

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 # 97**
Hercules Liquid Glug™ Drain Opener
(for Bathroom)**Date Prepared:** 4/1/1998 **Last Reviewed:** 4/18/2006

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
Potassium Hydroxide (1310-58-3)	2mg/M ³ (dust)	2mg/M ³ (dust)	N/A	N/A
Sodium Hypochlorite (7681-52-9)	--	--	--	--

HMIS Hazard Rating: Health: 2 Flammability: 0 Reactivity: 2 Personal Protection: B**Section 3 - Physical/Chemical Characteristics**

Boiling Point (°F):	Specific Gravity (H₂O = 1):	Vapor Density (Air = 1):	Vapor Pressur (mm Hg):
212°	1.10 to 1.15	N/A	N/A
Melting Point (° F)	Evaporation Rate: (Butyl Acetate = 1)	Solubility in Water:	
N/A	N/A	100%	
Appearance And Color:	Colorless (water-like) to yellow liquid		Odor: Chlorine-like

Section 4 - Fire And Explosion Hazard Data

Flash Point:	Flammable Limits	LEL:	UEL:
N/A	N/A	--	--

Extinguishing Media: As appropriate for surrounding fire.**Special Firefighting Procedures:**

Nonflammable. Does not burn or support combustion

Unusual Fire And Explosion Hazards:

May react with aluminum generating hydrogen which is flammable and/or explosive if ignited.

Continued on Next Page

Section 5 - Reactivity Data

Stability: Stable

Conditions To Avoid: None

Incompatability (Materials To Avoid): Do not mix with other household cleaners or aluminum.

Hazardous Decomposition: Hydrogen chloride, chlorine or hydrogen gas is possible if mixed with certain other drain/toilet bowl cleaners.

Hazardous Polymerization: Will Not Occur

Section 6 - Health Hazard Data

Routes of Entry	Inhalation	Yes/Primary	Skin	Yes/Primary	Ingestion	Yes/Secondary
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Health Hazards

Contact with skin, eyes, or mucous membranes causes burns.

Carcinogenicity	NTP	NO	IARC	NO	OSHA Regulated	NO
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Signs And Symptoms of Exposure:

Excessive inhalation of vapors can cause mouth and throat irritation.

Medical Conditions Generally Aggravated By Exposure:

None known.

Emergency And First Aid Procedures:

EYE CONTACT: Immediately flush eyes with plenty of water for 15 minutes. SKIN: Remove contaminated clothing and shoes. Flush skin thoroughly with water. INGESTION: Do not induce vomiting. Get medical attention. Rinse the mouth thoroughly with cold water. Never give anything by mouth to an unconscious or convulsing person.

Continued on Next Page

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

Small spill may be washed down drain. For large spill, first contain spill and dilute with water. Neutralize with dilute acid before flushing to a drain.

Waste Disposal Method:

Flush into sewer. If large quantities of liquid are involved pH adjustment may be required. Consult and conform to Federal, State, and local regulations.

Precautions To Be Taken In Handling And Storing:

Store in cool, dry place. Keep separate from acids.

Other Precautions:

None

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

In confined spaces or other circumstances where adequate ventilation cannot be assured use NIOSH-approved respirator, positive pressure airline mask, or self contained breathing apparatus.

Ventilation: Local Exhaust Adequate

Special None required

Mechanical N/A

Other: N/A

Gloves: Rubber gloves if necessary.

Eye Protection: Safety glasses or goggles.

Other Protective Clothing: None normally required.

Work/Hygienic Practice: Wash thoroughly after handling.

Additional Information:

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.