

Technical Data Report

MOLI-GUARD

DRY MOLY LUBRICANT



DESCRIPTION

MOLI-GUARD is a molybdenum disulfide dry film lubricant that withstands high pressures and temperatures. Lubricates moving parts of all kinds. Fast drying with minimal transfer. Protects from rusting and corrosion by displacing moisture. Reduces metal to metal contact on treated surfaces. Service temperatures range from -40°F to 600°F. Convenient aerosol is ideal for lubricating surfaces where a liquid lubricant is not practical.

APPLICATIONS

For lubrication of all metal moving parts including high speed gears, machine tools, pump assemblies, conveyors, bearings, wire cable, pipe, engines, heavy equipment, and exposed metal parts. Areas of use include industrial plants, oil rigs, pipe yards, construction areas, machine shops, farm equipment, repair services, office machines, aircraft manufacturers and suppliers, and commercial printers.

FEATURES & BENEFITS

- Provides effective lubrication at temperatures up to 600°F and under high pressure loads
- Quick drying, non-tacky finish adheres well to all metals, most plastics, glass and rubber
- Molybdenum disulfide replaces graphite to free frozen surfaces, stop galling and seizing of metals and prevent chattering, extending the life of machinery and equipment
- Provides a protective barrier that resists dust and abrasive particles and withstands water, oils, alkali and most acids

SPECIFICATIONS

FORM: Solvent Based Aerosol
ODOR: Mild Sweet
COLOR: Black
DETERGENCY: None
TOXICITY: 25 ppm OSHA TLV
WETTING ABILITY: None
STORAGE STABILITY: 1 Year
COLD STABILITY: 0°F
PHOSPHATES: None

FLASH POINT: N/A
FLAME EXTENSION: 12"
SOLUBILITY IN WATER: Immiscible
SPECIFIC GRAVITY: 1.29
% VOLATILE BY VOLUME: 96%
pH: N/A
PROPELLANT: Hydrocarbon
EVAPORATION RATE: Slow
BIODEGRADABILITY: No

LABEL INFORMATION

MOLI-GUARD DRY LUBRICANT SPRAY

- *Cleaner application*
- *Resists dust and abrasive particles*
- *Withstands water, oils, alkalies, and most acids*
- *Will not wipe off easily—chemically attracted to metal*
- *Permits immediate use of chain or gear after application*
- *Will not run off part to which applied, requires less frequent lubrication*
- *Can be used at higher temperatures—will not carbonize*
- *Replaces graphite*

RECOMMENDED FOR: Chain and sprocket lubrication, machine shops, lathe bed and rails, door locks and hinges, reduction of sliding friction, release agent.

DIRECTIONS FOR USE: Shake can well before using. Clean surface thoroughly. Hold can 6 to 8 inches from surface and apply a thin, even film. Thick coats decrease efficiency. Allow 1 to 5 minutes for adequate drying. The concentration of solids in this product may clog nozzle. Shake vigorously and often. Before storing, turn can upside-down and spray until clear.

Caution: Contains methylene chloride, which has been shown to cause cancer in certain laboratory animals. Risk to your health depends on level and duration of exposure.

DANGER: Extremely Flammable Aerosol. Contains gas under pressure; may explode if heated. Causes skin and serious eye irritation. Suspected of causing cancer. May cause respiratory irritation, drowsiness or dizziness. May cause damage to organs through prolonged or repeated exposure. Keep away from heat, sparks, open flames, and hot surfaces. —No smoking. Do

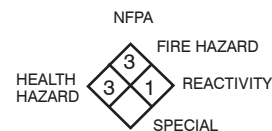
not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store in a well-ventilated place. Wear protective gloves and eye protection. Wash hands thoroughly after handling. If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off contaminated clothing and wash before reuse. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. If exposed or concerned: Get medical advice or attention. Avoid breathing mist, fumes or spray. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell. Dispose of contents and container in accordance with local, state, and national regulations.

Warning: This product contains chemical(s) known to the State of California to cause cancer.

INGREDIENTS (CAS#): Methylene Chloride (75-09-2), Propane/n-Butane (68476-86-8), Isopropyl Alcohol (67-63-0), Molybdenum Disulfide (1317-33-5), Organophilic Clay (N/A).

Made in USA

HEALTH	3
FLAMMABILITY	3
REACTIVITY	1
PERSONAL	B



PACKAGING INFORMATION

12 – 16 oz. cans per case, 12 oz. net weight