

Donna
9/18

SAFETY DATA SHEET

Per 20 CFR 1910.1200 revised 2012

SECTION I - IDENTIFICATION

IDENTITY (As listed on label):

Mean Green Mildew Destroyer

Recommended use: Commercial and residential mildew and mildew stain remover

CR Brands 8790 Beckett Rd. West Chester, OH 45069 phone (513) 860-5039

24 HOUR EMERGENCY NUMBER
1-800-222-1222

SECTION II - HAZARDS IDENTIFICATION

This product is not classified as a hazardous material per 29 CFR 1910.1200

SECTION III - Composition/Information on Ingredients

Hazardous components (Specific Chemical Identity: Common Name(s))	CAS#	OSHA PEL	ACGIH TLV-TWA	OTHER LIMITS RECOMMENDED	PERCENT
Sodium hydroxide	1310-73-2	2 mg/m3	2 mg/m3		<1
Other components:					
Sodium hypochlorite Carcinogenicity: None	7681-52-9			STEL 2 mg/m3	3

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SECTION IV - FIRST AID MEASURES

Emergency Overview: Remove victim from exposure to product

Route(s) of Entry: Ingestion? Yes Skin? Yes Inhalation? Yes Eyes? Yes

Signs and Symptoms of Exposure: Redness and/or irritation of eyes or skin, burns to respiratory and/or gastrointestinal tracts.

Health Hazards (Acute and Chronic): May cause skin irritation. Prolonged exposure may cause destruction of the dermis leading to impaired skin regeneration at site of contact. Eye irritation can occur causing impairment of vision. Misted product is irritating to the nose, mouth, throat, and lungs. It may also cause burns to respiratory tract with the production of lung edema which can result in shortness of breath, wheezing, choking, and impairment of lung function. In high concentrations, can result in permanent lung damage. Irritation and/or burns of the entire gastrointestinal tract may occur due to product ingestion, including stomach and intestines. Symptoms can be characterized by nausea, vomiting, diarrhea, abdominal pain, and bleeding.

Medical Conditions Generally Aggravated by Exposure: Existing dermatitis

Eye Contact: Immediately flush with plenty of water for at least 15 minutes while holding eyelids apart. Get medical attention.
Inhalation: Remove to fresh air. If breathing is difficult, get medical attention.
Skin Contact: Immediately flush with plenty of water for at least 15 minutes. Call a physician if irritation occurs. If clothing comes in contact with product, it should be removed immediately and cleaned before reuse.
Ingestion: Immediately give a glassful of water. Do not induce vomiting. Do not give anything by mouth if the person is unconscious or having convulsions. Call a physician at once.
Note to Physician: None

SECTION V - FIRE FIGHTING MEASURES

Flash Point: None

Extinguishing Media: Use media appropriate for surrounding materials.

Special Fire Fighting Procedures: Use water to cool containers exposed to fire.

Unusual Fire and Explosion Hazards: Heat will increase decomposition of the product into chlorine gas which is an oxidizer and will support combustion.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Steps to be Taken in Case Material is Released or Spilled: Flush with plenty of water to sewer system or absorb with an absorbent. For large spills, neutralization of flush water may be necessary using sodium thiosulfate, sodium sulfite, or hydrogen peroxide.

Personal Precautions: Avoid prolonged exposure.

Environmental Precautions: Ventilate area well.

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SECTION VII - HANDLING AND STORAGE

Precautions to be Taken in Handling and Storing:

Store in a cool, dry place.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTIONS

Respiratory Protection (Specify Types):

As conditions require, use NIOSH approved respirator for mists and/or chlorine.

Ventilation:

General or local exhaust to control any mists or aerosols if present.

Personal Protective Equipment (PPE):

Protective Gloves: Neoprene or PVC.

Eye Protection: Safety glasses recommended for handling spills.

Other Protective Clothing or Equipment: Apron recommended when handling large spills.

