

**SAFETY DATA SHEET**  
**GLOBAL ARCTIC 32 PA**  
**GB Current 02.08.1997**

SAFETY DATA SHEET Ref No.

**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Trade Name</b>	<b>GLOBAL ARCTIC 32 PA</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**

Propylene glycol, water and inhibitors.

Propylene glycol.	CAS No: 57-55-6
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**LABELLING:** Not required

**3. HAZARD IDENTIFICATION**

**This product is not classified as hazardous under current UK Health / Safety Environmental Legislation, when used in the application for which it is intended.**

<b>Adverse health effects</b>	Repeated contact with the skin may result in skin irritation.
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<b>Other hazards</b>	The product can burn when strongly heated. Hazardous decomposition products may be formed.
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**4. FIRST AID MEASURES**

<b>First Aid - Eyes</b>	Rinse with plenty of water for at least 10 minutes and seek medical attention if symptoms Persist.
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<b>First Aid - Skin</b>	Wash from skin with soap and water and seek Medical attention if symptoms persist.
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<b>First Aid - Ingestion</b>	<b>Do not induce vomiting.</b> Obtain medical attention.
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<b>First Aid - Inhalation</b>	Remove from exposure. If large amounts inhaled call a physician.
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## **5. FIRE FIGHTING MEASURES**

**Product not classified as flammable but is inherently combustible.**

<b>Extinguishing Media</b>	Use carbon dioxide, foam or water spray. Prevent water used in spray from entering watercourses.
<b>Unsuitable Extinguishing Media</b>	Direct water jet.
<b>Special Fire Fighting Procedures</b>	In the event of a large fire self contained breathing apparatus should be worn.
<b>WARNING</b>	Heat from a fire could possibly result in drums bursting.

## **6. ACCIDENTAL RELEASE MEASURES**

Contain and collect spillage. Failure to contain the release should be notified immediately to the local waste authority. A spillage must be retrieved, if necessary with the help of absorbent material such as floor granules. Burn under controlled conditions or dispose of at an appropriate waste disposal facility in accordance with current applicable laws and regulations.

## **7. HANDLING AND STORAGE**

<b>Handling</b>	This product is normally handled cold, precautions should be taken against skin contact.
<b>Storage</b>	Product is supplied in metal or plastic containers. Store away from sources of strong heat and strong oxidising chemicals.
<b>Forbidden Equipment</b>	Some types of natural rubber will swell and deteriorate in contact with this product. The use of rubber equipment should generally be avoided.

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

**Use engineering control methods to prevent or minimise aerosol and vapour generation.**  
**OEL 10mg/m<sup>3</sup> mist (8hr T.W.A.)**

### **Personal Protective Equipment**

<b>Respiratory Protection</b>	N/A
<b>Hand Protection</b>	Wear PVC gloves.
<b>Eye Protection</b>	Wear protective safety spectacles when handling heated product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance @ 20<sup>0</sup>C</b>	Pink mobile liquid (ISO 32). Blue mobile liquid (ISO 32)
<b>Odour</b>	Mild.
<b>PH</b>	Neutral
<b>Flash Point (ASTM D93)</b>	Greater than 110 <sup>0</sup> C
<b>Explosion Limits (%)</b>	Not determined.
<b>Solubility</b>	Soluble in water Insoluble in mineral oil and non polar solvents.
<b>Vapour Pressure 15 °C</b>	<1 mbar (calculated).
<b>Density @ 15<sup>0</sup>C</b>	1.020 – 1.060 g/cm <sup>3</sup>
<b>Auto-ignition temperature</b>	Greater than 340 <sup>0</sup> C (by analogy)
<b>Viscosity @ 40<sup>0</sup>C</b>	18 – 35 cSt.

## 10. STABILITY AND REACTIVITY

<b>Hazardous reactions</b>	None known.
<b>Thermal decomposition</b>	Slow decomposition above 250 °C.

**Hazardous decomposition products which can be formed on heating. Carbon monoxide, Carbon dioxide, oxides of nitrogen and sulphur.**

## 11. TOXICOLOGICAL INFORMATION

LD50 (rats) greater than 33mg/kg: by analogy to findings on products with a similar composition.

This preparation is not classified as dangerous under EEC Directive 88/379/EEC.

## 12. ECOLOGICAL INFORMATION

**Static acute LC 50 for Fathead minnow is 500 mg/l**  
**Static acute LC 50 for daphania magna is 500 mg/l**  
**Biodegradation under static laboratory conditions is high 81-90%**

## 13. DISPOSAL

**Product is supplied in IBC, steel drums, tins and plastic containers. Seek advice from Local Waste Authority before disposing of product.**

**Product may be disposed of by burning under controlled conditions or by disposal at an appropriate waste disposal facility.**

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

**Compliance with Community / National provisions relating to waste must be adhered to when disposing of this product.**

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

**Not classified as hazardous for transport**

<b>UN Number</b>	N/A
<b>Shipping Name</b>	N/A.
<b>IMO Class</b>	N/A
<b>Packaging Group</b>	N/A
<b>ADR/RID</b>	N/A
<b>Marine pollutant</b>	No.
<b>ICAO/IATA</b>	N/A

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

**This product is not classified as dangerous for supply in the UK.**

<b>Statutory Instruments:</b>	<b>The Health &amp; Safety at Work Act 1974</b>
	<b>Consumer Protection Act 1987</b>
	<b>Environmental Protection Act 1990</b>
	<b>COSHH Regulations 1988 CHIP Regulations</b>
	<b>1993</b>

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

**This product is supplied as an airline lubricant.**

#### **17. AUDIT TRAIL**

**This information is, to the best of Global Lubricants Ltd knowledge, correct and is intended to describe the product requirements. Since the conditions of use are outside Global Lubricants control any recommendations or suggestions are made without guarantee and Global Lubricants Ltd disclaims any liability for loss or damage suffered from use of this information. Customers must satisfy themselves that the product is suitable for a particular purpose. Furthermore, nothing contained herein shall be constructed as a recommendation to use any product in conflict with existing patents.**