



Fire may produce poisonous or irritating gas, fumes or vapor.

SECTION V - REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS OR MATERIALS TO AVOID:

Avoid sources of ignition and excessive heat. Keep away from oxidizers and reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

Toxic gases, such as sulfur oxides, may be produced upon combustion.

SECTION VI - HEALTH HAZARD DATA

NFPA HAZARDOUS RATING: Health = 3 Flammability = 0 Reactivity = 2

Carcinogenic Listing:

NTP: No ingredients listed in this section.

IARC MONOGRAPHS: No ingredients listed in this section.

OSHA 29 CFR 1910: No ingredients listed in this section

ENTRY ROUTES & EFFECTS OF OVEREXPOSURE:

Contact: Can cause severe burns to eyes and skin, possibly resulting in permanent damage to the eyes or blindness.

Inhalation: Causes extreme irritation and/or burns to respiratory tract, with excessive concentrations resulting in pulmonary edema and possible death.

Ingestion: Harmful or fatal if swallowed, causing severe burns to gastrointestinal tract.

STATEMENT OF PRACTICAL TREATMENT:

Contact: Immediately flush exposed area thoroughly with water. For eyes, flush with cool water for at least 15 minutes. Get immediate medical attention. Remove contaminated clothing.

Inhalation: Remove to fresh air. If breathing has stopped, administer artificial respiration (or oxygen, if breathing is difficult). **Consult a physician at once!**

Ingestion: If conscious, give several glasses of water or milk. **Do not** induce vomiting. Contact a physician or local Poison Control Center at once!

SECTION VII - SPECIAL PRECAUTIONS

HANDLING AND STORAGE PRECAUTIONS:

Avoid contact with eyes, skin and clothing. Do not breathe vapor. Open containers carefully to avoid spattering. **Do not** add water to acid. Use with adequate ventilation. Store in a cool, dry area away from other chemicals. Keep out of sun and away from heat. Keep container in upright position.



THATCHER COMPANY MATERIAL SAFETY DATA SHEET

PRODUCT: SULFURIC ACID, 98%

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STEPS TO BE TAKEN IF MATERIAL SPILLS OR LEAKS:

Evacuate area. Wear proper safety equipment. Dike and recover as much product as possible into polyethylene drums. Neutralize residual acid with soda ash and flush to sewer with large amounts of water. (Only if permitted by local laws).

WASTE DISPOSAL METHOD:

Waste product is an EPA hazardous waste due to corrosivity (D002), and must be disposed of at an EPA-approved waste disposal facility. Comply with all local, state and federal regulations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION:

Self-contained breathing apparatus must be available.

VENTILATION:

Maintain ventilation to keep TLV below 1mg/m³.

EYE PROTECTION:

Chemical-splash goggles, full face shield.

SKIN PROTECTION:

Rubber gloves, rubber boots, acid suit.

OTHER PROTECTIVE EQUIPMENT:

As needed to prevent all bodily contact and inhalation of vapor.

ACGIH = American Conference of Governmental Industrial Hygienists

CL = Ceiling Level

IARC = International Agency for Research on Cancer: Monographs

OSHA = Occupational Safety and Health Administration

N/A = Not Applicable

NTP = National Toxicology Program: Annual Report on Carcinogens

PEL = Permissible Exposure Level (OSHA)

TLV = Threshold Limit Value (ACGIH)

TWA = Time Weighted Average over 8 Hours

STEL = Short Term Exposure Limit (ACGIH)

ND = Not Determined

This information is, to the best of our knowledge, accurate but may not be complete. THATCHER COMPANY furnishes this information in good faith, but without warranty, representation or guarantee of its accuracy, completeness, or reliability.