

BEMOL Moli-Spray#3

MSDS Number: bem-Spr3

Revision Date: 1/7/2015

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1	PRODUCT AND COMPANY IDENTIFICATION
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Product Name: BEMOL Moli-Spray#3
Revision Date: 1/7/2015
Version: 1.1
MSDS Number: bem-Spr3
Common Name: Aerosol molybdenum disulfide lubricant
CAS Number: Mixture
Chemical Family: 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
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Route of Entry: Eyes; Inhalation; Skin;
Target Organs: Chronic effects of overexposure may be target organ effects (liver, kidneys)
Inhalation: Can cause irritation and inflammation of the respiratory tract.
Skin Contact: May cause irritation.
Eye Contact: May cause irritation.
Ingestion: Ingestion is not an applicable route of entry for intended use.

GHS Signal Word:
WARNING

GHS Hazard Pictograms:



GHS Classifications:
Health, Aspiration hazard, 2
Physical, Flammable Aerosols, 2

GHS Phrases:
H305 - May be harmful if swallowed and enters airways
H229 - Pressurized container: may burst if heated

GHS Precautionary Statements:
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
P101 - If medical advice is needed, have product container or label at hand.

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Inhalation Hazard: The deliberate inhalation of concentrated vapor from this product may have long term health effects and, or may be immediately fatal.

3	COMPOSITION/INFORMATION ON INGREDIENTS
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Ingredients:

Cas #	Percentage	Chemical Name
64742-52-5	50-60	Mineral Oil, petroleum Distillates, Hydrotreated (mild) Heavy Naphthenic
1317-33-5	5 min.	Molybdenum sulfide (MoS2)
74-98-6	22-27	Propane / Isobutane / n-Butane
106-97-8	10-15	Butane see also Petroleum gases, liquefied
64741-66-8	10-15	Naphtha, petroleum, light alkylate

4	FIRST AID MEASURES
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- Inhalation:** Remove from exposure area to fresh air immediately. Note: If breathing has stopped, perform artificial respiration. Keep Person warm and at rest. Get Medical attention.
- Skin Contact:** Wash with soap and water. If irritation develops or persists consult physician.
- Eye Contact:** Flush with large amounts of water or saline solution, occasionally lifting upper and lower lids, until no evidence of powder remains (approx 15-20mins). Get medical attention if aggravation persists.
- Ingestion:** Do not induce vomiting. Seek immediate medical attention

Signs/Symptoms of overexposure: dizziness, giddyness, narcosis, nausea, headache, and loss of coordination, confusion.

5	FIRE FIGHTING MEASURES
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Flash Point: n/a

Wear self contained breathing apparatus and other protective clothing. Fight fire upwind. Prevent released materials from entering storm drains, sewers and waterways. Keep cans cool to prevent possible bursting.

Unusual fire and explosion hazards: Toxic vapors and mist may be formed from incomplete combustion. Floors will be slippery where materials are released. Vapors may accumulate in poorly ventilated, low lying or confined areas and displace air.

6	ACCIDENTAL RELEASE MEASURES
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Floors will be slippery where materials are spilled or overspray occurs.

Small spills: mop or wipe up thoroughly. Remove to out of doors.

Large spills: Ventilate area, extinguish sources of ignition. Contain liquid and transfer to steel drums. Cap tightly.

7	HANDLING AND STORAGE
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Handling Precautions: Keep material out of reach of children. To avoid accidental spraying keep protective cap in place when not in use.

Storage Requirements: Store in a cool, dry area away from direct sunlight. Do not puncture or incinerate can. Do not store in freezing conditions. Keep out of reach of children.

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8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).

Personal Protective Equip: No special measures with normal use.

Signs/symptoms of overexposure: dizziness, giddiness, carcosis, nausea, headache, and loss of coordination, confusion.

Wash after each use. Do not spray onto skin or into face or eyes. Avoid repeated or prolonged contact. To prevent accidental spraying keep protective cap in place when not in use.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Black color aerosol
Physical State: Gas
Spec Grav./Density: >1
Vapor Pressure: not greater than 90 PSIG @ 70F
Evap. Rate: (water=1) fractionally faster.

10 STABILITY AND REACTIVITY

Stability: Product is stable under normal conditions.
Conditions to Avoid: Excessive storage temperatures or open sources of ignition.
Materials to Avoid: Strong oxidizing materials.
Hazardous Decomposition: Thermal: Carbon monoxide, carbon dioxide and other unidentified organic vapors and mists.
Hazardous Polymerization: Will not occur

11 TOXICOLOGICAL INFORMATION

Ingestion : May cause discomfort if swallowd, However ingestion is not likely to be a primary route of occupational exposure.

Inhalation :Narcotic Effects. Prolonged inhalation may be harmful

Skin irritation: Frequent or prolonged contact may dry skin, leading to discomfort and dermatitis.

Eye irritation: Direct Contact with eyes may cause temporary irritation

Sensation: Based on available

Chronic Toxicity: Prolonged inhalation may be harmful.

Acute Toxicity: Based on available data, the classification criteria are not met.

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ECOLOGICAL INFORMATION

This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large frequent spills can have a harmful or damaging effect on the environment.

Persistence and degradability: Not inherently biodegradable

Bioaccumulative potential: Not available

Mobility in soil: Readily absorbed into soil

Other adverse effects: None known

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DISPOSAL CONSIDERATIONS

Disposal Instructions: Collect and retain or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. This material and its container must be disposed of as hazardous waste. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

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TRANSPORT INFORMATION

DOT Class: Flammable Gas (2.1) #2.1

UN1950

Aerosols, flammable

Class 2.1

Air Rail- Forbidden

Cargo Air only- Forbidden

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REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

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

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

*Propane / Isobutane / n-Butane (74986 n/a%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR

*Butane see also Petroleum gases, liquefied (106978 n/a%) MASS, NJHS, OSHAWAC, PA, TSCA, TXAIR

*Naphtha, petroleum, light alkylate (64741668 n/a%) TSCA

REGULATORY KEY DESCRIPTIONS

NJHS = NJ Right-to-Know Hazardous Substances

TSCA = Toxic Substances Control Act

MASS = MA Massachusetts Hazardous Substances List

OSHA = OSHA workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

TXAIR = TX Air Contaminants with Health Effects Screening Level

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OTHER INFORMATION

Disclaimer:

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