

SAF-T-LOK

International Corporation

Material Safety Data Sheet
DRY FILM MOLY LUBE

Issue Date: 12/6/10

SECTION I - PRODUCT AND COMPANY INFORMATION

Product Name: DMA-12 DRY FILM MOLY LUBE
Product Type: Lubricant
Part Numbers: **85856**
Hazard Rating: Health: 2 Fire: 3 Reactivity: 1

Company Identification: SAF-T-LOK International Corporation
300 EISENHOWER LANE NORTH
LOMBARD, IL 60148

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Product Class: Mixture
DOT Hazard Class: Aerosols
Shipping Name: Flammable Gas

SECTION II - INGREDIENT AND HAZARD INFORMATION

Components	CAS#	OSHA PEL	ACGIH TLV	Percent
Acetone	67-64-1	750 ppm	750 ppm	42
*Methyl-ethyl ketone	78-93-3	200 ppm	200 ppm	20
Isopropyl alcohol	67-63-0	400 ppm	400 ppm	10
Molybdenum disulfide	1317-33-5	10 mg/m	10 mg/m ³	2
Propane	74-98-6	1000 ppm	Asphyxiant	12
Butane	106-97-8800 ppm	800 ppm	11	

*Indicates toxic chemical subject to the reporting requirements of section 313 of Title III and of 40 DFR 372.

SECTION III - HAZARD IDENTIFICATION AND EMERGENCY OVERVIEW

EMERGENCY OVERVIEW

Physical appearance:	Aerosol	HMIS	
		Health:	2
		Flammability:	3
		Reactivity:	1
		Personal Protection:	B

WARNING; MAY CAUSE: EYE IRRITATION
SKIN IRRITATION
RESPIRATORY TRACT IRRITATION
MAY IRRITATE EXISTING ALLERGIC SKIN CONDITIONS

Relative routes of entry: Skin, Inhalation, Eyes

Skin Contact: Usually no effect, however, as with any chemical, prolonged, excessive, or repeated exposure may cause mild to moderate skin irritation, exhibited by redness, drying and cracking of unprotected skin.

Eye Contact: May irritate with slight pain and redness.

Respiratory/ Inhalation: Dizziness, Headache, Nausea, Fatigue, Drowsiness, Impaired co-ordination

Ingestion: Amounts transferred to mouth by fingers, etc, during normal operation should not cause injury.

Medical conditions generally aggravated by exposure: Liver and Kidney disease, Anemia, Coronary disease

SECTION IV – FIRST AID INSTRUCTIONS

Skin Contact: Remove contaminated clothing. Wash affected area with soap and rinse with plenty of water. Get medical attention if symptoms occur. Wash clothing before reuse.

Eye Contact: Flush with water for at least 15 minutes holding eyelid open. Get medical attention if symptoms persist.

Respiratory / Inhalation: Remove to fresh air, if symptoms develop get medical attention.

Ingestion: Do not induce vomiting. Obtain medical attention if symptoms develop.

SECTION V – FIRE FIGHTING INSTRUCTIONS

Flash Point:	-156°F (Estimate.)
Unusual Fire and Explosion Hazards:	Closed containers may explode from internal pressure build-up When exposed to extreme heat and discharge contents.
Flammable Limits:	LEL: 1.8, UEL: 13
Extinguishing Media:	Carbon Dioxide, Foam, Dry Chemicals, Water fog
Fire Fighting Procedures:	Air mask, goggles, and procedures for fighting chemical fires

SECTION VI -ACCIDENTAL RELEASE MEASURES

Special Precautions:	Avoid breathing vapors. Ventilate area. Remove all sources Of ignition.
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Environmental precautions:	Prevent material from entering floor drains, sewers, or any bodies of water.
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Clean up methods:	Clean up area with absorbent material. Store in a closed container until disposal.
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SECTION VII - HANDLING AND STORAGE

Handling:	Avoid contact with eyes, skin, and clothing. Avoid breathing vapors. Wash hands thoroughly at mealtime and end of shift.
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Storage:	Store in a cool location (60-90°F) in a well ventilated area away from sources of heat. Do not puncture or Incinerate (burn) cans. Do not stick pin, nail or any other Sharp object into opening on top of can. Do not spray in Eyes.
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Personal Protection:	Wear personal protective equipment as outlined in Section VIII of this MSDS.
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SECTION VIII – EXPOSURE CONTROLS AND PERSONAL PROTECTION

Respiratory Protection:	No respiratory protection required under normal use, but normal good ventilation is recommended. Forced ventilation may be required if concentrations exceed normal use exposure.
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Skin Protection: Use impermeable gloves (neoprene, butyl rubber, natural rubber), as necessary to avoid skin contact, as well as proper clothing or plastic apron. Wash hands before eating, drinking, or using restroom.

Eye Protection: None under normal use, however, use of safety glasses with splash guards or full face shield is recommended.

Eye Washes: Eye wash stations should be located within 100 feet or 10 second walk of the work area.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Aerosol
Boiling Point: -44°F – 177°F
Specific Gravity: 0.73
Vapor Density (Air = 1): N/A
Vapor Pressure (mm Hg.): N/A
pH: N/A
Melting Point: N/A
Evaporation Rate: N/A
Solubility in Water: Slight to Moderate

SECTION X – STABILITY AND REACTIVITY

Stability: Stable
Hazardous Polymerization: Will not occur.
Hazardous decomposition byproducts: May produce fumes when heated to decomposition. Fumes may contain carbon monoxide
Incompatibility: Strong Oxidizing agents

SECTION XI – TOXICOLOGICAL INFORMATION

Carcinogen Status
NTP Carcinogen: No IARC Monographs: No OSHA Regulated: No

SECTION XII – ECOLOGICAL DATA

Water Hazard: No

SECTION XIII – DISPOSAL CONSIDERATIONS

Recommended method of disposal: Dispose of according to Federal, State and local regulations.

SECTION XIV – SHIPPING AND TRANSPORTATION INFORMATION

U.S. Department of Transportation Ground (49 CFR)
Proper Shipping Name: Aerosol
Hazard Class or Division: Flammable Gas
Identification Number: UN 1950

SECTION XV – REGULATORY INFORMATION

See Section II

SECTION XVI – OTHER INFORMATION

Revision date: 12/6/10

DISCLAIMER: The information on this material safety data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user. SAF-T-LOK International Corporation specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of SAF-T-LOK International Corporation products.