

MATERIAL SAFETY DATA SHEET

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

1. PRODUCT IDENTIFICATION

Sulfuric Acid

Code Nr. **WL-6229**

2. HAZARDOUS INGREDIENTS

| NAME | CAS # | TSCA # | % | PEL | TLV |
|-----------------|-----------|--------|------|--------------|--------------|
| ^ Sulfuric Acid | 7664-93-9 | | 0.24 | 1 mg/cubic m | 1 mg/cubic m |
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3. NON-HAZARDOUS INGREDIENTS EXCEPT WATER (7732-18-5)

| NAME | CAS # | % |
|---------------|-------|---|
| Water to 100% | | |
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4. PHYSICAL DATA

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

5. FIRE AND EXPLOSION DATA

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

6. REACTIVITY DATA

| | | | |
|---|--------------------------|--|---------------------------------------|
| Stability: <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable | Conditions to avoid: N/A | Incompatibility (Materials to avoid): N/A | Hazardous Decomposition Products: N/A |
|---|--------------------------|--|---------------------------------------|

7. HEALTH HAZARD DATA

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|--|--|------------------|---|
| 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"/> Ingestion <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: N/A | | | |
| Signs and symptoms of exposure: May irritate eyes and skin. Harmful if swallowed. | | | |
| Medical Condition Aggravated by Exposure: N/A | | | |

8. EMERGENCY FIRST AID PROCEDURES

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| 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

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| 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

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| 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

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| N/A |
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DATE: 7/12/02 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.