

Bemol moli-spray #3

aerosol molybdenum disulfide lubricant

Section I

Rose Mill Co.
100 Brook Street
West Hartford, CT 06110
Packaged by:
Shield Packaging Co., Inc.
Peter St., Webster, MA 01570

ISSUE DATE : New: 08/19/2002

24 HOUR EMERGENCY TELEPHONE NUMBER
CHEMTREC 1-800-424-9300
PREPARED BY: R. MCCOLLUM 508-949-0900

CHEMICAL NAME AND SYNONYMS - N/A

TRADE NAME: **BEMOL Moli-Spray #3**

COMPANY: ROSE MILL

CHEMICAL FAMILY - Mixture

FORMULA - N/A

HEALTH: 1 FLAMMABILITY: 2 REACTIVITY: 1

Section II - HAZARDOUS INGREDIENTS

CAS #	(*Hazardous Components)	%	OSHA	ACGIH
647-42-52-5	Petroleum Lubricating Oil	50-60		
1317-33-5	Molybdenum Disulfide	5 min.	1000ppm	1000ppm
74-98-6	Dimethylmethane Propane* (flammable gas)	22-27	1000ppm	1000ppm
106-97-8	Butane * (flammable gas)	10-15	800ppm	800ppm
64741-66-8	Synthetic Isoparaffinic Hydrocarbon*	10-15	Not found	Not found

*Components marked by an asterix are present above the Deminimus cut of level and subject to the reporting requirements is Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR part 372.

**Based on material manufacturers recommendation.

Section III - PHYSICAL DATA

BOILING POINT (F): N/A

SPECIFIC GRAVITY (H₂O = 1): >1

VAPOR PRESSURE (mm Hg): NOT GREATER THEN 90 PSIG @ 70F

VOLATILE BY VOLUME - %: Not determined for aerosol.

VAPOR DENSITY (AIR=1): GREATER THEN 1 (HEAVIER)

EVAPORATION RATE (WATER = 1): Fractionally Faster.

APPEARANCE AND ODOR: MOLYBDENUM COLOR

AEROSOL SPRAY. IRRITATING ODOR AT HIGH

CONCENTRATIONS.

SOLUBILITY IN WATER: INSOLUBLE

Section IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT

CAS#	METHOD USED	FLAMMABLE
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LIMITS	LEL%	UEL%
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271 Degrees C	(ASTM D25)	NOT
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DETERMINED FOR AEROSOL

64741-66-8	18 degrees F	1.5	11.6(approx)
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For Dimethylmethane and Butane less than -100 degrees F

1.0	8.9
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(approx)

EXTINGUISHING MEDIA:

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus. 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 (See section VI).

Floors will be slipper where materials are released. Vapors may accumulate in poorly ventilated, low lying or confined areas and displace air.

Section V - HEALTH HAZARD DATA

ROUTES OF ENTRY: INHALATION: X SKIN: X

INGESTION: Not likely to be ingested in acutely toxic quantities.

SIGN/SYMPTOMS OF OVEREXPOSURE: DIZZINESS, GIDDYNESS, NARCOSIS, NAUSEA, HEADACHE, and LOSS OF COORDINATION, CONFUSION.

HEALTH HAZARDS: ACUTE/CHRONIC: Acute hazards are from pressure (can bursting), irritation to the eyes, skin, nose, mouth and upper respiratory tract. Chronic effects of overexposure may be target organ effects (liver, kidneys).

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: MAY AGGRAVATE UPPER RESPIRATORY TRACT IRRITABILITY IN PEOPLE WITH PRE-EXISTING CONDITIONS.

CARCINOGENICITY: NTP: FOUND IARC MONOGRAPHS: NOT FOUND OSHA: NOT FOUND

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Wash with large amounts of tempered water. If irritation develops or persists consult physician.

SKIN: Wash off with mild soap and water. If irritation develops or persists consult physician.

INGESTION: Do not induce vomiting. Seek immediate medical attention.

INHALATION: Remove to fresh air. If breathing has ceased give artificial respiration. Seek immediate attention. Use oxygen as necessary.

INHALATION HAZARD: THE DELIBERATE INHALATION OF CONCENTRATED VAPOR FROM THIS PRODUCT MAY HAVE LONG TERM HEALTH EFFECTS AND, OR MAY BE IMMEDIATELY FATAL.

Section VI - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: EXCESSIVE STORAGE TEMPERATURES OR OPEN SOURCES OF IGNITION.

INCOMPATIBILITY (materials to avoid): STRONG OXIDIZING MATERIALS.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal: Carbon monoxide, carbon dioxide and other unidentified organic vapors and mists.

HAZARDOUS POLYMERIZATION: Will not occur.

Section VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

CAUTION: 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.

WASTE DISPOSAL METHOD: Dispose of in accordance with Federal, State and Local Regulations.

Section VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type): WHEN USED AS DIRECTED NONE NECESSARY. SEE CAN LABEL FOR ADDITIONAL PRECAUTIONS.

VENTILATION: USED ONLY IN A WELL VENTILLATED AREA.

LOCAL EXHAUST: AS NECESSARY TO KEEP THE VAPOR CONCENTRATIONS BELOW THE TLV'S

MECHANICAL: EXPLOSION PROOF IN CONFINED OR LOW-LYING AREAS WHERE VAPORS READILLY ACCUMULATE AND DISPLACE AIR.

PROTECTIVE GLOVES: Disposable where repeated or prolonged contact might occur.

OTHER PROTECTIVE EQUIPMENT: N/A

WORK/HYGIENIC PRACTICES: Wash after use. Do not spray onto skin or into face or eyes. Use only as directed. Avoid repeated or prolonged contact. To prevent accidental spraying keep protective cap in place when not in use.

Section IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a cool, dry area, away from direct sunlight. Do not puncture or incinerate can. Do not store in freezing conditions. Store out of reach of children. To avoid accidental spraying keep protective cap in place when not in use.

OTHER PRECAUTIONS: Read label precautions thoroughly before use. Use only as directed. Avoid spraying on skin or into face or eyes. KEEP FROM REACH OF CHILDREN. FLOORS MAY BE SLIPPER WHERE MATERIALS ARE SPILLED OR OVERSPRAY OCCURS.

MANUFACTURERS STATEMENT:

The information contained in this Material Safety Data Sheet is furnished without warranty of any kind, expressed or implied. Information in this Data Sheet has been assembled by the manufacturer based on its own studies and on the work of others and is believed to be correct as of the date issued. However, No warranty of any kind is expressed or implied as to the accuracy, completeness, or adequacy of the information obtained herein. The Manufacturer shall not be liable, regardless of fault, to the vendee, the vendee's employees, or anyone for any direct, special or consequential damages arising out of, or in connection with, the accuracy,

completeness, or adequacy of the information obtained herein. It is intended to assist in the normal safe usage of the product.

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