

MSDS Material Safety Data Sheet

Wechem Inc.



Moly- D

MSDS Number: L1105C

Revision Date: 05/25/06

Page 1 of 4

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

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Product Name: Moly- D
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2 HAZARDS IDENTIFICATION

Route of Entry: Skin absorption, inhalation
Target Organs: NA
Inhalation: High concentration can cause nasal and respiratory irritation.
Skin Contact: Prolonged exposure may cause irritation
Eye Contact: May cause irritation, corneal injury
Ingestion: Can cause gastrointestinal irritation, nausea, diarrhea, vomiting.

HMIS II-ratings (scale 0-4): Health = 2, Fire = 4, Reactivity = 1
HMIS III-ratings (scale 0-4): Health = 2, Fire = 4, Physical Hazard = 2
NFPA-ratings (scale 0-4): Health = 2, Fire = 4, Reactivity = 1

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
108883	Toluene	60-80	100	100	D
67641	Acetone	10-20	1000	1000	D
8054413	Aliphatic Hydrocarbons	5-10	100	100	D



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Page 2 of 4

4 FIRST AID MEASURES

Inhalation: Remove to fresh air. Resuscitate if necessary. Seek medical attention.
Skin Contact: Wash with soap and water. If irritated seek medical attention.
Eye Contact: Flush with water for 15 minutes. If irritated, seek medical attention.
Ingestion: Do not induce vomiting. Get medical attention.

5 FIRE FIGHTING MEASURES

Flash Point: ~ 48 Deg. F.
Flash Point Method: NA
Burning Rate: ND
Autoignition Temperature: ND
LEL: ND
UEL: ND
Flammability Classification: Flammable liquid

Extinguishing media: Foam, dry chemical, carbon dioxide

Special Fire fighting procedures: Use self-contained breathing apparatus and protective clothing. Cool fire-exposed containers to prevent rupturing.

Unusual Fire & Explosion Hazard: Exposure to temperature above 120 Deg. F. may cause bursting. In extreme fire cases, this material may present a floating fire hazard.

eg. F.

6 ACCIDENTAL RELEASE MEASURES

Contain spill and absorb with suitable medium. Allow propellant to evaporate.

7 HANDLING AND STORAGE

Handling Precautions: Store in a cool, dry area away from sparks, flames and other source of ignition.
Storage Requirements: Store in a cool, dry area away from sparks, flames and other source of ignition. Keep out of reach of children.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Ventilation Requirement: Local exhaust to keep TLV below acceptable limits.
Protective Equipment: HMIS PP, B | Goggles, Gloves
Respiratory Protection: None needed for proper use in accordance with label directions. Air supplied respirator in confined areas.
Protective gloves: Rubber/ chemical resistant
Eye protection: Safety glasses/ goggles
Exposure Guidelines/Other: Hygienic work practices: Wash with soap and water before handling food.



Moly- D

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Revision Date: 05/25/06

Page 3 of 4

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dark grey viscous liquid	Boiling Point:	~ 133 Deg. F.
Physical State:	Liquid	Freezing/Melting Pt.:	NA
Odor:	Solvent	Solubility:	Negligible
pH:	NA	Spec Grav./Density:	(H2O=1): @ 0.937 +/- 0.05
Vapor Pressure:	NA		
Vapor Density:	(Air=1): >1		
Heat Value:	NA		
VOC:	~ 68 %		
Evap. Rate:	NA		
Bulk Density:	NA		
Octanol:	NA		
Molecular Weight:	NA		
Particle Size:	NA		
Softening Point:	NA		
Viscosity:	NA		
Percent Volatile:	~68		
Sat. Vap. Concentrat.:	NA		
Molecular Formula:	NA		

10 STABILITY AND REACTIVITY

Stability:	Stable
Conditions to avoid:	Heat, contact with oxidizers
Materials to avoid (incompatibility):	Strong oxidizers
Hazardous Decomposition products:	Carbon monoxide, Carbon dioxide
Hazardous Polymerization:	Will not occur

11 TOXICOLOGICAL INFORMATION

NA

12 ECOLOGICAL INFORMATION

NA

13 DISPOSAL CONSIDERATIONS

Dispose of according to local, state, or federal regulations.



Moly- D

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Page 4 of 4

14 TRANSPORT INFORMATION

Proper Shipping Name: Flammable liquids, N.O.S. (Toluene), 3, UN1993, PG II

15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*Acetone (67641 10-20%) CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, TOXICRCRA, TXAIR, TXHWL

*Toluene (108883 60-80%) CERCLA, CSWHS, EPCRAWPC, HAP, MASS, NJHS, OSHAWAC, PA, PRIPOL, PROP65, SARA313, TOXICPOL, TOXICRCRA, TXAIR, TXHWL

REGULATORY KEY DESCRIPTIONS

MASS = MA Massachusetts Hazardous Substances List
OSHAWAC = OSHA workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
TXAIR = TX Air Contaminants with Health Effects Screening Level
CERCLA = Superfund clean up substance
HAP = Hazardous Air Pollutants
NJHS = NJ Right-to-Know Hazardous Substances
SARA313 = SARA 313 Title III Toxic Chemicals
TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)
TXHWL = TX Hazardous Waste List
CSWHS = Clean Water Act Hazardous substances
EPCRAWPC = EPCRA Water Priority Chemicals
PRIPOL = Clean Water Act Priority Pollutants
PROP65 = CA Prop 65
TOXICPOL = Clean Water Act Toxic Pollutants

16 OTHER INFORMATION

We believe the statements technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. ** Chemical listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not listed [e] Animal data only
N/A = Not available N/D = Not determined

END OF MSDS DOCUMENT