Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, salts with montmorillonite (cas 68911-87-5) MSDS

Material Safety Data Sheet

BEMOLTM #3 HT Moli-Grease

I. PRODUCT IDENTIFICATION

Trade Name: #3 HT Moli-Grease, inorganic clay grease
Chemical Family: Hydrocarbon X

II. REACTIVITY DATA

Formula: mixture
Stability: Stable
Molecular Weight: N/A

Incompatibility (Material to Avoid): Strong Oxidizers

Hazardous Decomposition Products: CO & CO₂ if
Incomplete Combustion, oxides of sulfur

Molybdenum Disulfide 15-17% CAS 1317-33-5

III. 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

XII. ECOLOGICAL INFORMATION

III. HEALTH HAZARD INFORMATION

Permissible Exposure Limit: OSHA 2001 5mg/m³ for mineral oil, ACGIH 20

NFPA Hazard Rating: Not regulated by the US DOT.

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 Rose Mill Co.

Health Hazards: Avoid Excessive skin contact, mild skin irritation may occur, use with adequate ventilation. Call physician if symptoms persist.

V. FIRE AND EXPLOSION HAZARDS DATA

Flash Point (Method Used): 452oF (D-92)
Auto Ignition Temperature: 475oF

Extinguishing Media: water fog, CO₂, Dry Chemical, foam, earth or sand

Special Fire Fighting Procedures: Water may cause frothing, avoid open flames

DISCLAIMER: We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty

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: 700oF
Melting Point: 600oF
Specific Gravity: 0.89 @ (16oC)
Vapor Density: N/A
% Volatiles by Volume: 0
Solubility in Water: Nil
Appearance and Odor: Dark Grey Semi-Solid Petroleum

Bemol_3HT_MSDS Revised: 02/16/04 Supersedes: 12/16/02