

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 # 114
Break-thru Dual Action Emergency Drain Opener



MATERIAL SAFETY INFORMATION SERVICE

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

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

Meets OSHA 29 CFR 1910.1200

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
Sodium Percarbonate (CAS 15630-89-4)	N/A	N/A	N/A	
Sodium Carbonate (CAS 497-19-8)	N/A	N/A	N/A	
Sodium Hydroxide (CAS 1310-73-2)	2 mg/m3	2 mg/m3	N/A	
Aluminum Flakes or Chip (CAS 7429-90-5)	N/A	10 mg/m3	N/A	

HMIS Hazard Rating: Health:2 Flammability: 0 Reactivity: 2 Personal Protection: E

Section 3 - Physical/Chemical Characteristics

Boiling Point (°F):	Specific Gravity (H2O = 1):	Vapor Density (Air = 1):	Vapor Pressure (mm Hg):
N/A	1.5	N/A	N/A
Melting Point (° F)	Evaporation Rate: (Butyl Acetate = 1)	Solubility in Water:	
N/A	Lower than Butyl Acetate	Soluble	
Appearance And Color:	Tan and white with black particles		Odor: Odorless

Section 4 - Fire And Explosion Hazard Data

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

Extinguishing Media: CO2, Foam, Water Fog.

Special Firefighting Procedures:
 As appropriate for surrounding fire.

Unusual Fire And Explosion Hazards:
 Product is a source of oxygen.

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Section 5 - Reactivity Data

Stability: Stable **Conditions To Avoid:** Avoid moisture, elevated temperatures, acids and reducing agents.

Incompatibility (Materials To Avoid) Avoid contact with moisture and acids. Once Dual Action is added to drain DO NOT add any other drain cleaning chemicals to the drain. If the drain contains acids, bleaches or caustic chemicals do not add Dual Action to the drain.

Hazardous Decomposition: None

Hazardous Polymerization: Will Not Occur under normal storage conditions

Section 6 - Health Hazard Data

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

Health Hazards

Causes skin and eye irritation. Organisms used are non-pathogenic, but can cause infection when is 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 result in severe eye damage

Skin Contact: Irritating to the skin

Inhalation: May cause Irritation to the respiratory tract

Ingestion: May cause severe irritation to mouth and esophagus.

Medical Conditions Generally Aggravated By Exposure:

None known

Emergency And First Aid Procedures:

Eyes Contact: Flush with water for 15-20 minutes. Holding eyelids apart, irrigate thoroughly the entire surface of the eye and lids. Seek immediate medical attention.

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

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

Ingestion: Do not induce vomiting. If victim is fully conscious, rinse and administer water. Do not give anything by mouth to unconscious victim. Call for medical assistance.

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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 sweep material into a container and flush down a waste drain line.

For large spills, contain the spill and collect into containers for proper disposal. Wash the area with water

Waste Disposal Method:

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

Precautions To Be Taken In Handling And Storing:

Prevent contact with eyes. Wash hands after handling. Avoid contact with food.

Store in a cool, dry area. Store separate from organic and reducing materials.

Other Precautions:

Avoid contamination

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

Use NIOSH approved dust mask where dust is present and local ventilation is inadequate.

Ventilation: Local Exhaust Yes

Special None

Mechanical None

Other: N/A

Gloves: Rubber gloves when handling large quantities.

Eye Protection: Safety glasses.

Other Protective

Clothing: None

Work/Hygienic Practice: Use good personal hygiene practices.

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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.