

# SAFETY DATA SHEET

## GLOBAL HD CHAIN SPRAY

Issued: 07/05/2012

Revision No: 1

### 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**Product name:** GLOBAL HD CHAIN SPRAY

**Use / description of product:** A heavy duty chain and drive spray.

**Company name:** Global Lubricants Ltd  
13 Sandwell Business Development Centre  
Oldbury Road Smethwick,  
West Midlands  
B66 1NN  
England  
Tel: +44 (0)121 5443638  
Fax: +44 (0)121 5446505

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

Preparation - Hazardous Components	Min%	Max%	EEC Classification
Component			
1.Mixed Hydrocarbon	25.00	50.00	R10
2.Propane	2.5	10.00	R12 F+
3. Butane, isobutane	2.5	10.00	R12 F+

### 3. HAZARDS IDENTIFICATION

<b>Main Hazards:</b>	Extremely Flammable.
<b>Health Effects - Eyes</b>	Liquid may cause slight transient irritation.
<b>Health Effects - Skin</b>	Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis.
<b>Health Effects - Ingestion</b>	Swallowing may have the following effects:- nausea. drowsiness.
<b>Health Effects - Inhalation</b>	Exposure to vapour at high concentrations may have the following effects:- drowsiness.

# SAFETY DATA SHEET

## GLOBAL HD CHAIN SPRAY

### 4. FIRST AID MEASURES (ACTION)

**Skin contact:** Wash skin with soap and water. Apply a reconditioning skin cream.

**Eye contact:** Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.

**Ingestion:** Do not induce vomiting. Obtain medical attention.

**Inhalation:** Remove from exposure. Keep warm and rest. Seek medical attention if you feel unwell.

### 5. FIRE-FIGHTING MEASURES

**Special Hazards of Product:** Containers may explode in heat of fire. This product may give rise to hazardous fumes in a fire.

**Extinguishing media:** Use foam, dry chemical or carbon dioxide. Keep containers and surroundings cool with water spray.

**Unsuitable extinguishing media:** Do not use waterjet.

**Protection of fire-fighters:** Wear self-contained breathing apparatus.

### 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions:** Eliminate all sources of ignition. Ventilate the area. Wear appropriate protective clothing

**Environmental precautions:** Try to prevent the material from entering drains or water courses.

**Clean-up procedures:** 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

**Handling requirements:** Use in well ventilated area.

**Storage conditions:** Storage area should be: out of direct sunlight. Storage temperature should be kept below 50 °C.

# SAFETY DATA SHEET

## GLOBAL HD CHAIN SPRAY

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Occupational exposure:

- |                             |   |
|-----------------------------|---|
| 1.Mixed Hydrocarbon isomers | UK EH40: OES 300ppm 8h TWA.                                 |
| 2.Butane F+ 12              | UK EH40: OES 600ppm 8h TWA. UK<br>EH40:OES 750ppm 15min TWA |

**Engineering measures:** 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.

**Respiratory protection:** Respiratory protection if there is a risk of exposure to high vapour concentrations.

**Hand protection:** Use a good quality barrier cream.

**Eye protection:** Chemical goggles if there is a risk of eye contact.

**Skin protection:** Normal work wear.

**Protection During Application:** During application, adequate ventilation must be provided.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**State:** Viscous Liquid

**Colour:** Grey

**Odour:** Characteristic

**Solubility in water:** Insoluble

**Also soluble in:** Most organic solvents.

**Flash point(Abel)°C:** 40

**Relative density:** 0.867. (measured as kg/litre)

**Viscosity (cSt):** Mobile liquid at ambient temperatures.

**Vapour Density(Air =1):** Heavier than air.

# SAFETY DATA SHEET

## GLOBAL HD CHAIN SPRAY

### 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.

**Conditions to avoid:** Exposure to direct sunlight. Temperatures in excess of 50 °C.

**Materials to avoid:** Strong oxidising agents.

**Hazardous. decomposition products:** Decomposition Combustion will generate: oxides Of sulphur, smoke, possibly thick and choking, resulting in zero visibility.

### 11. TOXICOLOGICAL INFORMATION

**Acute Toxicity:** Low order of acute toxicity.

### 12. ECOLOGICAL INFORMATION

**Mobility:** The product will leach into soil. If released to water the product will float.

**Persistence and degradability:** The product is expected to be resistant to biodegradation.

**Bioaccumulative potential:** Product is not expected to bio-accumulate

### 13. DISPOSAL CONSIDERATIONS

**Product Disposal:** Dispose of in accordance with all applicable local and national regulations.

**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.

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### 14. TRANSPORT INFORMATION

UN Number	1950
UN Proper Shipping Name	Aerosols, flammable, n.o.s.
UN Class	2.2
UN Packaging Group	II
ADR/RID Substance Identification Number	1950
ADR/RID - Description	Aerosols.
ADR/RID - Class	2
ADR/RID - Item No.	10b1
IMDG - Proper Shipping Name	Aerosol Dispensers.
IMDG - Packaging Group	II
IMDG - Class	9
IMDG - Marine Pollutant	No.
IMDG - Ems Number	2-13
IMDG - MFAG Table Number	310
IATA - Proper Shipping Name	Aerosols, flammable, n.o.s.
IATA - Packaging Group	II
IATA - Class	2.1
Tremcard No. TEC(R)	20G26-2

### 15. REGULATORY INFORMATION

#### Labelling Information

<b>R phrases</b>	R12 Extremely Flammable. R10 Flammable
<b>S phrases</b>	Keep away from sources of ignition - No Smoking. Do not breathe spray. Use only in well ventilated areas. Keep out of reach of children.

### 16. OTHER INFORMATION

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.