

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
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2. COMPOSITION/INFORMATION ON THE COMPONENTS

Component	Min%	Max%	EEC Classification	
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

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

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Ventilate the area. Wear appropriate protective clothing.
Environmental Precautions	Try to prevent the material from entering drains or water courses.
Spillages	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

Handling	Use in well ventilated area.
Storage	Storage area should be: out of direct sunlight. Storage temperature should be kept below 30 °C. No smoking.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Standards	
Acetone	OES 750ppm 8hr OES 1500ppm 15min.
Hydrocarbon solvent	OES 300ppm 8hr.
Butane, isobutane, propane	OES 600ppm 8hr OES 750ppm 15min
Engineering Control 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 risk of eye contact.
Body Protection	Normal work wear.
Protection During Application	During application, adequate ventilation must be provided.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Viscous Liquid.
Colour	Orange. - Grey.
Odour	Characteristic.
Flash Point (Able) (°C)	< 0.
Explosion Limits (%)	14.8 to 22.0.
Solubility in Water	Insoluble.
Density (kg/m³)	0.820.
Viscosity (cSt)	Mobile liquid at ambient temperatures.
Vapour Density(Air=1)	Heavier than air.

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. Metals such as sodium, potassium and barium. Fine powders of light metals and their alloys such as Al, Mg, Zn, Ti, etc.
Hazardous Products	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

Mobility	The product will leach into soil. If released to water the product will float.
Persistence/ Degradability	The product is expected to be resistant to biodegradation.
Bio-accumulation	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.
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14. TRANSPORT INFORMATION

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

15. REGULATORY INFORMATION

Labelling Information	F+ Extremely flammable
R phrases	12 Extremely flammable.
S phrases	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.
P phrases	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.
MSDS first issued	18.06.97
MSDS data revised	
Product Use	For industrial use only. Prevention of seizure of threaded components.

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