

Material Safety Data Sheet

BEMOL™ #3 HT Moli-Grease

I. PRODUCT IDENTIFICATION

Trade Name: #3 HT Moli-Grease, inorganic clay grease
Chemical Family: Hydrocarbon
Formula: mixture
Molecular Weight: N/A

II. COMPOSITION/INGREDIENTS

Inorganic Clay 8-12% CAS 68911-87-5
Mineral Oil 35-49% CAS 64742-52-5
Mineral Oil 25-35% CAS 64742-53-6
Molybdenum Disulfide 15-17% CAS 1317-33-5

III. HEALTH HAZARD INFORMATION

Permissible Exposure Limit: OSHA 2001 5mg/m³ for mineral oil, ACGIH 20
NFPA Hazard Rating:
Health 0
Flammability 1
Reactivity 0

IV. FIRST AID

Eye: In case of contact, remove excess and immediately flush with plenty of water for 15 minutes
Skin: In case of contact, remove excess and immediately rinse with plenty of water for 15 minutes
Health Hazards: Avoid Excessive skin contact, mild skin and eye irritation may occur, use with adequate ventilation. Call physician if symptoms persist.

V. FIRE AND EXPLOSION HAZARDS DATA

Flash Point (Method Used): 452°F (D-92)
Auto Ignition Temperature: 475°F
Flammable Limits Lower: N/A
Extinguishing Media: water fog, CO₂, Dry Chemical, foam, earth or sand
Special Fire Fighting Procedures: Water may cause frothing, avoid open flames
Unusual Fire and Explosion Hazards: None

VI. SPILL OR LEAK PROCEDURES

Procedures for Clean-Up: Transfer bulk of mixture into another container. Absorb residue with an inert material such as earth, sand, or vermiculite. Sweep up and dispose as solid waste in accordance with State, Local and Federal regulations.
Waste Disposal Method: Dispose of in accordance with all applicable State, Local and Federal regulations.

VII. HANDLING & STORAGE

Store at ambient temperatures. Keep away from open flames and extreme heat. Keep in sealed container.
Shelf-life >24 months in sealed containers.

VIII. PERSONAL PROTECTION

Respiratory Protection (Specify Type): N/A
Ventilation: Use with adequate ventilation
Protective Gloves: rubber, neoprene, polyethylene
Eye Protection: Safety Glasses recommended
Other Protective Clothing or Equipment: None normally required

IX. PHYSICAL DATA

Boiling Point: 700°F
Melting Point: 600°F
Specific Gravity: 0.89 @ /16°C)
Vapor Density: N/A
% Volatiles by Volume: 0
Solubility in water: Nil
Appearance and Odor: Dark Grey Semi-Solid Petroleum

X. REACTIVITY DATA

Stability: Stable
Incompatibility (Material to Avoid): Strong Oxidizers
Hazardous Decomposition Products: CO & CO₂ if Incomplete Combustion, oxides of sulfur

XI. TOXICOLOGICAL INFORMATION

Not evaluated at this time.

XII. ECOLOGICAL INFORMATION

Not evaluated at this time.

XIII. TRANSPORTATION INFORMATION

Not regulated by the US DOT.

XIV. REGULATORY INFORMATION

Not evaluated at this time.



Rose Mill Co.
100 Brook Street
West Hartford, CT 06110
860.232.9990 ph
860.232.9995 fx

www.RoseMill.com
info@RoseMill.com

DISCLAIMER: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind, express or implied, and we assume no responsibility for any loss, damage, or expense, direct or consequential, arising out of their use.