

BEMOL #3 HT Moli-grease

MSDS Number: bem-3HT

Revision Date: 1/7/2015

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1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: BEMOL #3 HT Moli-grease
Revision Date: 1/7/2015
Version: 1.1
MSDS Number: bem-3HT
Common Name: #3 HT Moli-Grease, Inorganic clay grease
CAS Number: Mixture
Chemical Family: Hydrocarbon
Chemical Formula: Mixture

Supplier:

Rose Mill Company
100 Brook Street
West Hartford, CT 06110

860-232-9990 (Phone)
860-232-9995 (Fax)

www.RoseMill.com
info@RoseMill.com

2 HAZARDS IDENTIFICATION

Inhalation: Minimal respiratory tract irritation may occur with exposure to a large amount of material.
Skin Contact: May cause irritation.
Eye Contact: May cause irritation.

GHS Signal Word:
NONE

GHS Classifications:
None, None, None

GHS Phrases:
H000 - None

GHS Precautionary Statements:
P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
P302+350 - IF ON SKIN: Gently wash with soap and water.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do.
Continue rinsing.

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| 3 | COMPOSITION/INFORMATION ON INGREDIENTS |
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Ingredients:

| Cas # | Percentage | Chemical Name |
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| 68911-87-5 | 8-12% | Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, salts with montmorillonite ((Al1.33-1.67Mg0.33-0.67)(Ca0-1Na0-1)0.33Si4(OH)2O10.xH2O)) |
| 64742-52-5 | 35-49% | Mineral Oil, petroleum Distillates, Hydrotreated (mild) Heavy Naphthenic |
| 64742-53-6 | 25-35% | Mineral Oil, petroleum Distillates, Hydrotreated (mild) Light Naphthenic |
| 1317-33-5 | 15-17% | Molybdenum sulfide (MoS2) |

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| 4 | FIRST AID MEASURES |
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Skin Contact: In case of contact, remove excess and immediately wash with soap and water.
Eye Contact: Immediately flush eyes with large amounts of water for at least 15 minutes, lifting eyelids occasionally to facilitate irrigation.
Ingestion: Bring to the attention of a physician.

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| 5 | FIRE FIGHTING MEASURES |
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Flash Point: 452F (D-92)
Autoignition Temp: 475F
 Extinguishing Media: water fog, CO2, Dry Chemical, foam, earth or sand
 Sepcial Fire Fighting Procdures: Water may cause frothing, avoid open flames

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| 6 | ACCIDENTAL RELEASE MEASURES |
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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.

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| 7 | HANDLING AND STORAGE |
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Handling Precautions: Keep away from open flames and extreme heat. Keep in sealed container.
Storage Requirements: Store at ambient temperatures. Keep in sealed container. Shelf-life>24 months in sealed containers.

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| 8 | EXPOSURE CONTROLS/PERSONAL PROTECTION |
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Engineering Controls: All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).
Personal Protective Equip: Exhaust ventilation; Goggles; Gloves;

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9 PHYSICAL AND CHEMICAL PROPERTIES

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| Appearance: | Dark Gray Semi Solid Petroleum |
| Solubility: | nil |
| Spec Grav./Density: | .89 @ 16C |
| Boiling Point: | 700F |
| Freezing/Melting Pt.: | 600F |
| Flash Point: | 452F (D-92) |
| Auto-ignition Temp: | 475F |

10 STABILITY AND REACTIVITY

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| Stability: | Product is stable under normal conditions. |
| Conditions to Avoid: | Do not use on oxygen lines |
| Materials to Avoid: | Strong Oxidizers |
| Hazardous Decomposition: | Co & Co ₂ if Incomplete Combustion, oxides of sulfur |
| Hazardous Polymerization: | Does not occur |

11 TOXICOLOGICAL INFORMATION

Toxicity Data:

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| Eye Effects: | None Known |
| Skin Effects: | None Known |
| Accute Inhalation Effects: | None Known |
| Chronic Effects: | None Known |
| Carcinogenicity: | None Known |
| Mutagenicity: | None known |
| Teratogenicity: | None Known |

12 ECOLOGICAL INFORMATION

Elimination (persistence and degradability): There is no data available.

Toxicity: There is no data available

Bioaccumulative potential: There is no data available

Other adverse effects: No Known significant effects or critical hazards.

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| 13 | DISPOSAL CONSIDERATIONS |
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Dispose of in accordance with federal, state and local regulations

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| 14 | TRANSPORT INFORMATION |
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Not regulated by the US DOT

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| 15 | REGULATORY INFORMATION |
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COMPONENT / (CAS/PERC) / CODES

*Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, salts with montmorillonite ((Al1.33-1.67Mg0.33-0.67)(Ca0-1Na0-1)0.33Si4(OH)2O10.xH2O)) (68911875 n/a%) TSCA

*Mineral Oil, petroleum Distillates, Hydrotreated (mild) Heavy Naphthenic (64742525 n/a%) NJHS, TSCA

*Mineral Oil, petroleum Distillates, Hydrotreated (mild) Light Naphthenic (64742536 n/a%) MASS, NJHS, TSCA

*Molybdenum sulfide (MoS2) (1317335 n/a%) TSCA

REGULATORY KEY DESCRIPTIONS

TSCA = Toxic Substances Control Act

NJHS = NJ Right-to-Know Hazardous Substances

MASS = MA Massachusetts Hazardous Substances List

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| 16 | OTHER INFORMATION |
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