

MATERIAL SAFETY DATA SHEET

METRILUBE

Instrument Lubricant

1 - IDENTIFICATION

Manufacturer: Metrex Research Corporation
Address: 28210 Wick Road
City, State, Zip: Romulus, MI 48174
Telephone: 1-800-841-1428
Emergency: Chemtrec 1- 800-424-9300
Date Prepared: October 2, 2003

2 - COMPOSITION INFORMATION

Hazardous Ingredients

This product contains no hazardous components as defined in the OSHA Hazard Communication Standard (29 CFR 1910.1200).

Other Ingredients

Water, mineral oil, oleyl alcohol EO, nonylphenol ethoxylate, stearyl alcohol EO, benzalkonium chloride

3 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: N/D
Specific Gravity (H₂O = 1): 1.08
Vapor Pressure (mm Hg): N/D
Vapor Density (AIR =1): N/D
Solubility in Water: 100%
Appearance and Odor: White opaque liquid without a fragrance

4 - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): Nonflammable
Flammable Limits: LEL: N/A **UEL:** N/A
Extinguishing Media: Carbon dioxide, dry chemical, foam
Special Fire Fighting Procedures: N/A
Unusual Fire and Explosion Hazards: N/A

5 - REACTIVITY DATA

Stability: Stable solution
Conditions to Avoid: Avoid temperatures above 200 °F
Incompatibility (Material to Avoid): Avoid strong agents
Hazardous Decomposition Byproducts: Carbon monoxide, carbon dioxide, ammonia
Hazardous Polymerization: Will not occur

6 - HEALTH HAZARD DATA

Routes of Entry:
Skin: Moderate irritation
Eyes: Moderate irritation
Inhalation: Low or mild irritation
Ingestion: Excessive ingestion may cause central nervous system effects.
Carcinogenicity - NTP: No
IARC Monographs: No OSHA Regulated Carcinogen: No

7 - EMERGENCY FIRST AID PROCEDURES

Skin: Wash skin with soap and water.
Eyes: Flush with water for 15 minutes. If irritation persists, seek medical attention.
Inhalation: Remove to fresh air. If irritation persists, seek medical attention.
Ingestion: Do not induce vomiting. Give large amounts of water. Seek medical attention.

8 - PRECAUTIONS FOR SAFE HANDLING & USE

Steps to be taken in case material is released or spilled: Flush away with water or soak up with sand or sweeping compound and shovel into waste container.
Waste Disposal Method: Flush thoroughly with water into sewage disposal system in accordance with federal, state, and local regulations. Do not reuse empty container. Wrap container and put in trash.
Precautions to be taken in handling and storing: Storage between 40 °F and 100 °F is recommended. Avoid freezing.
Other Precautions: Keep out of reach of children. Do not ingest. Avoid skin and eye contact. Avoid contamination of food.

9 - CONTROL MEASURES

Respiratory Protection: N/A
VENTILATION:
Local Exhaust: N/A
Mechanical (General): Should be sufficient
Protective Gloves: Latex rubber, butyl rubber, nitrile rubber and polyethylene
Eye Protection: Safety glasses
Work/Hygiene Practices: Handle in accordance with good personal hygiene and safety practices. These practices include avoiding unnecessary exposure.

10 - TRANSPORTATION INFORMATION

Not regulated.

11 - SPECIAL INFORMATION

HMIS (Hazardous Material Identification System) Rating:
H1 F0 R0
[HMIS Hazard Index: 4 – Severe Hazard; 3 – Serious Hazard;
2 – Moderate Hazard; 1 – Slight Hazard; 0 – Minimum Hazard]

Note: This MSDS was prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200) and is to be used only for this product. The information contained in this MSDS is, to the best of our knowledge, believed to be accurate.