

MATERIAL SAFETY DATA SHEET
 LaMOTTE COMPANY
 PO BOX 329 - CHESTERTOWN - MARYLAND - 21620
 TELEPHONE # FOR INFORMATION 410-778-3100
24 Hour Emergency Number (CHEM-TEL) 800-255-3924

1. PRODUCT IDENTIFICATION

Hard 2 Reagent

Code Nr. 7030

2. HAZARDOUS INGREDIENTS

NAME	CAS #	TSCA #	%	PEL	TLV
† Isopropyl Alcohol	67-63-0		<30	400 ppm	900 mg/cubic m
Triethanolamine	102-71-6		70	5 mg/cubic m	10 mg/cubic m

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

NAME	CAS #	%
1-Naphthalene sulfonic acid, 3 Hydroxy-4-(2-hydroxy-1-naph-thiazol), sodium salt	2538-85-4	0.2

4. PHYSICAL DATA

Appearance: Thick, dark Blue Liquid
Solubility in Water: Soluble *Odor:* Alcohol *Boiling Point:* Unknown *Melt. Point:* Unknown
Vapor Pressure: ca. 12 @24 degC *Vapor Density:* 3 (Air=1) *pH:* ca. 11

5. FIRE AND EXPLOSION DATA

Flash Point (method used) 12 deg C-closed cup *Flammable Limit: LEL:* 2% *UEL:* 12%
Extinguishing Media: Dry chemical, CO2 extinguisher or appropriate foam
HMIS Hazard: Health - 2 Flammability - 2 Reactivity - 0 *Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least*
Special Fire Fighting Procedures:
 N/A
Unusual Fire & Explosion Hazard:
 Vapors may flow along floor to ignition source and flash back.

6. REACTIVITY DATA

Stability: *Conditions to avoid:* Heat
 Stable *Incompatibility (Materials to avoid):*
 Acids, oxidizers
 Unstable
Hazardous Decomposition Products: COx, NOx

7. HEALTH HAZARD DATA

Toxicity: orl rat LD50: 5840 mg/kg, isopropanol: 8 gm/kg, triethanolamine
Primary Route of Entry: *Inhalation* *Skin* *Carcinogenicity:* *None* *NTP*
 Ingestion *N/A* *OSHA* *IARC*
Other Health Related Comments:
Target Organs: Kidney, Liver.
Signs and symptoms of exposure:
 Vapors and liquid cause irritation to eyes, skin and respiratory system. Harmful if swallowed.
Medical Condition Aggravated by Exposure: N/A

8. EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush with water for 15 minutes. Consult physician.
Ingestion: Give plenty of water. Consult a physician immediately.
Inhalation:
 Remove to fresh air. Consult a physician.
Skin Contact:
 Flush skin with water. Remove contaminated clothing. Wash skin with soap and water.

9. SPILL AND DISPOSAL PROCEDURES

Spill and Leak:
 Ventilate area. Eliminate all sources of ignition. Absorb on paper or spill pads. Evaporate on iron pan in hood.
Disposal:
 Place spill pads in closed container and hold for disposal to hazardous waste. Atomize into an incinerator. Follow all local, state and federal regulations.

10. PRECAUTIONARY MEASURES

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

11. SPECIAL PRECAUTIONS

Use with adequate ventilation. Do not use near heat or flame.

DATE: 4/27/99 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 EPCRA and 40CFR372.