

# 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 # 210**

**Cloroben**  *PT Bio1*



**MATERIAL SAFETY INFORMATION SERVICE**

**Date Prepared:** 11/17/1999    **Last Reviewed:** 1/18/2012

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
Water based cleaner containing biodegradable surfactants and microbial spores.				
Alcohol ethoxylate (CAS 68439-46-3)	N/A	N/A		N/A
Alkanolamide (CAS 61791-31-9)	N/A	N/A		N/A

**HMIS Hazard Rating:** Health: 1 Flammability: 0 Reactivity: 0 Personal Protection: B

## Section 3 - Physical/Chemical Characteristics

<b>Boiling Point (°F):</b>	<b>Specific Gravity</b>	<b>Vapor Density</b>	<b>Vapor Pressure</b>
212° F	1.0	Same as water	Same as water
<b>Melting Point (° F)</b>	<b>Evaporation Rate:</b> (Butyl Acetate = 1)	<b>Solubility in Water:</b>	
32° F	Same as water	Completely	
<b>Appearance And Color:</b>	White to off white opaque liquid.		<b>Odor:</b> Spice

## Section 4 - Fire And Explosion Hazard Data

<b>Flash Point</b>	<b>Flammable Limit</b>	<b>LEL:</b>	<b>UEL:</b>
N/A	Does not burn	N/A	N/A

**Extinguishing Media:** Does not burn or support combustion.

**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:** None.

**(Materials To Avoid):**

**Hazardous Decomposition:** None.

**Hazardous Polymerization:** Will Not Occur

**Section 6 - Health Hazard Data**

<b>Routes of Entr</b>	<b>Inhalation</b> Slight	<b>Skin</b> Slight	<b>Ingestion</b> Slight
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**Health Hazard**

**Eye Contact:** May cause irritation. The bacterial cultures in this product are nonpathogenic. However, their contact with an open wound may cause infection. These microorganisms are susceptible to common antibiotics. **Skin Contact:** Prolonged contact may cause irritation. In individuals with a history of dermal allergies, contact may cause slight redness. Dermatitis and skin sensitization can develop after repeated or prolonged exposure. **Ingestion:** Ingestion may cause minor alimentary distress. Irritation of the mouth, pharynx, esophagus and stomach can develop following ingestion. **Inhalation:** None known, but inhalation of mist or aerosols may produce an allergic reaction in hypersensitive individuals.

**Carcinogenicit**    **NTP** NO            **IARC** NO            **OSHA Regulated** NO

**Signs And Symptoms of Exposure:**

Primarily irritation of any tissue with prolonged or repeated contact. See Health Hazards section.

**Medical Conditions Generally Aggravated By Exposure:**

Asthma, dermatitis and allergic reaction in sensitive individuals.

**Emergency And First Aid Procedures:**

**Eyes:** Flush with water. Seek medical attention if irritation persists. **Skin:** Wash with soap and water. Apply moisturizing cream if necessary. Launder contaminated clothes before reuse. **Inhaled:** Move to fresh air. Seek medical attention if breathing becomes difficult. **Ingestion:** Drink water or milk to dilute. Call poison control center. Induce vomiting only if advised by physician. Get medical attention.

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**Section 7 - Precautions For Safe Handling And Use:**

**Steps To Be Taken In Case Material Is Released Or Spilled:**

Stop leak. Wear protective gear to prevent eye contact.. Spills less than 10 gallons, flush down a waste water drain if possible or use absorbent, sweep up and dispose to sanitary waste. Large spills, greater than 10 gallons, 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. RCRA and CERCLA, not regulated.

**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  
Mechanic None

Special None  
Other N/A

Gloves Water resistant if handling large quantities.

Eye Protection: Splash goggles if splashing is present.

Other Protective Clothing: None

Work/Hygienic Practice Use good personal hygiene practices.

**Additional Information:**

DOT B/L Description: Cleaning Compound, liquid, NOI

DOT Hazard Class Information: None

NJ Right-To-Know Labeling Information:

None



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.