

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 # 113 Break-thru Sewer & Septic Main Line Cleaner

**MATERIAL
SAFETY
INFORMATION
SERVICE**

Date Prepared: 7/7/2004 Last Reviewed: 11/12/2004

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 classified as hazardous in accordance with OSHA 1910.1200

HMIS Hazard Rating: Health: 1 Flammability: 0 Reactivity: 0 Personal Protection: A

Section 3 - Physical/Chemical Characteristics

Boiling Point (°F):	Specific Gravity (H ₂ O = 1):	Vapor Density (Air = 1):	Vapor Pressure (mm Hg):
212° F	1.0	Same as water	Same as water
Melting Point (° F)	Evaporation Rate: (Butyl Acetate = 1)	Solubility in Water:	
32° F	Same as water	Completely	
Appearance And Color:	Dark blue liquid	Odor:	Spice

Section 4 - Fire And Explosion Hazard Data

Flash Point:	Flammable Limits	LEL:	UEL:
N/A	Does not burn.	N/A	N/A

Extinguishing Media: Does not burn.

Special Firefighting Procedures:

As appropriate for surrounding fire.

Unusual Fire And Explosion Hazards:

None

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Section 5 - Reactivity Data

Stability: Stable **Conditions To Avoid:** Contact with strong acids, caustics, bleach and high heat may neutralize product bioactivity.
Incompatibility (Materials To Avoid) None.
Hazardous Decomposition: None.

Hazardous Polymerization: Will Not Occur

Section 6 - Health Hazard Data

Routes of Entry **Inhalation** Yes **Skin** Yes **Ingestion** Yes

Health Hazards

Chronic N/A, Acute: Slight eye and skin irritation. Organisms used are non-pathogenic, but can cause infection when in contact with open wounds. These organisms are susceptible to many commonly used antibiotics and oxidizing agents, such as bleach.

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

Signs And Symptoms of Exposure:

Eye Contact: May cause irritation. Although bacterial cultures in this product are non-pathogenic, contact with open wounds should be avoided.

Skin Contact: Prolonged contact may cause irritation.

Ingestion: Relatively non-toxic.

Inhalation: None known, but over exposure to vapors should be avoided.

Medical Conditions Generally Aggravated By Exposure:

None known

Emergency And First Aid Procedures:

Eyes Contact: Flush with water for 15-20 minutes. Seek medical attention if irritation persists.

Skin: Wash with soap and water. Launder contaminated clothes before reuse.

Inhaled: Move to fresh air. Seek medical attention if breathing becomes difficult.

Ingestion: Drink water or milk to dilute.

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

For small spills flush down a waste drain line if possible or use absorbent material, sweep and dispose to sanitary waste. Large spills, contain and collect for disposal. Flush residue to waste water drain.

Waste Disposal Method:

Dispose of product in accordance with all Federal, State and local requirements.

Precautions To Be Taken In Handling And Storing:

Avoid excessive inhalation of mist or spray. Prevent contact with eyes. Wash hands after handling. Avoid contact with food. Store at room temp. or cooler. Keep from freezing.

Other Precautions:

None

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

None

Ventilation: Local Exhaust None

Mechanical None

Special None

Other: N/A

Gloves: Use Rubber Gloves if handling large quantities.

Eye Protection: Safety glasses or splash goggles if splashing is present.

Other Protective

Clothing: None

Work/Hygienic Practice: Use good personal hygiene practices.



FACTS
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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.