

**SAFETY DATA SHEET**  
**GLOBAL NO-SEIZE SPRAY**  
**10002 1.00 GB Current 18.06.1997**

SAFETY DATA SHEET Ref No. 10002

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Trade Name** NO SEIZE SPRAY  
**Manufacturer/Supplier** Global Lubricants Limited  
**Address** 7 Sandwell Business Development Centre, Oldbury Road,  
Smethwick ,West Midlands, B66 1NN England.

**Phone Number** +44 (0) 121 544 3638  
**Fax Number** +44 (0) 121 544 3638  
**Emergency Phone Number** +44 (0) 410 754 382

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

<b>Component</b>	<b>Min%</b>	<b>Max%</b>	<b>EEC Classification</b>	
Alkanes(C10-13)	25.00	50.00	F	Risk Phrase 11
Naphtha(petroleum) solvent refined light	2.50	10.00	Xn,F	Risk Phrase 65-11
Butane	10.00	25.00	F+	Risk Phase 12
Propane	2.50	10.00	F+	Risk Phase 12

**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:- dizziness, light headedness. drowsiness. nausea.

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

**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. Keep warm and at rest. Seek medical attention if you feel unwell.

**Advice to Physicians** The use of adrenaline and similar sympathomimetic drugs are contra- indicated.

## **5. FIRE FIGHTING MEASURES**

<b>Extinguishing Media</b>	Use foam, dry chemical or carbon dioxide. Keep containers and surroundings cool with water spray.
<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>	Ventilate the area. Wear appropriate protective clothing.
<b>Environmental Precautions</b>	Try to prevent the material from entering drains or water courses.
<b>Spillages</b>	Allow to evaporate if it is safe to, 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 area should be: out of direct sunlight. Storage temperature should be kept below 30 °C. No smoking.

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

<b>Occupational Exposure Standards</b>	
Acetone	OES 750ppm 8hr OES 1500ppm 15min.
Hydrocarbon solvent	OES 300ppm 8hr.
Butane, isobutane, propane	OES 600ppm 8hr OES 750ppm 15min
<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 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>	Viscous Liquid.
<b>Colour</b>	Orange. - Grey.
<b>Odour</b>	Characteristic.
<b>Flash Point (Able) (°C)</b>	< 0.
<b>Explosion Limits (%)</b>	14.8 to 22.0.
<b>Solubility in Water</b>	Insoluble.
<b>Density (kg/m<sup>3</sup>)</b>	0.820.
<b>Viscosity (cSt)</b>	Mobile liquid at ambient temperatures.
<b>Vapour Density(Air=1)</b>	Heavier than air.

## **10. STABILITY AND REACTIVITY**

<b>Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	Exposure to direct sunlight. Temperatures in excess of 50 °C.
<b>Materials to Avoid</b>	Strong oxidising agents. Metals such as sodium, potassium and barium. Fine powders of light metals and their alloys such as Al, Mg, Zn, Ti, etc.
<b>Hazardous Products</b>	Decomposition Contact with naked flames or red hot surfaces may produce: hazardous decomposition products such as carbon monoxide, carbon dioxide and oxides of nitrogen. Combustion may generate: smoke, possibly thick, resulting in zero visibility.

## **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 adsorption through the skin. Splashes in the eyes may cause irritation and reversible local damage.

## **12. ECOLOGICAL INFORMATION**

<b>Mobility</b>	The product will leach into soil. 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**

<b>Container Disposal</b>	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**

<b>Road and rail</b>	SI Number 1950
<b>UN Number</b>	1950
<b>UN Proper Shipping Name</b>	Aerosols dispensers n.o.s.
<b>Sea Shipping name</b>	Aerosols Dispensers n.o.s
<b>Marine pollutant</b>	No
<b>IMDG - Ems Number</b>	2-13
<b>IMDG - MFAG Table Number</b>	260
<b>IMDG Page number</b>	9022

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

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

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

Text of risk phrases in section 8	
R 11	HIGHLY FLAMMABLE
R 12	EXTREMELY FLAMMABLE
R65	HARMFUL: May cause lung damage if swallowed.
<b>MSDS first issued</b>	18.06.97
<b>MSDS data revised</b>	
<b>Product Use</b>	For industrial use only. Prevention of seizure of threaded components.

#### **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>	EH26, Occupational Skin Diseases: Health and Safety Precautions, HSE. EH40, Occupational Exposure Limits, HSE. Revised Annually.