

PRODUCT NAME: Microlube ML- 500**Material Safety Data Sheet**

METALLOID CORPORATION 260-356-3200
500 JACKSON STREET, HUNTINGTON, IN 46750

Prepared by: Robert F. Kowalski Date: July 13, 2009

SECTION 1 IDENTITY

Trade Name (Used on Label): Microlube ML-500

Chemical Family: Metalworking Fluid

HMIS Rating Health: 0 Flammability: 1 Reactivity: 0

SECTION 2 HAZARDOUS INGREDIENTS

<u>Chemical Name</u>	<u>%</u>	<u>CAS#</u>	<u>PEL (OSHA)</u>	<u>TLV (ACGIH)</u>
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This product does not contain any hazardous ingredients as defined by OSHA Hazard Communication Rule 29 CFR 1910-1200

SECTION 3 PHYSICAL AND CHEMICAL DATA

Boiling Point: NA Specific Gravity (H₂O=1): 0.91 @ 70 F. pH: NA

Vapor Pressure (mm Hg): <0.01 % Volatile by Volume: Negligible

Vapor Density (Air=1):>5.0 Sol. In Water: Negligible Evap. Rate (n-Butyl Acetate =1) <0.01

Appearance and Odor: Clear amber liquid with mild odor

SECTION 4 FIRE AND EXPLOSION HAZARD DATA

Flash Point: 340 F.

Flammable Limits in Air (% by Volume): Upper: NE Lower: NE

Extinguishing Media: Carbon dioxide & Dry chemical

Special Fire Fighting Procedures: Use water spray to cool containers exposed to flames. Firefighting personnel should wear respiratory protection.

Unusual Fire and Explosion Hazards: Products of combustion include fumes, smoke and carbon dioxide.

NA=Not Applicable

NDA=No Data Available

NE=Not Established

PRODUCT NAME: Microlube ML-500**SECTION 5 PHYSICAL HAZARDS (REACTIVITY DATA)**

Stability: Product is stable Conditions to avoid: NA

Incompatibility (Materials to avoid): Strong oxidizing agents and strong acids

Hazardous Decomposition Products: Carbon oxides

Hazardous Polymerization: Will not occur Conditions to avoid: NA

SECTION 6 HEALTH HAZARD INFORMATION

Route(s) of Entry: Eyes? YES Inhalation? NO Skin? YES Ingestion? NO

Health Hazards (Acute): If splashed into eyes, irritation may occur. Prolonged or repeated skin contact with this product tends to remove skin oils, possibly leading to irritation and/or dermatitis.

Health Hazards (Chronic): None known.

Carcinogenicity: NTP? NO IRAC Monographs? NO OSHA Reg.? NO

Signs and Symptoms of Exposure: Eyes: Irritation Skin: Irritation, redness, drying.

Medical conditions generally aggravated by exposure:
May aggravate skin irritation / dermatitis.

Emergency First Aid Procedures:

For eyes, flush with large amounts of water for a minimum of 15 minutes. Call a physician. If skin irritation develops, wash with soap and water. If irritation persists, consult a physician.

SECTION 7 SPECIAL PROTECTION INFORMATION

Respiratory Protection: None

Ventilation: None necessary

Protective Gloves: Chemical resistant recommended.

Eye Protection: Splash goggles or safety glasses.

Other Protective Clothing or Equipment: None necessary. Normal industrial attire.

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PRODUCT NAME: MicrolubeML-500**SECTION 8 SPILL OR LEAK PROCEDURES**

Steps to be taken in case material is spilled or released: Shut off ignition sources. Contain spill. Large quantities can be pumped. Small quantities may be soaked up with absorbent.

Waste Disposal Methods: Dispose of according to Local, State and Federal regulations.

SECTION 9 SPECIAL PRECAUTIONS

Precautions to be taken in handling and storage: Keep away from flames, sparks or other heat sources. Never use a torch to cut or weld on or near container. Empty containers may contain explosive vapors. Do not transfer to unlabeled containers. Keep containers closed when not in use.

Other Precautions: For industrial use only.

SECTION 10 EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW INFORMATION

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40CFR 372:

<u>CAS #</u>	<u>Chemical Name</u>	<u>% by weight</u>
	NA	

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