

SAFETY DATA SHEET
BIOVINA EP
10120 1.00 GB Current 16.06.1998

SAFETY DATA SHEET Ref No. 10120

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name BIOVINA EP
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

No	Ingredients Name	CAS-NO	Cons. (weight%)	Classification
1	Biodegradable ester 1	173832-39-8		
2	Biodegradable ester 2	85005-23-8		
3	Biodegradable ester 3	112-32-7		
4	Lithium saponified fatty acid	91001-47-7		
5	Alpha-sulphonic acid hydroxyester			
6	Di-mercaptothiadiazole derivative			
7	Tridecylamine	86089-17-0	<1	CN,R34R22R50R53
8	Bismuth octoate + sulfurized synthetic esters	68390-93-2		
9	Alkylated diphenyl amine	68411-46-1	<1	N,R51R53
10	Phenolic antioxidant	41484-35-9		
11	Citric acid	5949-29-1	<1	Xi, R36

Legend: T+=Very toxic, C=Corrosive, Xn=Harmful, Xi= Irritant, IK=No classification required, E= Explosive, O= Oxidising, F+= Extremely flammable, F= Very flammable, Fo= Flammable, N= Dang. To the environment, Mut= Genotoxic, Sens= Sensitizing, Carc=Cancerogen, Repr= Causes birth defects

3. HAZARD IDENTIFICATION

4. FIRST AID MEASURES

First Aid – General No hazards which require special first aid measures.

First Aid - Eyes Wash out immediately with plenty of water and seek medical attention.

First Aid - Skin Wash skin with soap and water.

First Aid - Ingestion Do not induce vomiting.

First Aid – Inhalation Move to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion.

5. FIRE FIGHTING MEASURES

Proper fire fighting equipment	Dry chemical, foam or carbon dioxide (CO ₂)
Other information	Burning produces irritant fumes

6. ACCIDENTAL RELEASE MEASURES

Other information	Should not be released into the environment. Prevent from entering drains.
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7. HANDLING AND STORAGE

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Hand Protection	Rubber gloves.
Eye Protection	Avoid contact with eyes.
Skin Protection	Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Colour	Brown
Odour	Oily.
Solubility	Miscible with most organic solvents
Flash Point (°C)	> 150.
Solubility in Water	Insignificant
Density	<1000

10. STABILITY AND REACTIVITY

11. TOXICOLOGICAL INFORMATION

General	Repeated or prolonged exposure irritability.
Skin contact	May cause skin irritation in susceptible persons.
Eye contact	May cause irritation.

12. ECOLOGICAL INFORMATION

Breakdown	Biodegradability of base oil: >90% (CEC 1-33-A-93)
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13. DISPOSAL

**This product is regarded as hazardous waste according to EU waste code 120112.
The drums must be properly drained and sent to a certified recycler.
The plastic bag must be properly drained and handled according to local legislation, the drum is regarded as metal waste.
The pail must be properly drained and sent to a certified recycler.
The cartridge must be properly drained and handled according to local legislation.**

14. TRANSPORT INFORMATION

General

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Composition

Biodegradable ester 1, Biodegradable ester 2, Biodegradable ester 3, Lithium saponified fatty acid, Alpha-sulphonic acid hydroxyester, Dimercaptothiadiazole derivative, Tridecylamine (<1), Bismuth octoate + sulfurized synthetic esters, Alkylated diphenyl amine (<1), Phenolic antioxidant, Citric acid (<1)

S-Phrases

S24 – Avoid contact with skin.
S60 – This material and/or its container must be disposed of as hazardous waste.

16. OTHER INFORMATION