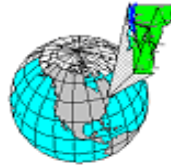


Material Safety Data Sheet
 May be used to comply with
 OSHA's Hazard Communication Standard,
 29 CFR 1910.1200. Standard must be
 consulted for specific requirements.



DS&M-SCIENTIFIC

Ken Stella

IDENTITY (As Used on Label and List)

SULFURIC ACID SOLNS.(5-93%): S30236(H)-10, S9669, S9649, S9601

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name DS&M-SCIENTIFIC			Emergency Telephone Number Chemtec: 1-800-424-9300	Emergency Telephone Number DS&M: 802-685-3229
Address 965 REED ROAD			Telephone Number for Information 412-826-5230	Telephone Number for Information FAX: 802-685-3229
City VERSHIRE	State VT	Zip 05079	Date Prepared 8-Feb-2010	Supercedes 19-Nov-1998
Country USA			Preparer's Signature <i>Ken Stella</i>	

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))				Other Limits	%
Chemical Name	Common Name(s)	CAS Number	OSHA PEL	ACGIH TLV	Recommended (optional)
Sulfuric Acid	SUR2 ACID SOLUTION	7664-93-9	1 mg/m3	1 mg/m3	
Water		7732-18-5	none	none	balance
CERCLA RATING(0-3)	HEALTH-3	FIRE-0	REACTIVITY-2	PERSISTENCE-0	
NFPA RATING(0-4)	HEALTH-3	FIRE-0	REACTIVITY-2		

Section III - Physical/Chemical Characteristics

Boiling Point like water	Units °C	Specific Gravity (H2O = 1) 1.035
Vapor Pressure (mm Hg.) like water		Melting Point like water
Vapor Density (AIR = 1) like water		Evaporation Rate (Butyl Acetate = 1) like water
Solubility in Water complete		Reactivity in Water Evolution of heat
Appearance Clear, colorless to light yellow		Odor odorless

Section IV - Fire and Explosion Hazard Data

Flash Point n/ap n/a	Units Method	Flammable Limits	LEL u/ap	UEL u/ap
Extinguishing Media Carbon dioxide, Dry chemical powder			Auto Ignition Temperature n/ap	Units n/a
Special Fire-Fighting Procedures Self-contained breathing apparatus with a full face piece operated in a pressure mode. Wear adequate personal protection to prevent contact with material or its combustion products.				
Unusual Fire and Explosion Hazards Not flammable but reactive with water and organics with evolution of heat.				

Section V - Reactivity Data

Stability	Unstable	--	Conditions to Avoid ----- ----- -----
	Stable	✓	

Incompatibility (Materials to Avoid)

Organic materials, carbides, chlorates, fulminates, nitrates, picrates, powdered metals and other combustibles. Attacks many metals.

Hazardous Decomposition or Byproducts

Hydrogen is generated by the action of the acid on most metals. Sulfur dioxides.

Hazardous Polymerization	May Occur	--	Conditions to Avoid ----- ----- -----
	Will not Occur	✓	

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? No	Skin? yes	Ingestion? LD50: rat 2140 mg/kg	Eyes? yes
Health Hazards	Acute Corrosive, oxidizing and sulfonating properties on contact.		Chronic May cause death. Corrosive to body tissue. Erosion of teeth. Lung damage.	
Carcinogenicity:	NTP? n/av	IARC Monographs? n/av	OSHA Regulated? n/av	

Reference
n/av

Signs and Symptoms of Exposure

SKIN: Defatting dermatitis. INHALATION: Pulmonary edema. Chronic bronchitis. INGESTION: May have adverse effects on kidney function.

Medical Conditions

Generally Aggravated by Exposure Causes severe burns. Symptoms similar to thermal burns. Inhalation of vapors causes severe irritation or burns of the respiratory system, pulmonary edema, or lung inflammation. Ingestion causes burns in mouth, pharynx and gastrointestinal tract. Nausea. Vomiting.

Emergency and First Aid Procedures

EYES: Wash eyes and skin with copious amounts of water for at least 15 minutes. Call a physician. SKIN: Wash skin with soap and water. Remove contaminated clothing. Call a physician. INHALATION: Remove patient to fresh air. Administer approved oxygen supply if breathing difficult. Administer artificial respiration or CPR if breathing has ceased. Call a physician. INGESTION: Keep patient warm and quiet. Give large quantity of water to dilute. Do not induce vomiting. Call a physician.

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled

Cover with soda ash or lime. Sweep up and place in container for disposal. Wash spillage site with soap and water. Wear respirator, chemical safety goggles, rubber boots and heavy rubber gloves.

Waste Disposal Method

According to applicable regulations. Cautiously add to a large stirred excess of water. Adjust the pH to neutral, separate any insoluble solids or liquids and package them for hazardous waste disposal. Flush the aqueous solution down the drain with plenty of water.

Precautions to Be Taken in Handling and Storing

Do not store in direct sunlight. Do not store near organic substances. Empty container may contain hazardous residue. Do not get in eyes, skin, clothing. Was.

Other Precautions

This product contains material(s) which is(are) subject to SARA Title III, Section 313 reporting requirements. CAN CAUSE SEVERE BURNS TO TISSUE ON CONTACT. OXIDIZING AGENT!

Section VIII - Control Measures

Respiratory Protection

If ventilation is inadequate to maintain vapor/dust below TLV, wear chemical cartridge respirator.

Ventilation	Local Exhaust n/ap	Special n/ap
	Mechanical (General) n/ap	Other Use adequate ventilation.

Protective Gloves

Neoprene or polyethylene; apron or clothing to protect skin.

Eye Protection

Safety goggles.

Other Protective Clothing or Equipment

Make eye bath/wash and emergency shower available.

Work/Hygiene Practices

Wash hands after use. Remove contaminated clothing at once. Use skin barrier cream. Keep away from food, drinks or animal feed.