

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 # 212
CloroClean



MATERIAL SAFETY INFORMATION SERVICE

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 Passaic NJ 07055
 Phone (800) 221-9330
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Date Prepared: 11/17/1999 Last Reviewed: 12/2/1999

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
Granular caustic and metal cleaning compound.				
Sodium hydroxide (CAS 1310-73-2)	2mg/M ³	2mg/M ³		N/A

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

Section 3 - Physical/Chemical Characteristics

Boiling Point (°C):	Specific Gravity (H ₂ O = 1):	Vapor Density (Air = 1):	Vapor Pressure (mm Hg):
NA	1.20	N/A	N/A
Melting Point (° F)	Evaporation Rate: (Butyl Acetate = 1)	Solubility in Water:	
Not determ	N/A	Appreciable: 42g/100cc of water at 0° C.	
Appearance And Color:	White to off white granular solid w/gray granules.	Odor:	None.

Section 4 - Fire And Explosion Hazard Data

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

Extinguishing Media: Product is non-flammable. Use appropriated fire fighting methods for surrounding fire.

Special Firefighting Procedures:

As appropriate for surrounding fire. Carbon dioxide or dry chemical extinguishers preferred if container are open and product is exposed. See Unusual Hazards.

Unusual Fire And Explosion Hazards:

Hot or molten product will react violently with water, liberating heat and causing splashing. Contact with water can rapidly generate flammable/explosive hydrogen gas.

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

Get complete protective equipment. Shovel spilled material into steel containers, flush area with ample water, rinse with dilute acid, preferably acetic acid, and finally with water.

Waste Disposal Method:

Dissolve and/or flush to holding area for pH adjustment and dilute before discharging to sewer or stream. For large quantities follow state/local regulations.

Precautions To Be Taken In Handling And Storing:

Store in a cool, dry place. Keep separate from acids. Do not allow water to enter container, heat and flammable hydrogen gas will evolve. Contact with some foods will release carbon monoxide gas.

Other Precautions:

Wear complete protective equipment when handling product in large quantities.

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

Filter or dust type respirator.

Ventilation: Local Exhaust None
Mechanical

Special

Gloves: Neoprene or vinyl.

Other: N/A

Eye Protection: Chemical safety goggles plus face shield when

Other Protective
Clothing:

Work/Hygienic Practices 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.