

# MATERIAL SAFETY DATA SHEET

## Multi Purpose Lithium Base Lubricating Grease #2

(Come with 30132GS & 30103 Grease Gun □)

---

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

---

**TRADE NAME:** Multi Purpose Lithium Base Lubricating Grease #2

**APPLICATIONS:** Lubricating Grease

**SUPPLIER:** Fangyuan Chemical Co.,Ltd. Zhejiang University

413 Xixi road, Hangzhou, 310013

China

**TELEPHONE:** 0086-571-88778995, 88771553

**FAX:** 0086-571-88771553

---

### 2. COMPOSITION, INFORMATION ON INGREDIENTS

---

| INGREDIENT NAME  | CAS No.:   | CONTENTS: |
|--|------------|-----------|
| DISTILLATES, PETROLEUM, SOLVENT-DEWAXED                    | 64742-65-0 | >85%      |
| PARAFFINIC;<br>SOLVENT DEASPHALTED RESIDUAL OIL;           | 64741-95-3 | <15%      |
| ADDITIVE: ANTIOXIDANT, ANTIRUST,<br>EXTREME PRESSURE AGENT |            | <10%      |

#### COMPOSITION COMMENTS:

Refer to section eight for exposure limits on ingredients.

---

### 3. HARZARDS IDENTIFICATION

---

**WARNING:** The product in closed container shall be handled with care, accidental spill will cause damage of tissue.

**EYE CONTACT:** May cause mild irritation.

**INGESTION:** Small quantity can cause stomach discomforts, nausea and vomiting.

**INHALATION:** No volatilization at room temperature.

If base oil volatilized by over heating concentrates to a certain level, it may cause irritation.

**SKIN CONTACT:** Will cause mild irritation with brief contact. Prolonged and repeated contact will result in severe irritation and discomforts, for instance, part reddish swelling.

#### CHRONIC EFFECTS:

**CARCINOGENICITY:**

IARC: Not listed.

Test shows there is no chronic effect on health with this product.

\*IARC (International Agency for Research on Cancer)

---

**4. FIRST AID MEASURES**

---

**INGESTION:** Get medical attention immediately!

**SKIN:** Remove contaminated clothing. Wash skin thoroughly with soap and water.  
Get medical attention if any discomfort continues.

**EYES:** Rinse the eye with water immediately. Continue to rise for several minutes.  
Contact physician if discomfort continues.

---

**5. FIRE FIGHTING MEASURES**

---

**FLASH POINT(□):** Unmeasured

**FLAMMABILITY LIMIT:** Unmeasured

**FIRE POINT(□):** Unmeasured

**EXTINGUISHING MEDIA:**

According to NFPA

Use: Carbon dioxide foam. Dry chemicals.

**PROTECTIVE MEASURES IN CASE OF FIRE:**

Self-contained breathing equipment and chemical resistant clothing recommended.

---

**6. ACCIDENTAL RELEASE MEASURES**

---

**PERSONAL PRECAUTIONS:**

Minimize skin contact.

**PRECAUTIONS TO PROTECT THE ENVIRONMENT:**

Keep product out of sewers and watercourses.

**SPILL CLEAN-UP PROCEDURES:**

Take all the precautions listed in this file. Use water mixed with abluent to clean up the contaminated area. Use absorbent. Avoid contact with eyes or skin. Avoid discharge to all sorts of water ways.

---

**7. HANDLING AND STORAGE:**

---

Keep the lowest handling temperature.

Expose to heat as short as possible.  
Keep product out of sewers and watercourses.  
Do not squeeze the container and keep away from open flame. Keep lid closed when not in use and place it in proper area.

---

## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

---

**EYE PROTECTION:** Wear splash-proof eye goggles or mask to prevent any possibility of eye contact.

**VENTILATION:** No specific ventilation requirements noted for normal handling.

**SKIN PROTECTION:** Avoid skin contact. The employees without protection shall take hygienic work practices, including wash the exposed skin with soap and water, wash the working clothing once a week.

---

## 9. PHYSICAL AND CHEMICAL PROPERTIES

---

**APPEARANCE/PHYSICAL STATE:** Grease

**COLOR:** Yellow to Brown

**BOILING POINT(□):** Unmeasured

**VAPOR PRESSURE (mmHg@25□):** Low

**PH-VALUE, CONC.SOLUTION:** N/A

**SOLUBILITY (H<sub>2</sub>O):** Low

---

## 10. STABILITY AND REACTIVITY

---

**HAZARDOUS POLYMERIZATION:**

Will not occur.

---

## 11. TOXICOLOGICAL INFORMATION

---

**OTHER HEALTH EFFECTS:**

The product contains petroleum base oils which may be refined by various processes including solvent extraction and hydrotreating. None of the oils is listed in the NTP annals and IARC literature and will not bring carcinogenic factors.

---

## 12. ECOLOGICAL INFORMATION

---

**ENVIRONMENT EFFECT:**

Will not have chronic effect on aquatic environment.

---

### **13. DISPOSAL CONSIDERATIONS**

---

#### **WASTE DISPOSAL PROCEDURES:**

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.

---

### **14. TRANSPORT INFORMATION**

---

|                      |     |
|----------------------|-----|
| <b>UN No.:</b>       | N/A |
| <b>HAZARD CLASS:</b> | N/A |

---

### **15. REGULATORY INFORMATION**

---

|                                |     |
|--------------------------------|-----|
| <b>RESPIRATOR INFORMATION:</b> | No. |
|--------------------------------|-----|

---

### **16. OTHER INFORMATION**

---

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user and WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE IN RESPECT TO THE USE OR SUITABILITY OF THE PRODUCT.

Appropriate warnings and safe handling procedures should be provided to handlers and users. Persons reviewing this MSDS should make their own determination as to the material's suitability and completeness for use in their particular applications.

DATE: 2009-3-17