

HMIS RATING	
Health	2
Flammability	3
Reactivity	0

MATERIAL SAFETY DATA SHEET

NFPA 704 RATING	
Health	3
Flammability	4
Reactivity	0
NFPA 308 LEVEL	
1	

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1. PRODUCT IDENTIFICATION

PART NUMBER 80-722
PRODUCT NAME MOLY-GUARD DRY MOLY LUBE
CHEMICAL FAMILY N/A
DOT SHIPPING Consumer Commodity ORM-D

2. HAZARDOUS INGREDIENTS

Specific chemical identity, common names	OSHA PEL	ACGIH TLV	STEL	%
*Methylene Chloride (75-09-2)	500	50	-	-
*Isopropanol (67-63-0)	400	400	-	-
*Xylene (1330-20-7)	100	100	-	-
Molybdenum Disulfide (1317-33-5)	NA	15mg/m ³	-	-
*Toluene (108-88-3)	100	100	-	-
Propane/Isobutane Blend (68476-86-8)	1000	800	-	-
Proprietary Items	-	-	-	3

All chemical compounds marked with an asterisk (*) are toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372. You must notify each person to whom this mixture of trade name product is sold. This statement must not be detached. Any copy or redistribution of this Material Safety Data Sheet shall include this statement.

3. PHYSICAL DATA

BOILING POINT (RANGE) -40°F to 200°F
VAPOR PRESSURE PSIG @ 70°F 65-75
VAPOR DENSITY (Air = 1) Heavier than air
SOLUBILITY IN WATER Negligible
SPECIFIC GRAVITY (H₂O = 1) 1.3
MELTING/FREEZING POINT NA
EVAPORATION RATE (Water = 1) Faster
APPEARANCE AND ODOR Oily gray color / Solvent odor

4. FIRE AND EXPLOSION DATA

FLASH POINT -40°F TCC
UPPER EXPLOSIVE LIMIT (%) 12.0
LOWER EXPLOSIVE LIMIT (%) 1.0
EXTINGUISHING MEDIA Water Fog, Dry Chemical, CO₂.
SPECIAL FIREFIGHTING PROCEDURES Firefighters should wear NIOSH approved positive pressure self-contained breathing apparatus.
FIRE AND EXPLOSION HAZARDS Heated cans may burst.
NFPA FLAMMABILITY HAZARD 4

5. HEALTH EFFECTS DATA

SHORT TERM EFFECTS OF EXPOSURE

ROUTE OF ENTRY Skin, Ingestion, Inhalation
HEALTH HAZARDS
(Acute & Chronic) May cause dizziness or narcosis in high vapor concentrations. Will cause defatting of skin. Effects are reversible. Long term exposure (years) to high concentrations of vapor may cause lung, liver or kidney damage. Aspiration hazard if swallowed. Eye and skin irritant. May irritate respiratory tract. The solvents listed have been reported to affect the central nervous system:
Methylene Chloride, Toluene, Xylene.

SIGNS AND SYMPTOMS
OF EXPOSURE Inhalation: Difficulty in breathing. Skin: Redness
Ingestion: Vomiting.

MEDICAL CONDITIONS GENERALLY
AGGRAVATED BY EXPOSURE Heart disease; respiratory disorders.

5. HEALTH EFFECTS DATA (Continued)

FIRST AID PROCEDURES

EYES Flush with water for at least 15 minutes. Obtain medical attention.
SKIN CONTACT Wash with soap and water.
INHALATION Remove to fresh air. Give oxygen. If symptoms persist, obtain medical attention.
INGESTION Do not induce vomiting - gastric lavage. Keep individual calm. Call a physician immediately.

SPECIAL HEALTH EFFECTS

CARCINOGEN (OSHA Guidelines) Methylene Chloride is considered an animal carcinogen.

6. REACTIVITY

STABILITY Stable
INCOMPATIBILITIES High temperatures sparks, open flame, strong acids, bases or oxidizing agents.
NFPA REACTIVITY HAZARD 0
HAZARDOUS DECOMPOSITION
PRODUCTS CO₂, Carbon Monoxide, HCl, phosgene gas.
HAZARDOUS POLYMERIZATION Will not occur.
HAZARDOUS POLYMERIZATION CONDITIONS None known.

7. PRECAUTIONS FOR SAFE HANDLING AND USE

PROTECTIVE EQUIPMENT

REQUIREMENTS Safety glasses or goggles. Protective gloves (none required if spraying).
Ventilation sufficient to maintain vapor concentrations below TLV.
WASH REQUIREMENTS Wash with soap and water.
SPILL OR LEAK PROCEDURES Use absorbent sweeping compound to soak up material. Put into container. Dispose of as hazardous waste.
WASTE DISPOSAL METHODS Dispose as hazardous waste in accordance with EPA RCRA.
HANDLING & STORAGE Keep away from heat, sparks, or open flame. Store at temperatures below 120°F.
OTHER PRECAUTIONS When spraying more than one half can continuously, or more than one can consecutively, use NIOSH approved respirator. Avoid prolonged breathing of vapors. Use with adequate ventilation.

8. ADDITIONAL INFORMATION

Use self contained breathing apparatus if TLV limits are exceeded.
Do not smoke while using. Wash hands after use.

THE INFORMATION GIVEN AND THE RECOMMENDATIONS MADE HEREIN APPLY TO OUR PRODUCT(S) ALONE AND ARE NOT COMBINED WITH OTHER PRODUCT(S). SUCH ARE BASED ON OUR RESEARCH AND ON DATA FROM OTHER RELIABLE SOURCES AND ARE BELIEVED TO BE ACCURATE. NO GUARANTEE OF ACCURACY IS MADE. IT IS THE PURCHASER'S RESPONSIBILITY BEFORE USING ANY PRODUCT TO VERIFY THIS DATA UNDER THEIR OWN OPERATION CONDITIONS AND TO DETERMINE WHETHER THE PRODUCT IS SUITABLE FOR THEIR PURPOSES.

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