

**SAFETY DATA SHEET**  
**GLOBAL SPRAY GEAR**  
**GB Current 02.08.1997**

SAFETY DATA SHEET Ref No. 10023

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Trade Name** SPRAY GEAR  
**Manufacturer/Supplier** Global Lubricants Limited  
**Address** 7 Sandwell Business Development Centre, Oldbury Rd,  
Smethwick, West Midlands, B66 1NN, England

**Phone Number** +44 (0) 121 544 3638  
**Fax Number** +44 (0) 121 544 6505  
**Emergency Phone Number** +44 (0) 7710 754382

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

<b>Preparation - Hazardous Components</b>	<b>Min% Max%</b>	<b>EEC Classification</b>
<b>Component : 1.</b> Butane/Isobutane	2.50 - 10.00	R12 F+
2. Aliphatic Hydrocarbon solvent	25.00 - 50.00	R11-65 F, Xn
3. Propane	10.00 -25.00	R12 F+

**3. HAZARD IDENTIFICATION**

**Main Hazards** Extremely flammable.

**Health Effects - Eyes** Liquid may cause slight transient irritation.

**Health Effects - Skin** Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis.

**Health Effects Ingestion -** Swallowing may have the following effects:- nausea. drowsiness.

**Health Effects Inhalation -** Exposure to vapour at high concentrations may have the following effects:- drowsiness.

**4. FIRST AID MEASURES**

**First Aid - Eyes** Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.

**First Aid - Skin** Wash skin with soap and water. Apply a reconditioning skin cream.

**First Aid - Ingestion** Do not induce vomiting. Obtain medical attention.

**First Aid - Inhalation** Remove from exposure. Give nothing by mouth.

## **5. FIRE FIGHTING MEASURES**

<b>Extinguishing Media</b>	Keep containers and surroundings cool with water spray. Use foam, dry chemical or carbon dioxide.
<b>Unsuitable Extinguishing Media</b>	Do not use water jet.
<b>Special Hazards of Product</b>	Containers may explode in heat of fire. This product may give rise to hazardous fumes in a fire.
<b>Protective Equipment for Fire-Fighting</b>	Wear self contained breathing apparatus.

## **6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions</b>	Eliminate all sources of ignition. Ventilate the area. Material can create slippery conditions underfoot.
<b>Environmental Precautions</b>	Try to prevent the material from entering drains or water courses. Advise Authorities if spillage has entered water course or sewer or has contaminated soil or vegetation.
<b>Spillages</b>	Allow to evaporate if it is safe to do so or contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.

## **7. HANDLING AND STORAGE**

<b>Handling</b>	Use in well ventilated area.
<b>Storage</b>	Storage temperature should be kept below 50 °C. Storage area should be: out of direct sunlight.

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

<b>Occupational Exposure Standards</b>	
1. Butane	UK EH40: OES 600ppm 8h TWA. UK EH40: OES 750ppm 15min TWA.
2. Aliphatic hydrocarbon solvent	OES 300ppm 8h TWA.
3. Propane	Simple asphyxiant.
<b>Engineering Control Measures</b>	Exposure to this material may be controlled in a number of ways. The measures appropriate for a particular worksite depend on how the material is used and on the potential for exposure. Use of the basic principles of Industrial Hygiene will enable this material to be used safely.

<b>Respiratory Protection</b>	Respiratory protection if there is a risk of exposure to high vapour concentrations.
<b>Hand Protection</b>	Use a good quality barrier cream.
<b>Eye Protection</b>	Chemical goggles if there is a risk of eye contact.
<b>Body Protection</b>	Normal work wear.
<b>Protection During Application</b>	During application, adequate Ventilation must be provided.

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

<b>Physical State</b>	Liquid.
<b>Colour</b>	Black.
<b>Odour</b>	Characteristic.
<b>Boiling Range/Point (°C)</b>	Boils above 90.
<b>Flash Point (PMCC) (°C)</b>	<0 (based on major component)
<b>Explosion Limits (%)</b>	Not determined.
<b>Solubility in Water</b>	Insoluble.
<b>Vapour Pressure (mm. Hg./20 °C)</b>	Not determined.
<b>Density (kg/m<sup>3</sup>)</b>	0.87. (measured as kg/litre)
<b>Auto-flammability (°C)</b>	Above 200.
<b>Viscosity (cSt)</b>	Mobile liquid at ambient temperatures.
<b>Vapour Density (Air=1)</b>	Heavier than air.
<b>Evaporation Rate (referenced as n-butyl acetate = 1)</b>	>1

## **10. STABILITY AND REACTIVITY**

<b>Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	Temperatures in excess of 50 °C. Exposure to direct sunlight.
<b>Materials to Avoid</b>	Strong oxidising agents.
<b>Hazardous Products</b>	Decomposition Combustion will generate: smoke, possibly thick and choking, resulting in zero visibility.

## **11. TOXICOLOGICAL INFORMATION**

Acute Toxicity	Low order of acute toxicity.
----------------	------------------------------

## **12. ECOLOGICAL INFORMATION**

<b>Mobility</b>	The product is volatile/gaseous and will partition to the air phase. If released to water the product will float.
<b>Persistence/Degradability</b>	The product is expected to be resistant to biodegradation.
<b>Bio-accumulation</b>	Product is not expected to Bio-accumulate.

### **13. DISPOSAL**

#### **Container Disposal**

Plastic caps and empty aerosols may be recycled via appropriate routes. Empty aerosols may be disposed of by authorised landfill. Do not incinerate closed containers.

### **14. TRANSPORT INFORMATION**

<b>UN Number</b>	1950
<b>UN Proper Shipping Name</b>	Aerosols, flammable, n.o.s.
<b>UN Class</b>	2.1
<b>UN Packaging Group</b>	II
<b>ADR/RID Substance Identification No</b>	1950
<b>ADR/RID - Description</b>	Aerosols.
<b>ADR/RID - Class</b>	2
<b>ADR/RID - Item No.</b>	10(b)2
<b>IMDG - Proper Shipping Name</b>	Aerosol Dispensers.
<b>IMDG - Packaging Group</b>	II
<b>IMDG - Class</b>	9
<b>IMDG - Marine Pollutant</b>	No.
<b>IMDG - Ems Number</b>	2-13
<b>IMDG - MFAG Table Number</b>	260
<b>IATA - Proper Shipping Name</b>	Aerosols, flammable, n.o.s.
<b>IATA - Packaging Group</b>	II
<b>IATA - Class</b>	2.1
<b>Tremcard No. TEC(R)</b>	20G26

### **15. REGULATORY INFORMATION**

<b>Labelling Information</b>	Extremely flammable
<b>R phrases</b>	12 Extremely flammable.
<b>S phrases</b>	16 Keep away from sources of ignition - No Smoking. 46 If swallowed seek medical attention and show container or label. 26 In case of contact with eyes, rinse immediately with plenty of cold water and seek medical advice. 2 Keep out of reach of children.
<b>P phrases</b>	Do not breathe vapour or spray

### **16. OTHER INFORMATION**

<b>Product Use</b>	For industrial use only. Lubricant.
<b>MSDS first issued</b>	02 August 1997
<b>MSDS data revised</b>	

## **17. NATIONAL LEGISLATION**

### **EC Legislation**

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.

### **UK Guidance Publications**

EH40, Occupational Exposure Limits, HSE. Revised Annually.