FACTS Faxed FAST!SM

OSHA-Required Health And Safety Information!

This Material Safety Data Sheet (MSDS) was requested moments ago from Hercules Automated Fax Information System. Please forward it immediately to the person in charge of MSDS's, or retain it at the machine until claimed.

Section 1

MATERIAL SAFETY DATA SHEET # 17

Sizzle®

HERCULES® MATERIAL SAFETY INFORMATION SERVICE

Date Prepared: 1/31/1990 **Last Reviewed:** 10/10/2005

Meets OSHA 29 CFR 1910.1200

Hercules Chemical Company Inc.
111 South Street
Passaic NJ 07055
Phone (800) 221-9330
Fax (800) 333-3456

Section 2 - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s), CAS Numbers)	OSHA PEL	ACGIH TLV	Other Limits	Upper Bound Limit If SARA Reportable
This product is not for consumer use or sale. For professional use only. Replace cap after use.				
Hydrochloric Acid (7647-01-0)	5ppm (7mg/m³)	5ppm (7mg/m³)	N/A IDLH: 50 ppm	31%

HMIS Hazard Rating: Health: 3 Flammability: 0 Reactivity: 2 Personal Protection: H

Section 3 - Physical/Chemical Characteristics

Boiling Point (°F):	Specific Gravity (H2O = 1):	Vapor Density (Air = 1):	Vapor Pressur (mm Hg):
181	1.14 to 1.16	1.27	35

Melting Point (° F)	Evaporation Rate: (Butyl Acetate = 1)	Solubility in Water:
N/A	>1	Completely soluble

Appearance And Color: Light yellow liquid **Odor:** Pungent, acid odor

Section 4 - Fire And Explosion Hazard Data

Flash Point:	Flammable Limits	LEL:	UEL:
Not flammable	N/A		

Extinguishing Media: For fires in the area use water, foam, dry chemical or CO2.

Special Firefighting Procedures:
Neutralize with chemically alkaline substances, such as soda ash or slaked lime to avoid formation of potentially explosive hydrogen gas. . Cool the containers with water if exposed to fire. Wear full protective clothing.

Unusual Fire And Explosion Hazards:
Contact with common metals may produce flammable, potentially explosive hydrogen gas.

Continued on Next Page

Section 5 - Reactivity Data

Stability: Stable **Conditions To Avoid:** Do not store near or mix with strong alkalis such as sodium or potassium hydroxide.

Incompatability (Materials To Avoid): Corrosive to most metals with evolution of hydrogen gas. May react with cyanides, sulfides or formaldehyde releasing toxic gases.

Hazardous Decomposition: Hydrogen Chloride gas and Hydrogen

Hazardous Polymerization: Will not occur

Section 6 - Health Hazard Data

Routes of Entry **Inhalation** YES/Primary **Skin** Yes/Primary **Ingestion** Yes/Secondary

Health Hazards

Excessive contact can cause eye and skin burns. Ingestion causes severe burns to mouth, esophagus and stomach. Vapor extremely irritating.

Carcinogenicity **NTP** NO **IARC** NO **OSHA Regulated** NO

Signs And Symptoms of Exposure:

Irritation of eyes and skin. Inhalation of fumes may result in coughing and choking sensation.

Medical Conditions Generally Aggravated By Exposure:

INGESTION: Severe damage to internal organs (esophagus & pylorus) will occur if swallowed in large quantities. INHALATION: Fumes from product can cause injury to respiratory tract. Severe exposure can cause lung damage. SKIN CONTACT: Prolonged contact causes burns, skin irritation with discomfort and rash. EYE CONTACT: Will cause eye burn and irritation with discomfort, tearing or blurring of vision.

Emergency And First Aid Procedures:

INGESTION: Do not induce vomiting. If conscious, dilute by giving large quantities of water or milk. Do not give carbonates. Call a physician immediately. INHALATION: If excess fumes from the product are inhaled remove to fresh air. If not breathing give artificial respiration preferably mouth to mouth. If breathing is difficult give oxygen. Call a physician. SKIN CONTACT: Wash affected skin area with soapy water. Remove contaminated clothing. If burn/rash appears consult a physician immediately. EYE CONTACT: Immediately flush eyes with plenty of water for 15 minutes. Consult a physician immediately.

Continued on Next Page

Section 7 - Precautions For Safe Handling And Use:

Steps To Be Taken In Case Material Is Released Or Spilled:

Evacuate area; keep upwind until gas has dispersed. If necessary to enter spill area, wear self-contained breathing apparatus & full protective clothing including boots. Dike large spills, dilute and neutralize washing with Lime or Soda Ash. Comply with federal, state & local regulations.

Waste Disposal Method:

Flush thoroughly with water applied to entire spill. Large spill: Washing should be neutralized with lime/soda ash before discharging to sewer.

Precautions To Be Taken In Handling And Storing:

Keep container tightly closed, away from heat, sparks & flame. Keep in cool place. Do not mix cyanides, sulfides or formaldehydes. Protect containers from damage.

Other Precautions:

Store container out of sun and away from heat. Never use pressure to empty containers.

Section 8 - Control Measures:

Respiratory Protection:

Self-contained breathing apparatus or mask with canister for HCL fumes.

Ventilation: **Local Exhaust** Maintain adequate ventilation. **Special** N/A
Mechanical N/A **Other:** N/A

Gloves: Long rubber or plastic gloves.

Eye Protection: Chemical safety goggles and face shield.

Other Protective Clothing: Rubber apron, rubber boots, long sleeve shirts.

Work/Hygienic Practices: Wash after use. Wash contacted clothing before re-use.

Additional Information: