

MATERIAL SAFETY DATA SHEET

METRICLEAN2

Instrument Cleaner and Polisher

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: February 2007

2 - COMPOSITION INFORMATION

Hazardous Ingredients

	<u>CAS #</u>	<u>PEL</u>	<u>TLV</u>	<u>%</u>
Potassium Hydroxide	1310-58-3	2 mg/m ³	2 mg/m ³	3.2-4.0

Other Ingredients

Water and other inert ingredients

3 - PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: 195 °F
Specific Gravity (H₂O = 1): 1.049 at 25 °C
Vapor Pressure (mm Hg): N/A
Vapor Density (AIR = 1): Heavier than water
Evaporation Rate (Butyl Acetate = 1): Slower than ether
Solubility in Water: 100%
Appearance and Odor: Green liquid with a fresh, clean scent
pH: 13.0 – 14.0 (Undiluted)

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 and evaporation of water.
Incompatibility (Material to Avoid): Strong oxidizing agents or acids
Hazardous Decomposition Byproducts: Oxides of carbon
Hazardous Polymerization: Will not occur

6 - HEALTH HAZARD DATA

Routes of Entry:
Skin: Moderate irritation.
Eyes: Severe irritation.
Inhalation: Low or mild irritation.
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: Ventilate area. Wipe up or rinse with tap water, sand or sweeping compound.
Waste Disposal Method: Dispose of in accordance with federal, state, and local regulations. Do not reuse empty container. Rinse container and put in trash.
Precautions to be taken in handling and storing: Store product in original sealed container at room temperature.
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: Use in a well-ventilated area
VENTILATION:
Local Exhaust: Adequate ventilation to maintain recommended exposure limit.
Mechanical (General): Should be sufficient
Protective Gloves: Butyl rubber, nitrile rubber, polyethylene or double-gloved latex
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 by DOT, IATA or IMO.

11 - SPECIAL INFORMATION

HMIS (Hazardous Material Identification System) Rating:
H2 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.