

MATERIAL SAFETY DATA SHEET
 LaMOTTE COMPANY
 PO BOX 329 - CHESTERTOWN - MARYLAND - 21620
 TELEPHONE # FOR INFORMATION 410-778-3100
24 Hour Emergency Number (CHEM-TEL) 800-255-3924

1. PRODUCT IDENTIFICATION

Sulfuric Acid, 36%

Code Nr. **7885**

2. HAZARDOUS INGREDIENTS

NAME	CAS #	TSCA #	%	PEL	TLV
† Sulfuric Acid	7664-93-9		36	1 mg/cubic m	1 mg/cubic m

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

NAME	CAS #	%
Water		64

4. PHYSICAL DATA

Appearance: Colorless Liquid
 Solubility in Water: Soluble Odor: None Boiling Point: Unknown Melt. Point: N/A
 Vapor Pressure: Unknown 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: Dry chemical or CO2, not water
 HMIS Hazard: Health - 3 Flammability - 0 Reactivity - 2 Scale: 4 = Extreme, 3 = High, 2 = Moderate, 1 = Slight, 0 = Least
 Special Fire Fighting Procedures:
 Wear protective equipment and self-contained breathing apparatus.
 Unusual Fire & Explosion Hazard:
 A violent exothermic reaction occurs with water. Contact with metals may emit flammable, explosive hydrogen gas.

6. REACTIVITY DATA

Stability: Conditions to avoid: Moisture
 Stable Incompatibility (Materials to avoid):
 Water, metals, organic or combustible materials, and strong bases.
 Unstable Hazardous Decomposition Products: Oxides of sulfur

7. HEALTH HAZARD DATA

Toxicity: orl rat LD50: 2140 mg/kg for sulfuric acid, concentrated
 Primary Route of Entry: Inhalation Skin Carcinogenicity: None NTP
 Ingestion N/A OSHA IARC
 Other Health Related Comments:
 Target Organs: Corrosive to all body parts.
 Signs and symptoms of exposure:
 Corrosive to all body parts. Severe burns. Inhalation may cause lung damage. Ingestion may be fatal.
 Medical Condition Aggravated by Exposure: N/A

8. EMERGENCY FIRST AID PROCEDURES

Eye Contact: Immediately flush with water for at least 15 minutes. Consult doctor immediately.
 Ingestion: Do not induce vomiting. Rinse mouth, drink glass of water and call a doctor immediately.
 Inhalation:
 Move to fresh air. If breathing is difficult, give oxygen. Consult physician.
 Skin Contact:
 Immediately flush with water for at least 15 minutes while removing affected clothing and shoes. Wash skin with soap and water. Consult physician.

9. SPILL AND DISPOSAL PROCEDURES

Spill and Leak:
 Cover with sodium bicarbonate or soda ash-slaked lime mixture. Mix and carefully add water to form slurry. Scoop up and wash down drain with excess water.
 Disposal:
 Add very slowly with stirring to a large volume of soda ash and slaked lime. Pour this neutralized solution down drain with excess water. Dispose according to federal, state and local regulations.

10. PRECAUTIONARY MEASURES

In Handling: Gloves Eye Protection N/A Other: Lab Coat
 Ventilation Normal Mechanical Respiratory Protection
 Work/Hygienic Practices: Avoid contact with skin and clothing. Avoid inhalation of vapor.

11. SPECIAL PRECAUTIONS

Store away from incompatible items (strong bases).

DATE: 5/12/97 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.