

SECTION I IDENTIFICATION

CHEMTREC 800-424-9300
24 HOUR EMERGENCY ASSISTANCE

Product: Sulfuric Acid Solution, 10% (a1)

Trade/Chemical Synonyms: See Section II

Formula: See Section II

RTCS#

C.A.S. # See Section II

HEALTH	3			
FLAMMABILITY	0			
HAZARD RATING				
LEAST	DANGER	MODERATE	HIGH	EXTREME
0	1	2	3	4

REACTIVITY: 0

SECTION II MIXTURE COMPONENTS

Component	Gas Number	%	TLV
Sulfuric Acid	2664939	10	1 mg/m ³ TWA
Water			

SECTION III PHYSICAL CHARACTERISTICS INFORMATION

Melting Point °C: -2°C

Boiling Point °C: -101°C

Vapor Pressure mm Hg / °C: NA

Vapor Density (Air=1): NA

Solubility in Water: 100%

Appearance and Odor: Clear colorless solution, no odor

SECTION IV FIRE / EXPLOSION HAZARD INFORMATION

Flash Point °C: NA

Fire Extinguisher: Use any medium suitable for extinguishing supporting fire

Fire Fighting Procedures: In the event of a fire, wear full protective clothing and HCSH approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

Hazards: Not considered to be a fire/explosion hazard.

DOT regulations may change from time to time. Please consult the current DOT regulations.
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Control of Health Hazards: When in doubt, use a physician or local Poison Control Center.

Emergency and First Aid Procedures

Sk.: Remove any contaminated clothing. Wash skin with plenty of water for at least 15 minutes. If irritation develops, get medical attention. Eyes: Wash eyes with plenty of water for at least 15 minutes. "Sift" lower and upper eyelids occasionally. Get medical attention immediately. Ingestion: Vomiting may occur spontaneously, but DO NOT INDUCE. Never give anything by mouth to an unconscious person. Get medical attention immediately. One milk of magnesia to help neutralize.

SECTION VI REACTIVITY INFORMATION

Stability: Unstable

Incompatibilities: Gases

Hazardous Decomposition Products: Sulfur Oxides

SECTION VII SPILL CLEANUP / DISPOSAL INFORMATION

Cleanup Method(s): Provide forced ventilation to dissipate fumes. Cleanup personnel should wear protective clothing and respiratory equipment suitable for toxic or corrosive fluids or vapors. Isolate or enclose the area of the spill or spill. Small Spills: Flush with water, and neutralize with alkaline material (soda ash, lime, etc.). Sewer: with excess water. Larger spills and hot sites: Neutralize with alkaline material, pick up with absorbent material (sand, earth, vermiculite).

Disposal Method(s): Enclosed in a HCSHA approved waste facility or sewer the neutralized slurry with excess water. If local ordinances allow.

SECTION VIII PERSONAL PROTECTION RECOMMENDATIONS

Respiratory Protection: Acid vapor

Ventilation: Local Exhaust

Protective Gloves: Neoprene (detergent)

Other Protective Equipment: Apron/Lab coat

Eye Protection: Goggles/Faceshield

SECTION IX ADDITIONAL INFORMATION

Store in a cool location.

Conditions Aggravated/Target Organs: Persons with skin disorders react susceptible.

Rev. No. 1 Date 4/11/97 Approved H. M. Carlson Safety Dir. RHR