

SAFETY DATA SHEET
GLOBAL BIO-RAIL SP
10161 1.00 GB Current 11.06.1998

SAFETY DATA SHEET Ref No. 10161

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name	GLOBAL BIO-RAIL 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

Ingredients

Lithium / calcium soap, extreme pressure additives , lubricating solids corrosion & oxidation inhibitors and biodegradable ester base fluid.

3. HAZARD IDENTIFICATION

Not classified

4. FIRST AID MEASURES (Symptoms)

First Aid - Eyes	Rinse immediately with plenty of water. Obtain medical attention if irritation persists.
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First Aid - Skin	Rinse with water.
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First Aid - Ingestion	Drink water. Obtain medical attention if larger quantities have been swallowed. DO NOT INDUCE VOMITING.
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First Aid – Inhalation	N/A
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5. FIRE FIGHTING MEASURES

Extinguishing Media	Water-spray, carbon dioxide or dry chemicals.
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Specific hazards	On heating nitrous gases may evolve.
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6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up	Contain, collect and remove for destruction.
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Environmental precaution

7. HANDLING AND STORAGE

None, outside normal good warehouse practices. Always store in original tightly sealed container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering measures	Handle with good normal industrial hygiene.
Personal protective equipment	Use gloves and goggles when handling the concentrated product.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Green coloured grease
Odour	Bland
Boiling point/boiling range	N/A
Melting point/melting range	<170 ⁰ C
Viscosity @ 20 ⁰ C	>800 mm ² /S
Flash point	>250 ⁰ C
Auto-ignition temperature	N/A
Explosion limits in air	
Vapour pressure @ ⁰ C kPa/mBar	
Vapour density (air=1)	
Density @ 20 ⁰ C kg/m ³	920
Bulk density kg/m ³	
Solubility in water @ ⁰ C weight%	Not soluble
Solubility in organic solvents weight%	Soluble
Partition coefficient log P _{ow}	

10. STABILITY AND REACTIVITY

Stable will not polymerise

Avoid strong oxidising agents

Hazardous decomposition do not breath combustion products

11. TOXICOLOGICAL INFORMATION

Eyes	May cause some irritation.
Skin	Slightly irritating.
Inhalation	N/A
Ingestion	Low acute toxicity.

12. ECOLOGICAL INFORMATION

Biodegradability	Yes
Ecotoxicity	Essentially non-toxic to aquatic organisms.
Bioaccumulation	No

13. DISPOSAL

May be incinerated. Note local restrictions.

