

SAFETY DATA SHEET
GLOBAL BIO-RAIL
10103 1.00 GB Current 11.06.1998

SAFETY DATA SHEET Ref No. 10103

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name	GLOBAL BIO-RAIL
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 3638
Emergency Phone Number	+44 (0) 410 754382

2. COMPOSITION/INFORMATION ON THE COMPONENTS

Ingredients	Cas No	Content	Symbol	Risk Phrases
Oleylmonoetanolamidetoxilat	26027-37-2	R34	1-5%	
Alkylfosfatester	159034-94-3		2-7%	
Tertiara alkanolaminer	102-71-6		1-5%	
Propylenglykol				
Fatty acids				

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.
First Aid - Skin	Rinse with water.
First Aid - Ingestion	Drink water. Obtain medical attention if larger quantities have been swallowed.
First Aid – Inhalation	N/A

5. FIRE FIGHTING MEASURES

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

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up	Contain, collect and remove for destruction.
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	Light yellow grease
Odour	
pH as supplied	
pH in solution (1% in h₂O)	
Boiling point/boiling range	>100 ⁰ C
Melting point/melting range	<-30 ⁰ C
Viscosity @ 20⁰C	>800 mm ² /S
Flash point	>300 ⁰ C
Auto-ignition temperature	
Explosion limits in air	
Vapour pressure @ ⁰C kPa/mBar	
Vapour density (air=1)	
Density @ 20⁰C kg/m³	985
Bulk density kg/m³	
Solubility in water @ ⁰C weight%	Not soluble
Solubility in organic solvents weight%	Soluble
Partition coefficient log P_{ow}	

10. STABILITY AND REACTIVITY

Stability

Hazardous decomposition

11. TOXICOLOGICAL INFORMATION

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

12. ECOLOGICAL INFORMATION

Biodegradability	Yes
Ecotoxicity	
Bioaccumulation	No

13. DISPOSAL

May be incinerated. Note local restrictions.

14. TRANSPORT INFORMATION

	UN No	Class:8	Item No	Packaging Group	EmS	MFAG	Marine Pollutant
IMDG (Sea)			N/A				
IATA/ICAO (Air)			N/A				
ADR/RID (Road/Rail)							

15. REGULATORY INFORMATION

EEC-Classification	Not classified	Symbol: None
Risk phrases		
Safety phrases		
Contains		
National regulations		

16. OTHER INFORMATION

Legal Disclaimer

The information supplied above is based upon the present state of our knowledge of the product at the time of publication. It is given in good faith and no warranty with respect to the specification or quality of the product. The user must satisfy himself that the product is entirely suitable for his purpose.