QuestSpecialty

Product # 5210

Technical Data Report

MC-FREE

METHYLENE CHLORIDE FREE DRY MOLY FILM LUBRICANT



DESCRIPTION

MC-FREE is a methylene chloride free dry Moly film lubricant offering superior, long-lasting performance. Molybdenum and graphite anti-seize dry coating resists dust and abrasive particles. Withstands water, oil, alkalies and most acids. Forms a strong bond to metal—will not wipe off easily. May be used at higher temperatures—will not carbonize. Formula is more readily accepted by safety directors. May be used as a release agent.

APPLICATIONS

Excellent for use in foundries, machine shops, industrial plants, automotive manufacturers, steel mills, chemical plants, shipyards, oil fields, marine and mining operations and more. Apply to oil and ore drills, pipe threads, lathe bed and rails, engines, chains and sprockets, pump assemblies, road equipment, turbines and more.

FEATURES & BENEFITS

- Temperature Range -40°F to +662°F
- Adheres to Metal, Glass, Rubber and Most Plastics
- Resists Water Wash-out, Oils, Alkalies and Most Acids
- Non-Chlorinated
- Resists Pressures Up To 250,000 psi
- Non-Corrosive, Non-Conductive

SPECIFICATIONS

FORM: Black Liquid
ODOR: Solvent
COLOR: Black
DETERGENCY: N/A
TOXICITY: 100 ppm OSHA PEL
WETTING ABILITY: None
STORAGE STABILITY: 1 Year +
COLD STABILITY: 0°F
PHOSPHATES: N/A

FLASH POINT: N/A
FLAME EXTENSION: >18”
SOLUBILITY IN WATER: 63%
SPECIFIC GRAVITY: 0.83
% VOLATILE BY VOLUME: >95%
pH: N/A
VISCOSITY: Thin
EVAPORATION RATE: Fast
BIODEGRADABILITY: No

LABEL INFORMATION

MC-FREE
METHYLENE CHLORIDE FREE DRY MOLY FILM LUBRICANT

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

RECOMMENDED FOR: Foundries; machine shops; automotive plants; vehicle maintenance; sewing trades; paper and corrugated converting; chemical plants; marine, oil fields, and mining operations; etc.

FOR USE ON: Oil drilling equipment, pipe threads, lathe bed and rails, chains and sprockets, road equipment, oil drilling equipment, door locks and hinges, etc. Also may be used as a release agent.

DIRECTIONS: Shake or mix container well before using. Clean surface thoroughly. Apply a thin, even film by spraying or brushing. Thick coats decrease efficiency. Dries in 1 to 3 minutes. Allow to cure 30 minutes before exposing to water.

DANGER: Extremely Flammable Aerosol. Contains gas under pressure; may explode if heated. Causes skin and serious eye irritation. Suspected of damaging fertility or the unborn child. 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. Wash hands thoroughly after handling. Wear protective gloves and eye protection. 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. Do not breathe fumes, mist, vapor and 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 can expose you to chemicals including Crystalline Silica, which is known to the State of California to cause cancer, and Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Contains (CAS#): Acetone (67-64-12), Propane/n-Butane (68476-86-8), Isopropyl Alcohol (67-63-0), Molybdenum Disulfide (1317-33-5), Toluene (108-88-3).

HEALTH	2
FLAMMABILITY	3
REACTIVITY	0
PERSONAL	B



PACKAGING INFORMATION

5210: 12 – 16 oz. cans per case, 11 oz. net weight