

# 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*

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

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  
(H<sub>2</sub>O = 1):

Vapor Density  
(Air = 1):

Vapor Pressur  
(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: CO<sub>2</sub>, 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.

**FACTS**  
axed  
AST!

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.