

MATERIAL SAFETY DATA SHEET

LaMOTTE COMPANY
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TELEPHONE # FOR INFORMATION 410-778-3100

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

1. PRODUCT IDENTIFICATION

Iron Reagent 1 solution

Code Nr. 4450

2. HAZARDOUS INGREDIENTS

NAME	CAS #	TSCA #	%	PEL	TLV
^ Sulfuric Acid	7664-93-9		4.8	1 mg/cubic m	1 mg/cubic m

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

NAME	CAS #	%
Water to 100%		

4. PHYSICAL DATA

Appearance: Clear Colorless Liquid			
Solubility in Water: Soluble	Odor: None	Boiling Point: >100 deg C	Melt. Point: N/A
Vapor Pressure: <17 @ 20 deg C	Vapor Density: Unknown	pH: <1	

5. FIRE AND EXPLOSION DATA

Flash Point (method used) N/A	Flammable Limit: LEL: N/A	UEL: N/A	
Extinguishing Media: Not a fire hazard			
HMIS Hazard: Health - 2	Flammability - 0	Reactivity - 1	Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least
Special Fire Fighting Procedures: N/A			
Unusual Fire & Explosion Hazard: Can react with metals to form hydrogen gas.			

6. REACTIVITY DATA

Stability: <input checked="" type="checkbox"/> Stable	Conditions to avoid: N/A
<input type="checkbox"/> Unstable	Incompatibility (Materials to avoid): Metals, strong bases
	Hazardous Decomposition Products: SOx

7. HEALTH HAZARD DATA

Toxicity: orl rat LD50: 2140 mg/Kg for sulfuric acid, concentrated	
Primary Route of Entry: <input type="checkbox"/> Inhalation <input checked="" type="checkbox"/> Skin <input type="checkbox"/> N/A	Carcinogenicity: <input checked="" type="checkbox"/> None <input type="checkbox"/> NTP <input type="checkbox"/> OSHA <input type="checkbox"/> IARC
Other Health Related Comments:	
Target Organs: Corrosive to all body parts,	
Signs and symptoms of exposure: Corrosive. Irritating to eyes, skin, nose, throat and respiratory system. Harmful if swallowed.	
Medical Condition Aggravated by Exposure: N/A	

8. EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush thoroughly with water for 15 minutes. Consult a physician.
Ingestion: Do not induce vomiting. Rinse out mouth. Drink plenty of water. Call a doctor.
Inhalation: Remove to fresh air.
Skin Contact: Flush with water for 15 minutes while removing affected clothing. Wash skin with soap and water.

9. SPILL AND DISPOSAL PROCEDURES

Spill and Leak: Cover spill with sodium bicarbonate. Scoop up slurry and wash down drain with excess water.
Disposal: Add slowly to a solution of sodium carbonate and calcium hydroxide. Pour neutralized solution down drain with excess water. Dispose according to federal, state and local regulations.

10. PRECAUTIONARY MEASURES

In Handling: <input checked="" type="checkbox"/> Gloves <input checked="" type="checkbox"/> Eye Protection <input type="checkbox"/> N/A <input checked="" type="checkbox"/> Other: Lab Coat
Ventilation <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Mechanical <input type="checkbox"/> Respiratory Protection
Work/Hygiene Practices: Avoid contact with skin and clothing.

11. SPECIAL PRECAUTIONS

N/A	
DATE: 12/13/00	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.