

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 # 203 Drain Snake

Date Prepared: 11/17/1999 Last Reviewed: 10/10/2005

Meets OSHA 29 CFR 1910.1200



**MATERIAL
SAFETY
INFORMATION
SERVICE**

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. Always replace cap after use.

Sulfuric Acid (Concentrated) (CAS 7664-93-9)		1mg/m ³ (mist)	N/A	93%
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HMIS Hazard Rating: Health: 3 Flammability: 0 Reactivity: 2 Personal Protection: H

Section 3 - Physical/Chemical Characteristics

Boiling Point (°C):	Specific Gravity (H ₂ O =1):	Vapor Density (Air =1):	Vapor Pressure (mm Hg):
279 (535° F)	1.84	N/A	<1
Melting Point (° F):	Evaporation Rate:	Solubility in Water:	
N/A	N/A	Completely soluble	
Appearance And Color:	Brown oily liquid	Odor:	Slight sulfur dioxide (rotten egg)

Section 4 - Fire And Explosion Hazard Data

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

Extinguishing Media: For fires in the area, use approved extinguishing media such as water, CO² or dry chemical. Use water spray or fog to knock down corrosive vapor cloud.

Special Firefighting Procedures:

Product is non-flammable, but high temperature of surrounding fire may generate corrosive and toxic sulfur trioxide gases. Use NIOSH/OSHA approved self contained breathing apparatus and full protective clothing. Cool containers that are exposed to flames with streams of water until fire is out. Caution: water applied directly to product results in evolution of heat and causes spattering. When heated, product will emit highly toxic fumes.

Unusual Fire And Explosion Hazards:

Product may react violently with water creating heat and steam and dangerous spattering. Contact with some materials will release hydrogen gas, creating additional potential fire and explosion hazard.

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Section 7 - Precautions For Safe Handling And Use:**Steps To Be Taken In Case Material Is Released Or Spilled:**

SMALL SPILLS: Do not allow any contact with acid, mist, or vapors. Dilute spill with copious amounts of water, if practical and safe flush to sewer. Neutralize remaining mat'l with baking soda. If flushing to sewer is not safe, contain diluted spill with any inert absorbent then neutralize with baking soda (sodium bicarbonate). FOR LARGER SPILLS: Use NIOSH/OSHA respirator and full protective clothing. No skin surface should be exposed. Notify fire/health authorities. Neutralize with lime or soda ash. If applicable due to runoff, notify pollution authorities.

Waste Disposal Method:

Materials resulting from cleanup may be hazardous. Package, store, transport and dispose of in accordance with appropriate Federal, State and Local regulations. Be sure that all responsible agencies are informed of disposal.

Precautions To Be Taken In Handling And Storing:

Handle with extreme care. Store containers upright during transportation, storage and handling. Have applicable first aid equipment and running water available. NEVER add cold water to product in container. Do not use or mix with any other chemical -- a violent eruption of hot corrosive acid can occur. Store in upright position at floor level only

Other Precautions:

Store in cool dry place. Keep separate from alkalis, metal explosives and easily ignitable material.

Section 8 - Control Measures:**Respiratory Protection:**

NIOSH/OSHA Respirator where applicable

Ventilation: Local Exhaust? Use only in well ventilated areas.

Mechanical: See local exhaust

Special? Acid-resistant gloves, apron,

Other: N/A

Gloves: Acid resistant

Eye Protection: Chemical Safety Goggles. Have eye bath available.

Other Protective Clothing: Acid Resistant

Work/Hygienic Practices: Safety Shower



FACTS
Faxed
FAST!

For Hercules Material Safety Data Sheets by fax anytime, day or night, just call 1-800-942-INFO (1-800-942-4636) from any Touch-Tone phone. Have your fax number ready. Checking the product label for the correct MSDS # will save time.