

# MOLY-SPRAY™, AEROSOL

## ( DRY FILM LUBRICANT )

STOCK # ('S): 12014

# MATERIAL SAFETY DATA SHEET

H.M.I.S.	
H -	2
F -	3
R -	0
P.P.	

### SECTION I - PRODUCT IDENTIFICATION

**MANUFACTURE:** ANTI-SEIZE TECHNOLOGY

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### SECTION II – COMPOSITION

	CAS #	OSHA PEL,	TLV	SARA III	PROP 65,	PERCENT
MOLYBDENUM DISULFIDE	1317-33-5	10mg/m3		NO	NO	5 - 20
TOLUENE	108-88-3	100ppm		YES	YES	5 - 15
ACETONE	67-64-1	750ppm		YES	NO	35 - 50
ISOPROPYL ALCOHOL	67-63-0	400ppm		YES	NO	8 - 18
XYLENE	1330-20-7	100ppm		YES	NO	0.5 - 1
METHYL ISOBUTYL KETONE	108-10-1	50ppm		YES	NO	15 - 30
PROPANE / ISOBUTANE	74-98-6	1000ppm		NO	NO	15 - 30

### SECTION III - PHYSICAL PROPERTIES

**BOILING POINT:** DOES NOT APPLY

**MELTING POINT:** DOES NOT APPLY

**VAPOR DENSITY ( AIR = 1):** > 1

**EVAPORATION RATE (BUTYL ACETATE = 1):** >1

**APPEARANCE AND ODOR:** GRAYISH/ BLACK SPRAY, SOLVENT ODOR

**SOLUBILITY IN WATER:** NIL

**REACTIVITY IN WATER:** NONE

**SPECIFIC GRAVITY:** 1.1

**PERCENT VOLATILE:** 97

### SECTION IV - FIRE AND EXPLOSION DATA

**AEROSOL FLAMMABILITY:** EXTREMELY FLAMMABLE,  
OSHA CLASS 1A

**FLAMMABLE LIMITS: LEL:** 1.2 **UEL:** NO DATA

**EXTINGUISHING MEDIA:** FOAM, CO2, DRY CHEMICAL

**SPECIAL FIRE FIGHTING PROCEDURES:** CANS MAY RUPTURE, BURST OR EXPLODE IN A FIRE. USE EXTREME CAUTION. WATER MAY BE INEFFECTIVE BUT CAN BE USED TO COOL CONTAINERS TO PREVENT PRESSURE BUILD UP. WEAR GOGGLES AND A SELF CONTAINED BREATHING APPARATUS.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** CANS MAY RUPTURE OR BURST, RELEASING THEIR CONTENTS. VAPOR ACCUMULATION CAN FLASH OR EXPLODE IF IGNITED. OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD.

### SECTION V- PHYSICAL HAZARDS

**STABILITY:** (X) STABLE ( ) UNSTABLE

**CONDITIONS TO AVOID:** APPLICATION TO HOT SURFACES, STORAGE ABOVE 120F. EXPOSURE TO OPEN FLAMES.

**INCOMPARABILITY ,(MATERIALS TO AVOID):**STRONG OXIDIZING AGENTS.

**HAZARDOUS DECOMPOSITION PRODUCTS:** THE THERMAL DECOMPOSITION PRODUCTS ARE HIGHLY DEPENDANT UPON THE COMBUSTION CONDITIONS. NOXIOUS OR TOXIC FUMES MAY BE GENERATED, SOME OF WHICH MAY BE TOXIC OR IRRITATING.

**HAZARDOUS POLYMERIZATION:** WILL NOT OCCUR.

### SECTION VI - HEALTH HAZARDS AND FIRST AID

**ROUTES OF ENTRY:**  SKIN  EYES  INHALATION  INGESTION

**HEALTH HAZARDS:** READ THE WARNING LABELS ON THE CAN FOR ADDITIONAL INFORMATION.

THIS PRODUCT CONTAINS SOLVENTS WHICH, IF INHALED IN SUFFICIENT QUANTITIES WILL CAUSE DIZZINESS, HEADACHE, NARCOSIS. USE WITH ADEQUATE VENTILATION, LOCAL EXHAUST OR RESPIRATOR TO MINIMIZE THE EXPOSURE. THE SOLVENTS CAN CAUSE IRRITATION TO THE SKIN, EYES OR RESPIRATORY TRACT IF THE EXPOSURE IS GREAT ENOUGH. AVOID EXCESSIVE EXPOSURE.

