

**SAFETY DATA SHEET**  
**GLOBAL MR 1**  
**GB Current 02.08.1997**

SAFETY DATA SHEET Ref No. 10051

**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Trade Name</b>	<b>GLOBAL MR 1</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**

A blend of aliphatic hydrocarbon solvent(s), polydimethyl siloxanes(s), and hydrocarbon propellants.

For details of substances presenting a health hazard within the meaning of the Chemicals (Hazard Information & Packing) Regulations 1993 see under Section 8 of this Safety Data Sheet.

**3. HAZARD IDENTIFICATION**

Prolonged or repeated exposure to products containing refined mineral oil or HBPF distillates may Result in dermatitis unless good personal hygiene is used.  
Pressurised container. Protect from sunlight and do not expose to temperatures exceeding 50°C.  
Do not pierce or burn even after use. Do not spray on a naked flame or any incandescent material. Deliberately concentrating and inhaling contents of this container is dangerous and can be fatal.

Extremely flammable.

**4. FIRST AID MEASURES**

<b>General –</b>	In all cases of doubt or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.
<b>First Aid - Eyes</b>	Contact lenses should be removed. Irrigate copiously with clean, fresh water for at least 10 mins holding the eyelids apart. Seek medical advice.
<b>First Aid - Skin</b>	Remove contaminated clothing. Wash skin thoroughly with soap and water or use a proprietary skin cleaner. DO NOT use solvents or thinners.
<b>First Aid - Ingestion</b>	If accidentally swallowed obtain immediate medical attention. Keep at rest. DO NOT induce vomiting.
<b>First Aid - Inhalation</b>	Remove to fresh air, keep warm and at rest. If breathing is irregular or stopped give artificial respiration. Give nothing by mouth. If unconscious place in recovery position and seek medical advice.

## **5. FIRE FIGHTING MEASURES**

### **Extinguishing Media**

Carbon dioxide, dry powder, Halogenated Hydrocarbons, sand, foam.

### **Unsuitable**

### **Extinguishing Media**

Do not use water.

### **Special Instructions**

### **for Fire-Fighting Personnel**

Fire will produce dense black smoke containing hazardous products of combustion (see section 10). Decomposition products may be a hazard to health. Appropriate self-contained breathing apparatus may be required. Cool closed containers exposed to fire with a water spray. Do not allow run off from fire fighting to enter drains or water course.

## **6. ACCIDENTAL RELEASE MEASURES**

Exclude sources of ignition and ventilate the area. Exclude non-essential personnel. Avoid breathing vapours. Refer to protective measures listed in section 7 & 8. Contain and collect spillages with non-combustible absorbent materials e.g. sand, earth and place in suitable container for disposal in accordance with the waste regulations. Do not allow large quantities to enter drains or water courses. If it does local water companies should be contacted.

## **7. HANDLING AND STORAGE**

Do not use in areas where potential sources of ignition exist. Electrical equipment should be protected to the appropriate standards. Use non sparking tools and exclude sources of heat, ignition and direct sunlight. No Smoking.

Avoid skin and eye contact. For personal protection see section 8. Good housekeeping and regular removal of waste materials will minimise risks. Observe the label precautions. Store between 5 and 30°C in a dry well ventilated area.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### **Engineering Control Measures**

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If extraction methods are insufficient to maintain concentrations of particulates and/or solvent vapours below relevant OEL's, suitable respiratory protective equipment should be worn

Substance Name	% Conc Range	Symbol	OES 8hr ppm	OES 15 min ppm	Risk Phrases	Notation
BUTANE (1), ISOBUTANE (2) PROPRIETARY BLEND OF ALIPHATIC HYDROCARBON SOLVENTS (LOW HEXANE) PROPANE 2 - OL	>10% & = < 25%	F+	600.00	750.00	12	OES
	>25% & = < 50%	Xn, F	300.00		65-11	OES
	>25% & = < 50%	F+			12	

#### NOTES

Notations = Sk – risk of absorption through skin Sen – respiratory sensitizer

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OEL's are from EH40 except where marked SUP which are assigned by the supplier of the substance.

