

MATERIAL SAFETY DATA SHEET

LaMOTTE COMPANY

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24 HOUR EMERGENCY NUMBER (CHEM-TEL) 800-255-3924

1. PRODUCT IDENTIFICATION

Product Code: WL-6229

Product Description: Sulfuric Acid

2. HAZARDOUS INGREDIENTS

CAS#/Name	%	PEL	TLV
7664-93-9 Sulfuric Acid	0.24	1 mg/cubic m	1 mg/cubic m

3. NON-HAZARDOUS INGREDIENTS

Name	CAS #	%
Water to 100%		

4. PHYSICAL DATA

Appearance: Colorless Clear Liquid	Vapor Density: <1 (Air=1)
Solubility In Water: Soluble	Vapor Pressure: <17 @ 20 deg C
Odor: None	Boiling Point: ca. 100 degC
pH: 1 - 2	Melting Point: N/A

5. FIRE & EXPLOSION DATA

HMIS Hazard			Flammable Limit	
Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least			LEL: N/A	UEL: N/A
Health: 1	Flammability: 0	Reactivity: 0		

Extinguishing Media: Not a fire hazard

Flash Point (Method Used): N/A

Special Fire Fighting Procedures: N/A

Unusual Fire & Explosion Hazard: N/A

6. REACTIVITY DATA

Stable: True

Conditions To Avoid: N/A

Incompatibility (Materials To Avoid): N/A

Hazardous Decomposition Products: N/A

7. HEALTH HAZARD DATA

Toxicity: orl rat LD50: orl rat LD50: 2140 mg/kg for sulfuric acid, concentrated

Primary Route Of Entry: Ingestion Skin

Carcinogenicity: None

Other Health Related Comments:

Target Organs:

Signs and Symptoms of Exposure: May irritate eyes and skin. Harmful if swallowed.

8. EMERGENCY FIRST AID PROCEDURES

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

Ingestion: Rinse mouth, drink glass of water. Consult physician.

Inhalation: N/A

Skin Contact: Flush with water, remove affected clothing and 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 & calcium hydroxide. Pour neutralized solution down drain with excess water. Dispose according to federal, state and local regulations.

10. PRECAUTIONARY MEASURES

In Handling: Gloves Eye Protection Other

Ventilation: Normal

Other: Lab Coat

Work/Hygienic Practices: Avoid contact with skin and clothing.

11. SPECIAL PRECAUTIONS

N/A

Date: 3/1/2004
