

Material Safety Data Sheet

LaMotte Chemical Products Company
PO Box 329 • Chestertown • Maryland • 21620
Telephone # for information 301-778-3100
In an emergency: Local Poison Control Center

I • Product Identification

Name: Iron Reagent #1 Code #: 4450 & V-4450

II • Hazardous Ingredients

Name	CAS #	%	PEL	TLV
Sulfuric Acid	7664-93-9	4.8	1 mg/m ³	1 mg/m ³

III • Non-Hazardous Ingredients except water

Name	CAS#	%
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IV • Physical Data

Appearance: Clear, colorless liquid Odor: None

Solubility in water: Soluble pH: ~ 1

Boiling point: unknown Melting point: NA

Vapor pressure (mmHg): unknown Vapor Density (Air = 1): unknown

V • Fire & Explosion Data

Flash point (method used):

Flammable limit: LEL: UEL:

Extinguishing Media: Not a fire hazard

Special Fire Fighting Procedures:

Unusual Fire & Explosion Hazard:

VI • Reactivity Data

Stability: Stable [X] Unstable []

Conditions to Avoid: NA

Incompatibility (Materials to Avoid): Alkalies

Hazardous Decomposition Products: NA

VII • Health Hazard Data

Toxicity: Unknown

Primary Route of Entry: Inhalation [] Skin [X] Ingestion []

Target Organ: NA

Signs & Symptoms of Exposure: May be irritating to eyes, nose & skin.

Medical Condition Aggravated by Exposure: NA

Carcinogenicity: [X] NA [] NTP [] IARC

VIII • Emergency First Aid Procedures

Eye Contact: Flush thoroughly with water for 15 minutes. Consult a physician.

Skin Contact: Flush with water, remove affected clothing and wash skin with soap and water.

Ingestion: Rinse mouth, drink glass of water and consult physician.

Inhalation: NA

IX • Spill & Disposal Procedures

Spill & Leak: Cover spill with sodium bicarbonate. Scoop up slurry and wash down drain with excess water.

Disposal: Add slowly to a solution of soda ash and slaked lime.

Pour this neutralized solution down drain with excess water.

X • Precautionary Measures

In Handling: Gloves [X] Eye Protection [X] Other: Lab Coat

Ventilation: Mechanical [] Respiratory Protection []

Normal Ventilation [X]

Work/Hygienic Practices: Avoid contact with skin and clothing

XI • Special Precautions: NA

Date: 2/17/88

The above information is believed to be correct but does not claim to be all inclusive and should be used only as a guide.