

# Material Safety Data Sheet

## BEMOL™ #2 LX Moli-Grease

Rose Mill Co.  
100 Brook St.  
West Hartford, CT 06110  
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### PRODUCT IDENTIFICATION

Trade Name: #2 LX Moli-Grease, lithium grease  
Chemical Family: Hydrocarbon  
Formula: mixture  
Molecular Weight: N/A

### HAZARDOUS INGREDIENTS

Lithium 12 Hydroxystearate 4-7% CAS 7620-77-1  
Mineral Oil 35-49% CAS 64742-65-0  
Mineral Oil 25-35% CAS 64742-16-1/64741-56-6  
Molybdenum Disulfide 15-17% CAS 1317-33-5

### PHYSICAL DATA

Boiling Point: 700°F  
Melting Point: 365°F  
Specific Gravity: 0.88 @ /16°C)  
Vapor Density: N/A  
% Volatiles by Volume: 0  
Solubility in water: Nil  
Appearance and Odor: Dark Grey Semi-Solid  
Petroleum

### FIRE AND EXPLOSION HAZARDS DATA

Flash Point (Method Used): 440°F  
D-92  
Auto Ignition Temperature: 485°F  
Flammable Limits Lower: N/A  
Extinguishing Media: water fog, CO<sub>2</sub>, Dry  
Chemical, foam, earth or sand  
Special Fire Fighting Procedures: Water may  
cause frothing, avoid open flames  
Unusual Fire and Explosion Hazards: None

### HEALTH HAZARD INFORMATION

Permissible Exposure Limit: OSHA 2001 5mg/m<sup>3</sup>  
for mineral oil, ACGIH 20  
NFPA Hazard Rating:  
Health 0  
Flammability 1  
Reactivity 0  
Ingestion: Do not induce vomiting, get medical  
attention  
Health Hazards: Avoid Excessive skin contact,  
mild skin and eye irritation may occur, use with  
adequate ventilation

### REACTIVITY DATA

Stability: Stable  
Incompatibility (Material to Avoid): Strong  
Oxidizers  
Hazardous Decomposition Products: CO & CO<sub>2</sub>  
if Incomplete Combustion, oxides of sulfur

### SPILL OR LEAK PROCEDURES

Steps to Be Taken in Case Material Is Released  
or Spilled: sweep or scoop up and remove  
Waste Disposal Method: All disposals must  
comply with Federal, State, and Local  
Regulations  
Precautions to Be Taken in Handling and  
Storage: No special conditions

### SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type): N/A  
Ventilation: Use with adequate  
Protective Gloves: neoprene, polyethylene  
Eye Protection: Face shield  
Other Protective Clothing or Equipment: None  
normally required

### SPECIAL PRECAUTIONS

Wash thoroughly after handling  
Keep container closed  
Keep away from sparks and open flames.  
Do not get in eyes or on clothing.



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