

# Material Safety Data Sheet

## LUBRIKO M3 GREASE

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Revision Date: 5/01/07

### Section 1: Chemical Product and Company Identification

**Product Name:** Lubriko M3 grease **Product Number:** M3  
**Manufacturer:** Acrotech Industries, Inc.  
4503 Ray Street  
Crystal Lake, IL 60012 **Emergency Telephone:** 800-535-5035  
**Total Pages:** 2 **Information Telephone:** 815-788-8891

### Section 2: Composition / Information on Ingredients

| <u>Hazardous Ingredients</u> | <u>CAS</u> | <u>OSHA PEL</u> | <u>ACGIH TLV</u> | <u>%</u> |
|------------------------------|------------|-----------------|------------------|----------|
| Sodium Stearate              | 822-16-2   |                 |                  | 11-16    |
| Calcium Stearate             | 1592-23-0  |                 |                  | 2-7      |
| Mineral Oil                  | 64742-65-0 | 5 mg/m3         |                  | 20-25    |
| Mineral Oil                  | 64742-41-2 | 5 mg/m3         |                  | 65-70    |
| Diphenyl Amine               | 122-39-4   |                 |                  | <0.5     |

### Section 3: Hazards Identification

|                            |                         |                              |                             |
|----------------------------|-------------------------|------------------------------|-----------------------------|
| <b>Route (s) of Entry:</b> | <b>Inhalation</b><br>No | <b>Skin</b><br>Yes           | <b>Ingestion</b><br>No      |
| <b>Carcinogenicity:</b>    | <b>NTP</b><br>No        | <b>IARC Monographs</b><br>No | <b>OSHA Regulated</b><br>No |

**Signs and Symptoms of Exposure:** May Cause skin or eye irritation in some individuals. Prolonged or repeated skin contact may cause dermatitis.

### Section 4: First Aid Measures

**Inhalation:** N/A  
**Skin:** Wash with soap and water. Launder soiled clothing before reuse  
**Eyes:** Flush with water for at least 15 minutes. If irritation persists get medical attention  
**Ingestion:** N/A

**Medical Conditions Generally Aggravated by Exposure:** N/A

### Section 5: Fire Fighting Measures

**Flash Point: (method)** 490 degrees F., COC **Flammable Limits: LEV:** N/A **UEL:**

**Extinguishing Media:** foam, dry chemical powder, carbon dioxide  
**Special Fire Fighting Procedures:** Treat as petroleum fire  
**Unusual Fire and Explosion Hazards:** Combustion of MoS2 can produce oxides of sulfur

| <b>NFPA Hazard Rating:</b> | <b>Health</b> | <b>Flammability</b> | <b>Reactivity</b>    |
|----------------------------|---------------|---------------------|----------------------|
|                            | 0             | 1                   | 0                    |
| <b>NFPA codes:</b>         | 0 – least     | 1 – slight          | 2 – moderate         |
|                            |               |                     | 3 - high 4 - extreme |

### Section 6: Accidental Release Measures

**Spill / Leak Procedures:** Absorb with inert material. Sweep or scoop up and remove

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### Section 7: Handling and Storage

**Handling and Storage Precautions:** Store indoors, with lids in place and away from open flames. Excessive heat and direct sunlight

### Section 8: Exposure Controls / Personal Protection

**Respiratory Protection (specify type):** not normally required

**Local Exhaust**

Not normally required

**Mechanical (general)**

Not normally required

**Special**

Not normally required

**Other**

**Eye / Face Protection:** safety and chemical goggles

**Skin Protection:** oil resistant gloves.

**Other protective clothing or equipment:** impervious protective gear if repeated/prolonged contact is unavoidable

### Section 9: Physical / Chemical Characteristics

Boiling Point: 500 degrees F.

Vapor Pressure (mmHg @20 degrees): 1

Vapor Density (air =1): N/A

Solubility in Water: negligible

Specific Gravity (H<sub>2</sub>O = 1) : 1.05

Melting Point (pour point): 0

Evaporation Rate: N/A

Appearance/odor: Purple -grey, bland odor

### Section 10: Stability and Reactivity

**Stability:** Material is stable

**Incompatibility (materials to avoid):** strong oxidizing agents

**Hazardous Decompositions or Byproducts:** CO & Co<sub>2</sub>, SO<sub>2</sub>

**Hazardous polymerization:** will not occur

**Conditions to avoid:**

### Section 11: Toxicology Information

None Available.

### Section 12: Ecological Information

None Available

### Section 13: Disposal Considerations

Consult federal, state or local authorities for proper disposal procedures.

### Section 14: Transportation Information

**Via Truck:** None Available

**Via Air:** None Available

**Via Ocean:** None Available

### Section 15: Regulatory Information

None Available

### Section 16: Other Information

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