

Safety technical instructions

The MSDS universal lithium-based lubricating grease

Material Safety Date Sheet

1 Chemicals

- 1.1 Product name: General Lithium-based grease 000 #, 00 #, 0 #, 1 #, 2 # and 3 #
 1.2 Product use: suitable for the lubrication of rolling bearings and sliding bearings and other friction parts of general mechanical equipment

2 Composition / composition information

2.1 Components	%
Base oil	80%~
(petroleum fraction)	90%5%~
thickagent	15%1%~
additive	5%

3 Hazardous overview

- 3.1 Health hazards: there is no specific risk under normal use conditions, and too long or repeated exposure can cause dermatitis. Used grease may contain harmful impurities.
 3.2 Burning risk: not classified as dangerous goods, but can be burned.
 4 Urgent measures
 4.1 Inhalation: dizziness or nausea is unlikely to occur. If it occurs, move the patient to fresh air, and ask a doctor if the symptoms persist.
 4.2 Skin contact: Remove the contaminated clothing and wash the affected skin with water and soap. If continuous stimulation occurs, medical attention is required. When using the high-pressure equipment, this product may be injected subcutaneously. If this happens, please send the injured to the hospital for treatment, do not wait to avoid deteriorating symptoms.
 4.3 Eye contact: rinse with plenty of water. If you still feel irritation, seek medical attention.
 4.4 Take it by mistake: do not cause vomiting, and seek medical advice immediately.

5 Fire control measures

- 5.1 Fire extinguishing agent: foam and dry chemical powder, carbon dioxide; sand or soil should be used for small fire only.
 5.2 Fire protection measures: transferring containers from the fire site if there is no danger. Do not use high-pressure water to disperse the leaks. The embankment is collected to be disposed of. Use a fire extinguishing agent suitable for the surrounding materials. Avoid inhaling the steam or combustion products. At the upwind direction. Leave the low-terrain area.
 5.3 Protective measures: wear a full set of fire clothing and self-contained respirator
 5.4 Combustion products: carbon and oxygen compounds, water vapor, sulfur and phosphorus oxide. Incomplete combustion produces carbon monoxide.

6. Countermeasures and methods for the leakage:

- 6.1 Necessary measures for individual protection: Avoid contact with the eyes and skin. Wear safety glasses, gloves, and protective clothing when necessary.
 6.2 Necessary measures for environmental protection: use sand, soil or other suitable obstacles to prevent diffusion or entry into the drainage channel

Safety technical instructions

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Material Safety Data Sheet A gutter or a river. If not, notify the local government agency.

7 Use and store

7.1 Use: When using products in barrels, wear safety boots and use appropriate operating device. Prevent leakage.

7.2 Storage: Storage and operation according to existing regulations and standards. The container shall be labeled. Keep away from heat, sparks, open fires, and other ignition sources. Store in a cool, dry and ventilated place. Close the container and store it with the isolated material.

7.3 Operation: Do not eat in the storage area. Follow good personal hygiene practices. Clean it with soap and water after work. Wash the contaminated clothes before wearing them. Do not dispose of empty containers (such as pressure, cutting, drilling, welding, etc.), with combustible residues. Empty containers should still stay away from the fire source.

8 Contact control / personal protection

8.1 Individual protection: If there is a risk of inhaling oil vapor, oil mist or airborne particles, local exhaust ventilation measures can be taken.

8.2 Eyes: Avoid contact with the eyes and face, and wear safety glasses when necessary.

8.3 Skin: Avoid contact with the skin and clothes, and wear protective clothing and gloves when necessary.

8.4 Inhalation: Special respiratory protection is usually required. Avoid long-term and repeated vapor inhalation.

9 Physical and chemical characteristics

9.1 Character: semi-solid at room temperature.

9.2 Odor: mineral oil characteristics.

9.3 Dropping point: not less than 170°C.

9.4 Solubility: negligible.

9.5 Steam pressure: no data.

9.6 Usage temperature: -20°C ~120°C.

10 Stability and chemical reaction characteristics

10.1 Stability (heat, light, etc.): stable.

10.2 Conditions to be avoided: high heat and fire source.

10.3 Substances that cause instability: strong oxidants.

10.4 Hazardous decomposition products: not decomposed within the use temperature range.

10.5 Hazardous polymerization process: it does not occur in the operating temperature range.

11 Poison information: None.

12 Ecological information

Environmental hazards: The biodegradation rate of this product is in the slow to medium speed range, without aquatic toxicity.

13 Emission strategy

13.1 Waste discharge method: classified recycling, in accordance with the relevant regulations can be combustion treatment or reuse.

safety technical instructions

The MSDS universal lithium-based lubricating grease

Material Safety Data Sheet

13.2 Problems to be considered for emission: to avoid environmental pollution.14 Transportation information

The transport department has the responsibility to transport the goods in accordance with all laws, regulations and regulations.

15 Regulatory information

15.1 National government regulations

Law of the Peoples Republic of China on the Prevention and Control of Environmental Pollution caused by Liquid Waste.

15.2 Local government regulations

Local government water pollution discharge

standards.16 Other

Additional information and manuals are available through the sales and technical departments.

