thoroughly with soap and water.
<b>First Aid - Ingestion</b>	Do not induce vomiting. Wash mouth out with water. Obtain immediate medical attention showing this sheet.
<b>First Aid - Inhalation</b>	Remove to fresh air. If effects persist seek medical advice.
<b>First Aid - Pressure Injection</b>	Always obtain immediate medical attention even though the injury may appear minor.

## **5. FIRE FIGHTING MEASURES**

<b>Extinguishing Media</b>	Use foam, dry powder, CO <sub>2</sub> . Use water fog to cool fire exposed surfaces.
<b>Flammability</b>	Product not classified as flammable but is inherently combustible.
<b>Flash Point (°C, pmcc)</b>	190 min
<b>Products of Combustion</b>	Mainly oxides of carbon.

## **6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions</b>	Spilt product presents a significant slip hazard. Avoid exposure of the product to sources of ignition. Wear adequate personal protective equipment.
<b>Environmental Precautions</b>	Try to prevent the material from entering drains or water courses.
<b>Decontamination Procedures</b>	Soak up with inert absorbent or contain and remove by pumping or best available means. In case of spillage on water contain by a boom and collect by skimming or absorption.

## **7. HANDLING AND STORAGE**

Keep containers tightly closed  
Store drums under cover 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.  
If the product is to be heated avoid direct high temperature heat sources.  
Provide suitable mechanical equipment for the safe handling of drums and heavy packages.

Storage temperature 0 – 40°C

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

<b>Engineering Control</b>	Local exhaust ventilation is recommended when excessive product misting occurs.
<b>Personal Protection</b>	Avoid skin and eye contact. Wear impervious gloves (e.g. of PVC), in case of repeated or prolonged contact. Change contaminated clothing and thoroughly clean before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Clear viscous fluid
<b>Odour</b>	None
<b>Flash Point (°C)</b>	190 min
<b>Solubility in Water</b>	Insoluble.
<b>Fat Solubility</b>	N/D
<b>Relative Density @ 15.5°C</b>	0.852
<b>Kinematic Viscosity @ 40°C</b>	320.67
<b>Pour Point / Melting Point</b>	N/D
<b>Explosive Properties %</b>	N/D
<b>Boiling Point Range °C</b>	N/D
<b>Auto flammability °C</b>	>250°C

**PLEASE NOTE THAT THESE PROPERTIES DO NOT CONSTITUTE A SPECIFICATION.**

## 10. STABILITY AND REACTIVITY

<b>Stability</b>	Stable will not polymerise under normal conditions.
<b>Conditions to Avoid</b>	temperatures (°C) above 100°C.
<b>Materials to Avoid</b>	Strong oxidising agents.
<b>Hazardous Products</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.**

### Health Effects

<b>On eyes</b>	May cause transient irritation
<b>On skin</b>	Unlikely to cause harm on brief or occasional contact.
<b>By Inhalation</b>	Low volatility makes inhalation unlikely at ambient temperatures.
<b>By Ingestion</b>	May cause nausea, vomiting and diarrhoea.
<b>Chronic</b>	Repeated and prolonged skin contact may lead to skin disorders.
<b>Other</b>	Products which have become contaminated in use or from external sources may present more serious health effects.

## 12. ECOLOGICAL INFORMATION

**Biodegradability:** <50 % (CEC L-33-T-82) **Chemical Oxygen Demand (mgO<sub>2</sub>/l):** Not determined

Synthetic oils are inherently but not readily biodegradable. Leaching and penetration of synthetic oils through surface soils is generally regarded as resulting in long Term persistence. Fresh or used synthetic oils may be harmful to aquatic life.

### **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**

<b>Classification for transport</b>	Not classified as hazardous for transport
<b>UN Number</b>	N/A
<b>ADR/RID</b>	N/A
<b>Packaging Group</b>	N/A
<b>Shipping Name</b>	N/A
<b>IMO Class</b>	N/A
<b>Marine Pollutant</b>	NO
<b>ICAO/IATA</b>	N/A

### **15. REGULATORY INFORMATION**

<b>Hazard Label Data</b>	This product is not classified 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 and Safety at Work Act 1974 Consumer Protection Act 1987 Environmental Protection Act 1990 Control of Substances Hazardous to Health Regulations 1988 Chemicals (Hazard Information and Packaging) Regulations 1993

## **16. ADDITIONAL INFORMATION**

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.

### **Approved Codes of Practise**

Waste Management. The Duty of Care

### **Guidance Notes**

Occupational skin diseases. Health & Safety precautions (EH 26)  
Occupational exposure limits (EH 40)  
The carcinogenicity of mineral oils (EH 58)  
Skin cancer caused by oil (MS (B) 5)  
Save your skin – Occupational Contact Dermatitis (MS (B) 6)  
Dermatitis – cautionary notice (SHW 367)  
Effects of mineral oil on the skin (SHW 397)

The above publications are available from HMSO and HSE Sources.