

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 # 111

*Break-thru Sluggish Drain Flow
Improver/Opener*

Date Prepared: 7/7/2004

Last Reviewed: 11/12/2004

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 classified as hazardous in accordance with OSHA 1910.1200

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

Section 3 - Physical/Chemical Characteristics

Boiling Point (°F):	Specific Gravity (H ₂ O = 1):	Vapor Density (Air = 1):	Vapor Pressur (mm Hg):
N/A	0.43-0.45	N/A	N/A
Melting Point (° F)	Evaporation Rate: (Butyl Acetate = 1)	Solubility in Water:	
N/A	N/A	Slightly	
Appearance And Color:	Beige powder.	Odor:	"Proteinaceous" odor

Section 4 - Fire And Explosion Hazard Data

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

Extinguishing Media: Any extinguishing medium, including water and carbon dioxide.

Special Firefighting Procedures:

Use SCBA with full face piece as fumes may be present.

Unusual Fire And Explosion Hazards:

Product contains organic ingredients that emit toxic fumes upon thermal decomposition.

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Section 5 - Reactivity Data

Stability: Stable **Conditions To Avoid:** Strong oxidizing agents, hot water over 140F, caustic drain cleaners, acids, bleach drain cleaners will destroy effectiveness.

Incompatibility (Materials To Avoid) Strong oxidizers and hot water.

Hazardous Decomposition: None

Hazardous Polymerization: Will Not Occur

Section 6 - Health Hazard Data

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

Health Hazards

Could cause minor 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: Immediate irritant

Ingestion: May cause mouth, throat irritation

Inhalation: Avoid breathing dust, may cause irritation to respiratory tract.

Medical Conditions Generally Aggravated By Exposure:

Repeated dust inhalation may cause breathing difficulties to persons with pre-existing asthmatic condition.

Emergency And First Aid Procedures:

EYES: Immediately flush eyes with water for at least 15-20 minutes. Hold eyelids apart while flushing to ensure irrigation of entire area. Get medical attention if irritation persists.

SKIN: Wash with plenty of soap and water. Launder clothing before re-use.

INHALATION: Remove to fresh air. If breathing has stopped restore with artificial respiration. Get immediate medical attention

INGESTION: Rinse mouth with large quantities of water

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

Sweep or shovel up, avoiding dusting conditions. Use good ventilation. Place collected material in any empty container, for disposal. Flush residue with water down the drain.

Waste Disposal Method:

If permitted dispose of in approved solid waste landfill or dissolve in water and flush to sewer.

Precautions To Be Taken In Handling And Storing:

None

Other Precautions:

None

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

NIOSH/OSHA dust mask

Ventilation: Local Exhaust Yes

Mechanical None

Special None

Other: N/A

Gloves: Yes

Eye Protection: Safety glasses or goggles.

Other Protective

Clothing: N/A

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.