

SAFETY DATA SHEET

GLOBAL BIORAIL SP

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SAFETY DATA SHEET Ref No. 10145

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name	GLOBAL BIORAIL SP
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

General: Contains lithium / calcium soap, extreme pressure additives, lubricating solids, corrosion and oxidation inhibitors and a biodegradable synthetic ester base.

3. HAZARD IDENTIFICATION

This product has been assessed according to the CHIP 2 Regulations and does not contain any hazardous ingredients.

4. FIRST AID MEASURES

First Aid - Eyes	Irrigate thoroughly with copious amounts of water. If irritation persists, seek medical attention.
First Aid - Skin	Wash thoroughly with soap and water.
First Aid - Ingestion	Do not induce vomiting. Wash out mouth with water. Obtain immediate medical attention showing this sheet.
First Aid - Inhalation	Remove from exposure. If recovery is not immediate obtain immediate medical attention.
Pressure Injection	Always obtain immediate medical attention even though the injury may appear minor.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use foam, dry chemical or carbon dioxide. Do not use water jets.
Flash point (deg C, pmcc)	>250
Flammability	Product is not classified as flammable but will support combustion.
Products of combustion	Carbon, oxides of carbon.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions	Spilt product presents a significant slip hazard.
Environmental Precautions	Try to prevent the material from entering drains or water courses.
Decontamination Procedures	Scrape or shovel up and transfer to suitable containers. Clear affected area.

7. HANDLING AND STORAGE

Keep containers closed when not in use.
Protect from water by storing under cover if possible.
Prevent slip hazards.
Storage temperature 0-40°C.
Provide suitable mechanical equipment for safe handling of drums and heavy packages.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Control	Local exhaust ventilation is recommended if the product is used in a confined space at high temperatures.
Personal Protection	Avoid skin and eye contact. Wear impervious gloves (PVC) in cases of any possibility of skin contact. Change contaminated clothing and thoroughly clean before re-use. Use chemical-type protective goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Smooth green-coloured grease
Relative density (@ 20°C)	0.92
Odour	Mild
Boiling Range/Point (°C)	N/A
Flash Point (closed °C)	>250
Pour point / melting point	>170
Explosive properties	N/A
Auto-flammability (°C)	N/A

10. STABILITY AND REACTIVITY

Stability	Stable will not polymerise.
Conditions to Avoid	
Materials to Avoid	Strong oxidising agents.
Hazardous Products	Irritant fumes. DO NOT breathe combustion products

11. TOXICOLOGICAL INFORMATION

The following toxicological information is based on a knowledge of the toxicity of the products components.

Health effects on:

Eyes:	Causes some irritation
Skin:	May cause some irritation
Inhalation:	Not normally applicable
Ingestion:	May cause nausea, vomiting and diarrhoea
Chronic:	Repeated and prolonged skin contact may lead to skin disorders.
Other:	Products which have become contaminated in use or from external sources may present other serious health effects.

12. ECOLOGICAL INFORMATION

Biodegradability by the CEC-L-33-T-82 Test. Anticipated to be above 90%. The product is expected to be essentially non-toxic to aquatic organisms.

13. DISPOSAL

Place used and contaminated materials / packaging in suitable containers. Dispose of the controlled waste in accordance with Duty of Care Regulations (Environmental Protection Act 1990- Section 34[7]) using a licensed waste disposal company.

14. TRANSPORT INFORMATION

UN Class	Not classified.
ADR/RID - Class	Not classified.
IMO - Class	Not classified.
IATA/ICAO - Class	Not classified.
Marine Pollutant	No

15. REGULATORY INFORMATION

Labelling Information	This product is not classified as being hazardous for supply.
	Symbol None
	Risk Phrases None
	Safety Phrases None
EC Directives	Framework Waste Directive 91/156/EEC Waste Oil Directive 87/101/EEC
Statutory Instruments	The Health & Safety at Work ect Act 1994 Consumer Protection Act 1987 Environmental Protection Act 1990 Control of Substances Hazardous to Health Regulations 1994 Chemicals (Hazard Information & Packaging) Regulations 2 / 1994

16. OTHER INFORMATION

The data and advise given apply when the product is sold for the stated application or applications. The product is not sold as suitable for any other application. Use of the product for other applications other than stated in this sheet may give rise to risks not mentioned in this sheet. You should not use the product other than for the stated application or applications without seeking advise from us.

If you have purchased the product for supply to a third party for use at work, it is your duty to take all necessary steps in this sheet and any person handling or using the product is provided with the information in this sheet.

If you are an employer, it is your duty to tell your employees and others who may be affected of any hazards described in this sheet and any precautions which should be taken.