

ABC CORPORATION

94-085 Leonui Street, Waipahu HI 96797; 808-671-2671

MATERIAL SAFETY DATA SHEET

For Emergency Call CHEMTREC 1-800-424-9300

Prepared 7/30/1996 – Rev 5/10/2000

SECTION 1 : IDENTIFICATION

<u>PRODUCT NAME</u>	<u>APPLICATION</u>	<u>SHIPPING HAZARD NO.</u>
5% Sulfuric Acid	Acid/Caustic Neutralizer	Sulfuric Acid Solution, Class 8, UN1830, PGII, Corrosive

Component Information

<u>Principal Hazard Components</u>	<u>CAS No.</u>	<u>WT (%)</u>	<u>PEL/TLV</u>
Sulfuric Acid	7664-93-9	5%	1mg/m3

SARA Title III Section 313 and 40 CFR Notification

This product is not subject to notification

SECTION 2: PHYSICAL DATA

Boiling Point (?F): 212	Appearance/Odor: Clear liquid, colorless, odorless
Vapor Pressure (mm Hg): NE	pH: 0
Vapor Density (Air = 1): NE	Specific Gravity (Water = 1): 1
Percent Volatile: 95	Solubility in Water: Complete
Evaporation Rate (Butylacetate = 1): NE	

SECTION 3: FIRE AND EXPLOSION HAZARD DATA

Flash Point (?F): NE	Lower Explosive Limit: NE
	Upper Explosive Limit: NE
Extinguishing Media: Material is non-combustible	
Special Fire Fighting Procedures: Self-contained breathing apparatus and full protective clothing should be worn in fighting fires involving chemicals.	
Unusual Fire and Explosion Hazards: None known	

NFPA Ratings	Special Hazard = none	Key:	
Health = 3		0= None	1= Mild
Flammability = 0		2= Moderate	3= High
Reactivity = 2		4= Extreme	

SECTION 4: REACTIVITY DATA

Stability: Stable

Incompatibility: Vigorous reactions with alkaline solutions; metals, metal powder; carbides; chlorates, fulminates; nitrates; picrates, strong oxidizing, reducing of combustible organic materials.

Hazardous Decomposition Products/Polymerization: Hazardous gases are evolved on contact with chemicals such as cyanides, sulfides and carbides. Polymerization will not occur.

Conditions to avoid: Keep out of sun and away from heat. Keep container tightly closed and closure up to prevent leakage. Loosen closure carefully.

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SECTION 5: HEALTH HAZARD DATA

Effects of overexposure:

Eyes: Eye contact will severely irritate, burn and damage eyes. May cause blindness.

Skin: Skin contact will irritate the skin. Prolonged contact will burn and damage the skin.

Inhalation: Prolonged inhalation will irritate respiratory tract. Will cause coughing, chest pain and breathing difficulty.

Ingestion: If ingested, will burn mouth and digestive tract. May cause abdominal pain, vomiting and collapse.

SECTION 6: FIRST AID

Eyes: Immediately flush with plenty of water for 15 minutes. Call a physician immediately..

Skin: Flush with plenty of water. If irritation persists, call a physician. Remove contaminated clothing and wash thoroughly before re-use..

Inhalation: Move subject to fresh air. Apply artificial respiration if necessary. Call a physician if symptoms persist.

Ingestion: If swallowed, do not induce vomiting; give large quantities of water. Call a physician immediately. Never give fluids to an unconscious person.

SECTION 7: SPECIAL PROTECTION INFORMATION

Respiratory Protection: Not required.

Protective Gloves: For prolonged contact wear rubber gloves.

Eye Protection: Where eye contact may be a problem, wear goggles.

SECTION 8: SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Handling and Storage: Use good personal hygiene practice. Avoid contact with eyes, skin, or clothing. Wash contaminated clothing and equipment before reuse.

Release or Spill: Before attempting clean up refer to Hazard Data above. Use mop or wet vacuum to collect material for proper disposal. Rinse area with water,

Waste Disposal: Disposal to conform to federal, state and local regulations.

The information on this data sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this data sheet or which involves the product in combination with any other process is the responsibility of the user.