SECTION IX - PHYSICAL/CHEMICAL CHARACTERISTICS

Appearance and Odor: Yellow green liquid

Upper/lower flammability or explosive limits; not determined

Odor; chlorine (bleach)

Vapor Pressure (mmHG): > 760

Vapor density; not determined

pH 12

Relative density (water =1.000) 1.001 *glee*

Melting point /freezing point; < 0 deg. C

Solubility in Water: 100%

Boiling Point: Approx. 100° C

Flash Point; none

Evaporation rate; not determined

Flammability; none

Upper/Lower flammability or explosive limits; none

Vapor pressure; 760 mm Hg

Vapor density; not determined

Relative density (vapor); not determined

Solubility (vapor); 100% in water

Partition coefficient: n-octanol/water; not determined

Auto-ignition temperature; none

Decomposition temperature; >55deg. C

Viscosity; 3 cps

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SECTION X - STABILITY AND REACTIVITY

Reactivity: Sodium hypochlorite is an oxidizer.

Stability: Unstable Stable X

Conditions to Avoid: Product decomposes with age. Do not expose to temperatures in excess of 100 degrees F. These conditions will increase the decomposition rate.

Incompatibility (Materials to Avoid): Acids, other organic materials, nitrogen containing compounds (including ammonia), oxidizers, metals.

Hazardous Decomposition or Byproducts: Chlorine gas.

Hazardous Polymerization: May Occur May Not Occur X

Conditions to Avoid: None known

SECTION XI - TOXICOLOGICAL INFORMATION

Emergency Overview: Remove victim from exposure to product

Route(s) of Entry: Ingestion? Yes Skin? Yes Inhalation? Yes Eyes? Yes

Signs and Symptoms of Exposure: Redness and/or irritation of eyes or skin, burns to respiratory and/or gastrointestinal tracts.

Health Hazards (Acute and Chronic): May cause skin irritation. Prolonged exposure may cause destruction of the dermis leading to impaired skin regeneration at site of contact. Eye irritation can occur causing impairment of vision. Misted product is irritating to the nose, mouth, throat, and lungs. It may also cause burns to respiratory tract with the production of lung edema which can result in shortness of breath, wheezing, choking, and impairment of lung function. In high concentrations, can result in permanent lung damage. Irritation and/or burns of the entire gastrointestinal tract may occur due to product ingestion, including stomach and intestines. Symptoms can be characterized by nausea, vomiting, diarrhea, abdominal pain, and bleeding.

Medical Conditions Generally Aggravated by Exposure: Existing dermatitis

No definitive information is available on carcinogenicity, mutagenicity, target organs or developmental toxicity. Not listed in NTP, IARC or OSHA as a carcinogen.

SECTION XII - ECOLOGICAL INFORMATION

No specific ecological data are available for this product. Please refer to Section VI for information regarding accidental releases and Section XV for regulatory reporting information.

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method: Disposal of this product must be in accordance with local, state and federal regulations.

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SECTION XIV - TRANSPORT INFORMATION

Not Regulated: Regulated:

Proper Shipping Name:

N/A

Hazard Class: N/A

UN Number:

Packing Group:

Label:

ICAO: Refer to current IATA/ICAO Dangerous Goods Regulations for detailed instructions when shipping the product by air.

SECTION XV - REGULATORY INFORMATION

USA FEDERAL REGULATIONS:

TSCA: The components of this product are listed on the EPA/TSCA inventory of chemical substances.

SARA: EHS: None
SECTION 313: No
313 CATEGORY: None
311/312 CATEGORIES: A-1,8%

CERCLA RQ:	<u>Chemical</u>	<u>CAS No.</u>	<u>RQ</u>	<u>Percent in Product</u>
	Sodium hypochlorite	7681-52-9	100#	3

RCRA: If discarded in its purchased form this product would not be a RCRA hazardous waste either by listing or by characteristics. However, it is the responsibility of the product user to determine at the time of disposal whether a material containing the product or derived from the product should be classified as a hazardous waste.

INTERNATIONAL REGULATIONS:

CANADA: This MSDS has been prepared to meet WHMIS requirements, except for the use of 16 headings.

SECTION XVI - OTHER INFORMATION

PREPARED DATE: 21 October 2014
SUPERCEDES DATE: all previously dated documents.

NAME OF PREPARER: Skip Hoffman

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