### **General Protection**

All ppe, including rpe, used to control exposure to hazardous substances must be selected to meet the requirements of the COSHH regulations.

### **Respiratory Protection**

Air fed respiratory equipment should be worn when sprayed if levels cannot be controlled Below OEL's and engineering methods cannot be reasonably improved.

### **Skin Protection**

Cotton or cotton/synthetic overalls or coveralls Are normally suitable. Grossly contaminated Clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.

### **Eye Protection**

Eye protection designed to protect against liquid splashes should be worn.

### **Hnad Protection**

Full physical protection is best. Seek relevant advise from glove manufacturers. Barrier cream may be of help but should not be applied after exposure has occurred.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical State</b>	Clear colourless liquid
<b>Flash Point (°C)</b>	<0°C Method Abel Apparatus to British Standards BS 2000 Pt.170
<b>Explosion Limits (%)</b>	
<b>Solubility in Water</b>	Immiscible
<b>Vapour Density</b>	Heavier than air
<b>Viscosity (cSt)</b>	
<b>Specific Gravity</b>	0.97 gms/cc method hydrometer

## 10. STABILITY AND REACTIVITY

Stable under the recommended storage and handling conditions (see Sect.7). In a fire, hazardous decomposition products such as smoke, carbon monoxide, and oxides of nitrogen may be produced. Keep away from oxidising agents and strongly alkaline and acid materials to prevent the possibility of an exothermic reaction.

## 11. TOXICOLOGICAL INFORMATION

There is no data available on the product itself. Repeated or prolonged contact with the product may lead to removal of natural fats from the skin resulting in non-allergic contact dermatitis and absorption through the skin. Splashes in the eye may cause irritation and reversible local damage.

## 12. ECOLOGICAL INFORMATION

There is no data available on the product itself. Large quantities of the product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters. The Air Pollution Control requirements of regulations made under the Environmental Protection Act may apply to the use of this product.

## 13. DISPOSAL

Do not allow large quantities to enter the drains or water courses or dispose of where ground or surface waters may be affected. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with regulations made under the Control of Pollution & Environmental Protection Acts.

## 14. TRANSPORT INFORMATION

<b>Road / Rail</b>	<b>SI Number 1950</b>	<b>Class 9</b>
<b>Sea</b>	<b>Marine Pollutant No UN Number 1950</b>	
	<b>Ems 2-13 MFAG 260***</b>	
	<b>Main Risk Flammable IMDG PAGE NO: 9022</b>	
	<b>Shipping Name Aerosol Dispensers Nos</b>	

## 15. REGULATORY INFORMATION

<b>Classification</b>	F+ Extremely flammable
<b>Risk phrases 12</b>	Extremely flammable
<b>Safety phrases</b>	2 Keep out of reach of children 46 If swallowed seek medical advice immediately and show Container or label. 26 In case of contact with eyes, rinse immediately with plenty of cold water and seek medical advice. 16. Keep away from sources of ignition – No smoking
<b>P phrases</b>	Do not breathe vapour or spray

The information contained in this Safety Data Sheet does not constitute the user's own assessment of The workplace risks as required by other Health & Safety legislation. The provision of the Health & Safety at Work Act and the Control of Substances Hazardous to Health Regulations apply to the use of this product at work.

## 16. OTHER INFORMATION

### **Text of Risk Phrases listed in section 8**

<b>R11</b>	<b>Highly flammable</b>
<b>R12</b>	<b>Extremely flammable</b>
<b>R65</b>	<b>Harmful – may cause lung damage if swallowed</b>

<b>Product Use</b>	For industrial use only..
<b>MSDS first issued</b>	
<b>MSDS data revised</b>	

## 17. NATIONAL LEGISLATION

<b>EC Legislation</b>	EC Directive 91/155/EEC defining the laying down and detailed arrangements for the system of specific information relating to dangerous preparations. EC Directive 88/379/EEC relating to the classification, packaging and labelling of dangerous preparations. EC Directive 94/1/EC adapting some technicalities of Council Directive 75/324/EEC on the approximation of the laws of Member States relating to aerosol dispensers.
<b>UK Guidance Publications</b>	EH40, Occupational Exposure Limits, HSE. Revised Annually.