

MATERIAL SAFETY DATA SHEET

LaMOTTE COMPANY
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 24 Hour Emergency Number (CHEM-TEL) 800-255-3924

1. PRODUCT IDENTIFICATION

Magnesium Test Solution #1

Code Nr. **5140**

2. HAZARDOUS INGREDIENTS

NAME	CAS #	TSCA #	%	PEL	TLV
^ Methanol	67-56-1		50	260 mg/cubic m	200 ppm

3. NON-HAZARDOUS INGREDIENTS EXCEPT WATER (7732-18-5)

NAME	CAS #	%
Clayton Yellow dye	N/A	0.05
Water to 100%		

4. PHYSICAL DATA

Appearance: Clear Yellow Liquid
Solubility in Water: Soluble *Odor:* Alcohol *Boiling Point:* ca. 65 degC *Melt. Point:* N/A
Vapor Pressure: ca. 96mm @20 C *Vapor Density:* 1.1 (Air=1) *pH:* N/A

5. FIRE AND EXPLOSION DATA

Flash Point (method used): 22 deg C (CC) *Flammable Limit: LEL:* 6.7% *UEL:* 36%
Extinguishing Media: Dry chemical, CO2, or water spray
HMIS Hazard: Health - 2 Flammability - 2 Reactivity - 0 Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least
Special Fire Fighting Procedures:
 Firefighters wear self-contained breathing apparatus
Unusual Fire & Explosion Hazard:
 Vapors may travel to ignition source and flash back.

6. REACTIVITY DATA

Stability: *Conditions to avoid:* Heat, sources of ignition
 Stable *Incompatibility (Materials to avoid):*
 Strong oxidizers
 Unstable *Hazardous Decomposition Products:* COx and formaldehyde

7. HEALTH HAZARD DATA

Toxicity: orl hmn LDLo: 143 mg/kg for methanol
Primary Route of Entry: *Inhalation* *Skin* *Carcinogenicity:* *None* *NTP*
 Ingestion *N/A* *OSHA* *IARC*
Other Health Related Comments:

Target Organs: Central Nervous System
Signs and symptoms of exposure:
 Headaches, nausea, dizziness, blurred vision, respiratory failure; ingestion may cause blindness.

Medical Condition Aggravated by Exposure: N/A

8. EMERGENCY FIRST AID PROCEDURES

Eye Contact: Immediately flush with water for 15 minutes. Consult physician.
Ingestion: Drink water. Call a physician immediately.
Inhalation:
 Remove to fresh air. If breathing has stopped give artificial respiration. If breathing is difficult, give oxygen.
Skin Contact:
 Flush with water. Wash with soap and water.

9. SPILL AND DISPOSAL PROCEDURES

Spill and Leak:
 Eliminate all sources of ignition. Absorb on paper. Evaporate on iron pan in hood.

Disposal:
 Small quantity: Flush down drain with excess water. Large quantity: Atomize in incinerator. Dispose according to federal, state and local regulations.

10. PRECAUTIONARY MEASURES

In Handling: *Gloves* *Eve Protection* *N/A* *Other:* Lab Coat
Ventilation *Normal* *Mechanical* *Respiratory Protection*
Work/Hygienic Practices: Use with adequate ventilation and avoid contact with skin.

11. SPECIAL PRECAUTIONS

Do not use near heat or flame.

DATE: 4/11/2000 The above information is believed to be correct but does not claim to be all inclusive and should be used only as a guide.

^ This is a toxic chemical subject to reporting requirements of section 313 of FPCRA and 40CFR372