



Eastern Petroleum Pvt. Ltd.

an ISO 9001-2008 certified company
Regd. Off.: Unit No. 1, Riddhi Siddhi, Corporate Park, V. N. Purav Marg,
(Sion Trombay Road), Chembur, Mumbai - 400 071. MH, India.
Tel.: +91 - 22 - 4232 4121, 2529 9990,
Email: office@easternpetroleum.in, Web: www.easternpetroleum.in
CIN NO: U24100MH1964PTC012931

MATERIAL SAFETY DATA SHEET

1. Product name and Company identification

Product Name	:	EASTTO MULTIPURPOSE GREASE NLGI 1
Product use	:	Industrial and Automotive use
Supplier	:	Eastern Petroleum Pvt. Ltd 235-239, Jaw ahar industrial estate, kamothe, Parvel, Dist- Raigad, Maharashtra: 410209
Telephone No.	:	91-22-2743 1694, 91-22-2743 3819.
Email	:	sales@easternpetroleum.in

2. Composition / Information of Ingredients

Ingredient name	CAS No.	% by wt
Mineral base oil	64742-54-7	86 – 93
Thickener: Lithium mixture	1310-66-3	5 – 10
Additive components: Antioxidant, Antirust, Anti-wear	Mixture	2 - 4

3. Hazards identification

Physical state	Semi solid
Human Health Effects	
Eyes	Not irritating.
Skin	Not Irritating
Inhalation	Risk is not possible under normal conditions of use.
Chemical Hazard	Non hazardous

4. First Aid Measures

Inhalation	Remove the person to fresh air. Get medical attention.
Skin contact	Wash the affected area repeatedly with soap and water.
Eye contacts	In case of contact immediately wash eyes with plenty of water.
Ingestion	Small quantity can cause stomach discomforts, nausea and vomiting.

5. Fire-fighting Measures

Flammability of product	Combustion is likely to give rise to a complex mixture of gases and airborne particulates, including carbon monoxide, oxides of sulphur, lead compounds and unidentified organic and inorganic compounds.
Extinguishing Media	
Suitable	Use dry chemical, carbon dioxide (CO ₂), or foam
Not suitable	Do not use water.

6. Accidental Release Measures

Personal precautions	Wear suitable protection clothing and equipment. Remove contaminated clothes as soon as possible.
Environmental precautions	Prevent spills to enter and spread to drains, sewers, watercourses and soil. Contact local safety authorities.
Methods for cleaning up	Contain leaking product with sand, earth or other suitable inert materials.

EASTTO MULTIPURPOSE GREASE NLGI 1
Revision No. 3

Date of issue: 11.12.2014
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7. Handling and Storage

Handling	Handle in accordance with good industrial hygiene and safety practices. If handled at elevated temperatures or with high speed mechanical equipment, vapors or mists might be released and require a well ventilated workplace.
Storage	Store at ambient temperature or with lowest necessary heating as required for ease of handling.

8. Exposure Controls / Personal Protection

Control parameters	Due to the product's semi-solid consistency, generation of mists and dusts is unlikely to occur.
Personal protection equipment	
Respiratory protection	Avoid inhalation use suitable mask with filter if necessary.
Hand protection	Wear grease-resistant protective gloves if there is a risk of skin contact.
Eye protection	For eyes protection wear safety goggles.
Skin and body protection	Use protective cloths and gloves.
Hygienic measures	Act in accordance with good industrial Hygiene and safety practice.

9. Physical and Chemical Properties

Characteristics	NLGI 1
Physical state	Semi Solid
Colour	Dark brown
Odour	Mild
Worked Penetration @ 25°C	310 - 340
pH	N.A
Solubility in water	Insoluble
Vapour pressure(mmHg @25)	Low
Drop Point °C	192
Auto- ignition Temperature °C	>320

10. Stability and Reactivity

Reactivity and stability	Stable at normal conditions and starts to decompose at higher temperature.
Conditions to avoid	Excessive heating and highly oxidizing agents
Hazardous decomposition products	Hazardous decomposition products are not expected to form.
Hazardous polymerization	Polymerization will not occur.

11. Toxicological Information

Potential chronic health effects	
Carcinogenicity	No known significant effects or critical hazards.

12. Ecological Information

Environment effect:	Material not expected to be harmful to aquatic organisms.
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13. Disposal considerations

Waste disposal procedure:	Place contaminated materials in a disposable container and dispose of in accordance with Local, State and Federal environmental regulations. Contact local environment and health authorities to get the permission for waste disposal.
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14. Transport Information

Not classified as hazardous for transport (DOT, TDG, IMO/IMDG, IATA/ICAO)

15. Regulatory Information

Not classified as hazardous.



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16. Other Information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material in combination with any other materials or in any process, unless specified in the text.