

**MerLube Div., Adtech of Ohio
1245 S. Cleve-Mass Rd.; Ste 218
Copley, Ohio 44321**

SDS (MATERIAL SAFETY DATA SHEET-MSDS)

SECTION 1- IDENTIFICATION

Material / Trade Name: **MerLube 422** **Emergency Telephone: 330.666.8609**
Company Name: MerLube Div. Adtech of Ohio
Usage: Liquid Lubricant for Machining; no restrictions of use

SECTION 2- HAZARD(S) IDENTIFICATION

Health: 1 Fire: 1 Reactivity: 0
Hazard Signal Word: Warning. No known hazards

SECTION 3- COMPOSITION/INGREDIENTS

Specific information is considered as a trade secret and is withheld per CEF 1910:1200 (h). Medical personnel requiring this information should contact Adtech with their request per CFE 1010:1200 (h).

SECTION 4- FIRST AID MEASURES

Eyes: Flush with large amounts of water, lifting upper and lower lids occasionally.
Skin: Wash exposed areas of the body with soap and water.
Inhalation: Remove from area of exposure, seek medical attention if symptoms persist.
Ingestion: Immediately drink two large glasses of water; call a physician.

SECTION 5- FIRE FIGHTING MEASURES

Flash Point (Method Used): > 315° C (COC)
Flammability Limits: none known
Extinguishing Media: Dry Chemical, foam, halon, CO₂, water spray (fog). Cool fire exposed container with water.
Unusual Fire Explosion Hazards: Firefighters should use self-contained breathing apparatus to avoid exposure to smoke and vapor.

SECTION 6- ACCIDENTAL RELEASE MEASURES

Spill Clean-Up Procedures: Remove sources of ignition, contain spill to smallest area possible. Stop leak if possible. Pick up small spills with absorbent materials such as paper towels, "Oil Dry", sand or dirt. Recover large spills for salvage or disposal. Wash hard surfaces with safety solvent or detergent to remove remaining oil film. Greasy nature will result in a slippery floor. Follow local, state and federal disposal regulations.

SECTION 7- HANDLING AND STORAGE

Store in closed containers between 50 and 120° F. Store and use in well ventilated areas. Drum is not a pressure vessel. Keep away from oxidizing agents, excessive heat and ignition sources.
Do not store or use near heat, sparks, or flame; store out of sun.
Do not puncture, drag or slide this container.

SECTION 8- EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Flush with a heavy stream of water for 15 to 20 minutes, lifting upper and lower lids occasionally.
Skin: Wash exposed areas of the body with soap and water.
Inhalation: Remove from area of exposure, seek medical attention if symptoms persist.
Ingestion: Call a physician for advice.
Occupational Exposure Controls: n/a

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point, 760 mm Hg: >200 C

Specific Gravity: H₂O=1: 0.92

Vapor Pressure, mmHg: <1

pH: 6-7

Color and Odor: Red color with faint fatty odor

Vapor Density, Air-1: >1

Physical Form: homogeneous solution

Solubility in H₂O, % by Volume: Insoluble

Evaporation Rate, Butyl Acetate=1: >1

Percent Volatiles: Negligible

Liquid Density: 7.10 lbs./gal @ 77.0 F

SECTION 10- STABILITY AND REACTIVITY

Stability

Hazardous Polymerization

Stable Unstable

May Occur Will Not Occur

Conditions and Materials to Avoid: Strong oxidizing agents.

Hazardous Decomposition Products: n/a

SECTION 11- TOXICOLOGICAL INFORMATION

Eye irritation: May cause irritation. Irrigate eyes with water.

Skin irritation: Safety glasses, goggles or face shield recommended to protect eyes. Neoprene or rubber gloves to prevent skin contact

Respiratory: If vapors or mist are generated wear a NIOSH approved organic respirator.

Protective Clothing: Safety glasses, goggles or face shield recommended for face and eye protection.

SECTION 12- ECOLOGICAL INFORMATION (non mandatory)

Environmental Hazards: None

SECTION 13- DISPOSAL CONSIDERATIONS

Waste may be disposed of by a licensed water disposal company. Contaminated absorbent material may be disposed of in an approved land fill. Follow local, state and federal disposal regulations.

SECTION 14- TRANSPORTATION REQUIREMENTS

DOT Classification: Class 65

NOS Component: none

DOT Info- 49 CFR 172.101: Number 141500

UN Hazard Class: n/a

SECTION 15- REGULATORY INFORMATION

SARA 311/312 Components: none

SARA 313 Toxic Chemicals: none

TSCA Status: Listed

OSHA Status: Not hazardous under 29 CFR 1910.1200. Thermal processing and decomposition fumes may be hazardous as noted in Section 8.

California Proposition 65: none

CERCLA: Not reportable

SECTION 16- OTHER INFORMATION

Date of Preparation: August 29, 2016

Reason for change: format presentation

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