

## 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: Sulfuric Acid, 0.5N Code #: 6090

### II • Hazardous Ingredients

Name	CAS #	%	PEL	TLV
Sulfuric Acid	7664-93-9	2.4	1 mg/m <sup>3</sup>	1 mg/m <sup>3</sup>

### 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): NA

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: 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 a 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: 11/19/88

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