### EMERGENCY FIRST AID PROCEDURES

**SKIN:** WASH WITH SOAP AND WATER, USING A NAIL BRUSH . PAY PARTICULAR ATTENTION TO FINGER NAILS AND OPEN WOUNDS.

**EYES:** FLUSH EYE WITH WATER FOR 15 MINUTES, LIFTING THE EYELIDS. IF IRRITATION PERSISTS CONSULT A PHYSICIAN.

**INGESTION:** NOT A LIKELY ROUTE OF EXPOSURE, DO NOT INDUCE VOMITING, . USE A GASTRIC LAVAGE, AND CALL A POISON CONTROL CENTER OR A PHYSICIAN.

**INHALATION:** THE SOLVENTS AND/OR PROPELLANTS IN THIS PRODUCT MAY EFFECT THE RESPIRATORY TRACT OR CENTRAL NERVOUS SYSTEM. AVOID OVEREXPOSURE. DIZZINESS OR RESPIRATORY IRRITATION ARE SIGNS OF OVEREXPOSURE. SEEK FRESH AIR. OR FOLLOW OTHER STANDARD MEDICAL PRACTICES..

**CHEMICAL ('S) LISTED AS CARCINOGENS: TOLUENE**

**NPT ? : NO I.A.R.C. ? : YES OSHA ? : NO**

### SECTION VII - SPECIAL PRECAUTIONS AND SPILL PROCEDURES

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** STORE IN A COOL ,WELL VENTILATED AREA. DO NOT STORE ABOVE 120 F. .

**OTHER PRECAUTIONS:** DO NOT TAMPER WITH VALVE. DO NOT PUNCTURE, DO NOT SPAY IN EYES OR INGEST, READ THE PRODUCT LABEL FOR ADDITIONAL INFORMATION. KEEP AWAY FROM CHILDREN.

**SPILL/ LEAKAGE PROCEDURES:** AVOID BREATHING VAPORS. VENTILATE AREA AND REMOVE ALL SOURCES OF IGNITION. CLEAN UP AREA WITH ABSORBENT MATERIAL AND PLACE IN A CLOSE CONTAINER FOR DISPOSAL..

**WASTE DISPOSAL:** DISPOSE OF IN A RESPONSIBLE MANNER. FOLLOW LOCAL, STATE AND FEDERAL GUIDELINES. DO NOT DISCHARGE INTO SEWERS OR WATERWAYS. REFER TO OTHER SECTIONS OF THIS MSDS FORM FOR ADDITIONAL INFORMATION

### SECTION VIII - SPECIAL PROTECTION INFORMATION

**RESPIRATORY PROTECTION:** NORMALLY NOT REQUIRED. AVOID BREATHING VAPORS. IN RESTRICTED AREAS, USE A LOCAL EXHAUST TO REMOVE VAPORS, AND MAINTAIN AIR QUALITY. IF TLV'S ARE ABOVE ACCEPTABLE LIMITS USE A SELF CONTAINED BREATHING APPARATUS.

**PROTECTIVE GLOVES:** NORMALLY NOT REQUIRED

**EYE PROTECTION:** SAFETY GLASSES WITH SIDE SPLASH SHIELDS ARE RECOMMENDED.

**WORK/HYGIENIC PRACTICES:** USE GOOD STANDARD PRACTICES WHEN USING THIS MATERIAL. DO NOT EAT OR SMOKE WHILE USING, AND THOROUGHLY WASH WITH SOAP AND WATER, USING A NAIL BRUSH AFTER USING.

### SECTION X - REGULATORY INFORMATION

**CALIFORNIA PROPOSITION 65: TOLUENE**

**OZONE DEPLETING SUBSTANCES:** NONE

**SARA TITLE III :** NO

**CERCLA: TOLUENE**

**RCRA: TOLUENE**

**DOT SHIPPING CLASS:** ORM-D, UN 1950

**TASCA INVENTORY :** ALL INGREDIENTS LISTED

**N.F.P.A. RATING:** H-2,F-3,R-0

### SECTION IX - DISCLAIMER

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**DATE PREPARED: 4/17/02**

**Moly Spray**