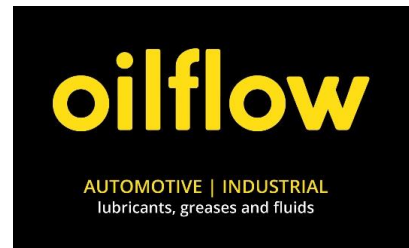


PO Box 14527, Wadeville 1422
562 Crocker Road
Wadeville, Johannesburg

Tel: (011) 827-5848
Fax: (011) 827-5832
E-mail: oilflow@oilflow.co.za
www.oilflow.co.za



MATERIAL SAFETY DATA SHEET

Lithium EP 3 Wheel Bearing Grease

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name	LITHUM EP 3 WHEEL BEARING GREASE
Manufacturer/Supplier	OILFLOW LUBRICANTS 562 CROCKER RD WADEVILLE
Phone Number	(011) 827 5848
Fax Number	(011) 827 5832

2. COMPOSITION/INFORMATION ON THE COMPONENTS

Hazardous Components in Product

Component Name	Concentration
Solvent Refined Base Oil	80- 90%
Lithium soap	5- 10%
Performance Agents	5-10%

3. HAZARD IDENTIFICATION

Main Hazards	Hazardous according to OSHA 29 CFR 1910.1200
Health Effects – Eyes	Will cause irritation and damage to the eyes.
Health Effects – Skin	No hazard providing normal cleansing is carried out.
Health Effects – Ingestion	Ingestion can result in vomiting, nausea, abdominal pain, convulsions and kidney failure. The ingestion of more than 100ml can result in death.
Health Effects – Inhalation	High levels of vapour may result in toxic effects.

4. FIRST AID MEASURES

First Aid – Eyes	Flush thoroughly with water. If irritation occurs, call a doctor.
First Aid – Skin	Wash skin with soap and water.
First Aid – Ingestion	Give 1 to 2 glasses of water and call a doctor immediately. If advice not available and patient is conscious induce vomiting by sticking finger down throat.
First Aid – Inhalation	Remove from exposure and seek medical assistance.

5. FIRE FIGHTING MEASURES

Extinguishing Media	Use foam, dry chemical dioxide, foam or water fog.
Unsuitable Extinguishing Media	Water or foam may cause frothing.
Special Hazards of Product	No special hazards.



PO Box 14527, Wadeville 1422
562 Crocker Road
Wadeville, Johannesburg

Tel: (011) 827-5848
Fax: (011) 827-5832
E-mail: oilflow@oilflow.co.za
www.oilflow.co.za



MATERIAL SAFETY DATA SHEET

Lithium EP 3 Wheel Bearing Grease

Protective Equip, for Fire-Fighting

Wear self-contained breathing apparatus for fires in enclosed spaces.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions
Environmental Precautions
Spillages

Material can create slippery conditions underfoot.
Try to prevent the material from entering drains or watercourses.
Contain and absorb using diatomaceous earth or other inert material. Transfer into suitable containers for disposal.

7. HANDLING AND STORAGE

Handling
Storage

No special precautions are required.
Storage temperature should be controlled to between 1 and 40°C.
Where outside storage of drums is unavoidable, they should be stored horizontally to avoid ingress of water.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Standards
OIL MIST, CHEMICAL
Engineering Control Measures

OSHA STEL 127mg/m³
Exposure to this material may be controlled in a number of ways. The measures appropriate for a particular worksite depend on how the material is used and on the potential for exposure. Use of the basic principles of industrial Hygiene will enable this material to be used safely.

Respiratory Protection
Hand Protection

Respiratory protection is required if ventilation is inadequate. Impervious gloves should be used for prolonged contact with skin and good personal hygiene practices should always be followed.

Eye Protection
Body Protection

Chemical goggles and face mask if there is a risk of contact.
Normal work wear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State
Colour
Odour
pH
Boiling Range/Point (°C)
Flash Point (°C)
Solubility in Water (kg/m³)
Density (kg/m³) of base oil
Auto-flammability (°C)
Decomposition Temperature
Vapour Pressure

Grease
Beige
Faint
N/A
Boils above 230°C
>200 °C
Insoluble
0.890 kg per litre
Above 350°C
N/D
N/A



PO Box 14527, Wadeville 1422
562 Crocker Road
Wadeville, Johannesburg

Tel: (011) 827-5848
Fax: (011) 827-5832
E-mail: oilflow@oilflow.co.za
www.oilflow.co.za



MATERIAL SAFETY DATA SHEET

Lithium EP 3 Wheel Bearing Grease

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions
Conditions to Avoid	Extreme heat
Materials to Avoid	Strong oxidizing agents
Hazardous Decomposition Products	Combustion will generate carbon monoxide

11. TOXICOLOGICAL INFORMATION

Acute Toxicity	Small quantities ingested, inhaled or absorbed repeatedly over a long period may result in systematic toxic effects.
----------------	--

12. ECOLOGICAL INFORMATION

Mobility	The product will not leach into soil.
Persistence/Degradability	The product is expected to biodegrade very slowly with time.

13. DISPOSAL

Product Disposal	Dispose of in accordance with all applicable local and national regulations.
Container Disposal	An approved drum recycler can recycle containers.

14. TRANSPORT INFORMATION

Un Class	9
IMO Class	9
IMDG Class	Not classified
IATA Class	N/A

15. REGULATORY INFORMATION

Labelling information	Harmful
Government Inventory Status	All components with TSCA, EINECS/ELINS,ALCS and MITI
US Superfund Amendments	This product contains no "Extremely Hazardous Substances"

16. OTHER INFORMATION

MSDS First Issued	October 2020
Product Use	Wheel Bearing Grease



PO Box 14527, Wadeville 1422
562 Crocker Road
Wadeville, Johannesburg

Tel: (011) 827-5848

Fax: (011) 827-5832

E-mail: oilflow@oilflow.co.za

www.oilflow.co.za



MATERIAL SAFETY DATA SHEET

Lithium EP 3 Wheel Bearing Grease

To the best of our knowledge, the information contained herein is accurate. Although certain hazards may be described we cannot predict that these are the only hazards, or combination of hazards, that may exist in a workplace. This MSDS, therefore, forms a component only of a risk assessment carried out by, or on behalf of, the user.

