

SAFETY DATA SHEET



Date Prepared : 03/16/2015

SDS No : MicroLube ML-450

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT FORMULATION NAME: MicroLube ML-450**CHEMICAL FAMILY:** Lubricant**MANUFACTURER**

Metalloid Corporation
1160 White St
Sturgis, MI 49091

Emergency Contact: Robert Kowalski**Emergency Phone:** 800-686-3201**E-Mail:** b.kowalski@metalloidcorp.com**24 HR. EMERGENCY TELEPHONE NUMBERS****Poison Control Center (Medical) :** (877) 800-5553**CHEMTREC (US Transportation) :** (800) 424-9300

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATIONS**Health:**

Eye Irritation, Category 2

Skin Irritation, Category 2

GHS LABEL

Exclamation
mark

SIGNAL WORD: WARNING**HAZARD STATEMENTS**

H320: Causes eye irritation.

H317: May cause an allergic skin reaction.

PRECAUTIONARY STATEMENTS**Prevention:**

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P264: Wash thoroughly after handling.

Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P302+P350: IF ON SKIN: Gently wash with plenty of soap and water.

Disposal:

P501: Dispose of contents/container in accordance with Local/State/Federal regulations

POTENTIAL HEALTH EFFECTS**EYES:** Contact may cause eye irritation.**SKIN:** Repeated or prolonged contact may cause skin irritation or dermatitis**INGESTION:** May cause nausea, vomiting and abdominal pain**INHALATION:** Not a normal hazard but may cause irritation.**MEDICAL CONDITIONS AGGRAVATED:** May aggravate skin irritation/dermatitis

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ROUTES OF ENTRY: Eyes, Skin**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt. %	CAS
Ethanol, 2-(butylamino)	> 4	111-75-1

COMMENTS: Other components of this product are non-hazardous and not listed due to trade secrets**4. FIRST AID MEASURES****EYES:** Flush immediately with cool, clean water for at least 15 minutes. If irritation persists, contact a physician**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.**INGESTION:** If large quantities are ingested, contact a physician**INHALATION:** Move person to fresh air; if effects occur, consult a physician.**NOTES TO PHYSICIAN:** Based on the individual reactions of the patient, the physician's judgement should be used to control symptoms and clinical condition.**5. FIRE FIGHTING MEASURES****EXTINGUISHING MEDIA:** Carbon dioxide, dry chemical, foam**HAZARDOUS COMBUSTION PRODUCTS:** Can include carbon oxides**FIRE FIGHTING PROCEDURES:** Use water spray to cool containers exposed to flames. Fire fighting personnel should wear respiratory protection.**FIRE FIGHTING EQUIPMENT:** Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.**6. ACCIDENTAL RELEASE MEASURES****SMALL SPILL:** Absorb into dry earth or sand. Transfer to a closable, labeled salvage container for disposal by an appropriate method.**LARGE SPILL:** Treat like an oil spill. Stop spill at the source. Dike area of spill to prevent spreading. Pump liquid into salvage container. Recover product if possible. Remaining liquid can be taken up with absorbent material and placed into appropriate containers.**7. HANDLING AND STORAGE****GENERAL PROCEDURES:** Keep container closed when not in use**HANDLING:** Avoid contact with eyes. Avoid prolonged or repeated skin contact with the concentrate. Wash thoroughly after handling. Do not swallow. Do not transfer to an unlabeled container.**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****ENGINEERING CONTROLS:** General room ventilation should be sufficient. If mists are present, provide adequate ventilation to control level below PEL.**PERSONAL PROTECTIVE EQUIPMENT****EYES AND FACE:** Safety glasses or splash goggles when eye contact may occur.**SKIN:** Oil resistant gloves recommended.**RESPIRATORY:** Not normally needed. If significant mists, vapors or aerosols are generated an approved respirator is recommended.**WORK HYGIENIC PRACTICES:** Use good hygiene. Do not consume or store food in the work area. Wash hands before smoking or eating.**9. PHYSICAL AND CHEMICAL PROPERTIES****ODOR:** Mild odor**APPEARANCE:** Liquid**COLOR:** Clear Amber**PERCENT VOLATILE:** 0

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FLASH POINT AND METHOD: (340°F) Closed Cup**BOILING POINT:** > (212.02°F) at 760 mm HG**SOLUBILITY IN WATER:** Negligible**SPECIFIC GRAVITY:** 0.91 H₂O=1 at (70°F)**10. STABILITY AND REACTIVITY****HAZARDOUS POLYMERIZATION:** Will not occur**STABILITY:** Polymer, Lubricant**CONDITIONS TO AVOID:** Sources of ignition**POSSIBILITY OF HAZARDOUS REACTIONS:** Hazardous reactions will not occur under normal transport or storage conditions.**HAZARDOUS DECOMPOSITION PRODUCTS:** Products of combustion can include carbon oxides.**INCOMPATIBLE MATERIALS:** Strong oxidizing agents. Strong acids.**11. TOXICOLOGICAL INFORMATION****COMMENTS:** No specific toxicological data is available.**12. ECOLOGICAL INFORMATION****COMMENTS:** No specific ecological data is available for this product.**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHOD:** Dispose of according to Local, State and Federal regulations. Not a RCRA hazardous waste if uncontaminated. If "used" RCRA criteria must be determined. Do not flush to drain/storm sewer.**EMPTY CONTAINER:** Recondition or dispose of empty container in accordance with government regulations.**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION)****PROPER SHIPPING NAME:** Petroleum Oil, Lubricating, N.O.I.**PRIMARY HAZARD CLASS/DIVISION:** Not Hazardous**OTHER SHIPPING INFORMATION:** This product is not considered hazardous according to DOT**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****TITLE III NOTES:** This product does not contain toxic chemicals subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.**CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)****CERCLA REGULATORY:** This product does not contain any RQs or TPQs under this regulation.**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

Chemical Name	CAS
Ethanol, 2-(butylamino)	111-75-1

TSCA REGULATORY: All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30**16. OTHER INFORMATION****APPROVED BY:** Robert Kowalski **TITLE:** Vice President of Research and Development**PREPARED BY:** Alissa Simon **Date Prepared:** 03/16/2015**INFORMATION CONTACT:** 1-800-686-3201

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HMIS RATING

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY		1
PHYSICAL HAZARD		0
PERSONAL PROTECTION		B

GENERAL STATEMENTS: This information is for use of the purchaser only. This document should not be given to any outside organization without expressed consent from Metalloid Corporation.

MANUFACTURER DISCLAIMER: This product's safety data sheet provides health and safety information. The product is to be used in applications consistent with our product literature. Individuals handling this product should be informed of the recommended safety precautions and should have access to this information.