BIC LSY

HC #62
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HealthLink
A Family of Medical Products

MSDS

Trichloracetic Acid (TCA) 5 - 100%

Section 1: Identification

Product Name: Trichloracetic Acid
Product Catalog No: 400550, 400551, 400552, 400553, 400554, 400555, 400557, 400558, 400559, 400560 400561, 400562, 400563, 400564, 400565 400566, 400567, 400568, 400569, 400572, 400573, 400577

Emergency Phone at Infotrac: (800) 535-5053
Date Prepared. 05/08/02

Section 2: Composition

Hazardous Component(s):	CAS Number	OSHA PEL, ACGIH TLV/STEL (PPM)		NFPA	
				Health	3
Trichloroacetic Acid 5 to 100%	108-95-2	1 ppm	1/NA	Flammability	0
Note: Vapors are very corrosive!				Reactivity	0

Section 3: Physical Data

Boiling Point:	~ 200 °F	*Specific Gravity (H_20 = 1):*	~1 to 1.6 (100%)
Vapor Pressure mm Hg/20°C:	1.3	*Percent Volatile by Vol:*	NE
Vapor Density (Air 1:1)	5.6	*Evaporation Rate (ether = 1):*	NE
Solubility in H20:	Complete	*Appearance & Odor:*	Clear liquid, phenolic odor (pungent)

Section 4: Fire and Explosion Hazard

Flash Point: NA *Flammable Limits:* LEL: NA UEL: NA

Extinguishing Media: Water spray, dry chemical, CO_2 and foam

Special Firefighting Procedures: Wear protective clothing with NIOSH approved breathing apparatus. Products of combustion may be harmful in a fire situation. Do not use direct water stream

Unusual Fire & Explosion Hazards: None known (10 to 100% concentrations are very corrosive)

Section 5: Reactivity

Stability: Stable *Material to Avoid:* Strong bases - acidic solutions can react with metals to liberate hydrogen gas

Hazardous Decomposition or Byproducts: Oxides of carbon, chloroform and hydrogen chloride

Hazardous Polymerization: Does not occur *Conditions to Avoid:* Excessive heat

Section 6: Health Hazards

NOTE: Solutions are very corrosive!

Routes of Entry: Inhalation, skin and ingestion *Acute:* Vapors may cause eyes, skin and respiratory irritation

Chronic: Repeated exposure may cause general deterioration of health by accumulation.

Carcinogenicity: Not classified as a human carcinogen

Signs/Symptoms of Exposure: Eyes, skin and respiratory irritation.

For Technical Service Call 800-638-2625

I-444356 C-400568 ORM-D
DGM I-444351 C-400550
I-476411 C-400566 ORM-D

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Section 6: Health Hazards cont'd
Emergency First Aid:

Skin: Remove contaminated clothing and wash affected area with soap and water.

Eyes: Thoroughly flush eyes with water. Contact a physician if irritation persists.

Ingestion: Rinse mouth with water, drink large quantities of water or milk provided person is conscious. Contact a physician immediately.

Inhalation: Remove person to fresh air. If not breathing, give artificial respiration and contact a physician.

Section 7: Safe Handling

Chemical Release or Spill: Wear respiratory protection. Ventilate area. Isolate the spill area with sand or other absorbent material. Neutralize with sodium bicarbonate. Place all contaminated material in closed container for proper disposal.

Waste Disposal Method: All liquid and/or contaminated material should be disposed of in DOT approved waste containers. Incineration for liquids is the suggested method of disposal. Comply with all Federal, State and Local regulations for disposal.

Precautions for Handling and Storage: Normal handling and storage for liquids. Avoid excess heat.

Section 8: Control Measures

Respiratory Protection: Not normally required. If used in a poorly ventilated area, use under an approved fume hood or NIOSH approved respirator.

Ventilation: Mechanical or general exhaust is sufficient.

Protective Gloves: Chemical resistant. *Eye Protection:* Safety glasses.

Other Protective Clothing or Equipment: Normal laboratory apparel suggested by Good Laboratory Practices.

Work/Hygienic Practices: Wash thoroughly with soap and water after handling.

The information listed here is believed to be correct and does not purport to be all-inclusive and shall be used only as a guide. HealthLink shall not be held liable for any damage resulting from handling or contact with this product.

HealthLink
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Jacksonville, FL 32224

For Technical Service Call 800-638-2625