

Material Safety Data Sheet

LUBRIKO M31 GREASE

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Revision Date: 6/3/03

Section 1: Chemical Product and Company Identification

Product Name:	Lubriko M31 grease	Product Number:	M31
Manufacturer:	Acrotech Industries, Inc. 8411 Pyott Road Lake in the Hills, IL 60156	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

Route (s) of Entry:	Inhalation No	Skin Yes	Ingestion No
Carcinogenicity:	NTP No	IARC Monographs No	OSHA Regulated 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:	UEL: N/A		
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				
NFPA Hazard Rating:	Health 0	Flammability 1	Reactivity 0	
NFPA codes:	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 (H₂O = 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 & Co₂, SO₂

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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