

Safety Data Sheet

Revision date: 11/4/16

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<u>Product Code: MDR-310, MDR-311</u>	
<u>Product Name: Mold Away</u>	
Manufacturer's Name: MARINE DEVELOPMENT & RESEARCH	Emergency Telephone Number: 352-323-2500
Address (Number, Street, City, State, ZIP) 515 EAST 41 ST ST	Telephone Number for Information: 973-754-7000
PATERSON, NJ 07504	Date Prepared: 11/4/16
Signature of Preparer (optional):	

SECTION 2: HAZARDS IDENTIFICATION

Physical hazards	Not classified	
Health hazards	Skin corrosion	Category 1
	Serious eye damage/eye irritation	Category 1
Environmental hazards	Hazardous to the aquatic life, acute hazard	Category 1
	Hazardous to the aquatic environment, long-term hazard	Category 1
OSHA defined hazards	Combustible dust	Not applicable
	Pyrophoric gas	Not applicable
	Simple asphyxiant	Not applicable

Label elements



Signal word	Danger
Hazard statement	Causes severe skin burns and eye damage. Causes serious eye damage. Very toxic to aquatic life. Very toxic to aquatic life with long lasting effects.
Precautionary statement	
Prevention	Do not breathe mist or vapor. Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.
Response	If swallowed: Rinse mouth. DO NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If inhaled: Remove person to fresh air and keep comfortable for breathing. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if

	present and easy to do. Continue rinsing. Specific treatment (see this label). Wash contaminated clothing before reuse. Collect spillage
Storage	Store locked up
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations
Hazard(s) not otherwise classified (HNOC)	None known
Supplemental information	None.

- SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

Component	CAS Registry #	% w/w	ACGIH TLV	OSHA PEL
Sodium Hypochlorite Solution	007681-52-9	5-10 %	1ppm	1ppm
Sodium Hydroxide	1310-73-2	1-5%	2ppm	2ppm

SECTION 4: FIRST-AID MEASURES

General Advice: Remove contaminated clothing.

If Inhaled: If difficulties occur after vapor/ aerosol has been inhaled, remove to fresh air and seek medical attention.

If on Skin: Wash thoroughly with soap and water. If irritation develops, seek medical attention.

If in Eyes: Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek medical attention.

If Swallowed: Rinse mouth and then drink plenty of water. DO NOT induce vomiting. Immediate medical attention required.

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SECTION 5: FIRE FIGHTING MEASURES

Flammable Properties:

Flash Point: NTB

Method Used: TCC

Flammable Limits:

LFL: N/A

UFL: N/A

Extinguishing Media: Water fog, foam, Carbon dioxide, dry chemical**Fire & Explosion Hazards:** Containers can rupture and explode under fire conditions due to pressure and vapor buildup.**Fire Fighting Instructions:** Self contained breathing apparatus. Use water to cool fire exposed containers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective clothing. Keep people away and stay on the upwind side.**Environmental Precautions:** Do not discharge into drains/ surface waters/ groundwater.**Absorb on fire retardant material. Dispose of in accordance to Local, State and Federal regulations.**

SECTION 7: HANDLING AND STORAGE

Handling:

- **General Advice:** Keep in a cool dry place.
- **Protection Against Fire and Explosion:** Take precautionary measures against overheating of drums

Storage:

- **General Advice:** Keep container tightly closed and dry; store in a cool place.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Personal Protective Equipment:

- **Respiratory Protection:** Wear a NIOSH-certified (or equivalent) organic vapor / particulate respirator.
- **Hand Protection:** Chemical resistant protective gloves
- **Eye Protection:** Safety glasses with side-shields
- **General Safety and Hygiene Measures:** Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice.

Engineering Controls: Keep containers closed when not. Do not store near food.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Colorless to light yellow-green liquid	Physical State: Liquid
Boiling Point: @760mm Hg/100C	Solubility in Water: 100%
Evaporation Rate: NA	Density: 9.0 Lb/Gal
Freezing Point: 18°F	Specific Gravity: 1.080
Melting Point: 18°F	Vapor Density: ND
Molecular Weight: Mixture	Vapor Pressure: 12.1 mm Hg
Odor: Chlorine	Viscosity: NA
pH: 100g/l NA	% Volatile: 100%
	Partition Coefficient: NA

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable at normal conditions

Incompatibility: Copper, magnesium

Hazardous Decomposition Products: Oxide

Hazardous Polymerization: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Eye: Will produce redness, burning and stinging. Prolonged and/or repeated contact may cause chemical conjunctivitis which may cause blindness

Skin: Will cause redness, flaking and drying of the skin. Prolonged and/or repeated contact may cause dermatitis and burns.

Ingestion: Will cause nausea, vomiting, diarrhea and irritation and /or burns to the digestive tract

Inhalation: Will cause irritation and/or burns to the bronchial membranes and/or pulmonary edema

Sub chronic: Unknown

Chronic / Carcinogenicity: Not listed as a known carcinogen

Teratology: Does not contain any harmful reproductive agents

Reproduction: Does not contain any harmful reproductive agents

Mutagenicity: Does not contain any known mutagens

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicological Information: Environmental fate and effects are not established.

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SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal of Substance: Dispose of in accordance with national, state, and local regulations. Do not discharge into drains / surface waters / groundwater. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

Container Disposal: Recommend crushing, puncturing or other means to prevent unauthorized use of used containers. Dispose of in accordance with national, state and local regulations.

SECTION 14: TRANSPORT INFORMATION (Not meant to be all inclusive)

D.O.T. Shipping Name: Hypochlorite Solutions
Technical Shipping Name: Hypochlorite Solutions
D.O.T. Hazard Class: 8 Packing group III
U.N. / N.A. Number: UN1791
Product RQ (lbs):
D.O.T. Label: Corrosive
D.O.T. Placard: Corrosive

SECTION 15: REGULATORY INFORMATION (Not meant to be all inclusive- selected regulation represented)

TSCA Status: Listed on TSCA inventory
CERCLA Reportable Quantity: NA
SARA Title III:
 Section 302 Extremely Hazardous Substances: RQ 100(NaOCl)
 Section 311/312 Hazardous Categories: Listed
 Section 313 Toxic Chemicals: Not regulated
RCRA Status:
SCAQMD Information: NA

California Proposition 65: None of the products composing this mixture is listed under Proposition 65

SECTION 16: OTHER INFORMATION

New Jersey Right to Know Information**Hazard Rating System:**

	HMIS III Rating	NFPA Hazard Codes
Health	3	3
Flammability	1	1
Reactivity	NA	1
Physical Hazard	1	NA

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