

Safety Data Sheet

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Code: MA-225 MA-250	
Product Name: MILDEW STAIN AWAY	
Manufacturer's Name: MARINE DEVELOPMENT & RESEARCH	Emergency Telephone Number:
Address (Number, Street, City, State, ZIP) 515 EAST 41 ST ST	Telephone Number for Information: 973-754-7000
PATERSON, NJ 07504	Date Prepared: 10/18/16
	Signature of Preparer (optional):

SECTION 2: HAZARDS IDENTIFICATION

HEALTH HAZARD	Skin corrosion/ irritation: Serious eye damage/ eye irritation Specific target organ toxicity single exposure	Category 1 Category 1 Category 3 (respiratory tract irritation)
ENVIRONMENTAL HAZARD	Hazardous to the aquatic environment, acute hazard	Category 1
PHYSICAL HAZARD SYMBOLS	Corrosive to metals	Category 1



SIGNAL WORD HAZARD STATEMENT

DANGER

May be corrosive to metals. Causes severe skin burns and eye damage. May Cause respiratory irritation. Very toxic to aquatic life

PRECAUTIONARY STATEMENT

Prevention

Wear protective gloves/protective clothing/eye protection/face protection. Do not breathe mist or vapor. Use only outdoors or in a well ventilated area. Wash thoroughly after handling. Keep only in original container. Avoid release to the environment

Response

If swallowed: Rinse mouth. Do NOT induce vomiting
If inhaled: Remove person to fresh air and keep comfortable for breathing
If on skin (or hair): Take off immediately all contaminated clothing.
Rinse skin with water/shower. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a poison center/doctor. Wash contaminated clothing reuse.
Absorb spillage to prevent material damage. Collect spillage

Storage and Disposal

Store in a well-ventilated place. Keep container tightly closed. Store locked up
Store in corrosive resistant container.
Dispose of container/contents in accordance with local, regional, national, international regulations as specified.

Safety Data Sheet

SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

Component	CAS Registry #	% w/w	ACGIH TLV	OSHA PEL
Alcohol Ethoxylated	68131-39-5	1-5	NA	NA
Dimethyldioctylammonium Cl.	5538-94-3		1000 PPM	NA
Didecyldimethylammonium Cl.	7173-76-2	1-5	1000 PPM	NA
Butyl Cellosolve	111-76-2	1-5	20 PPM	50 PPM

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.

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 contain 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/ surfaces waters/ groundwater.

Absorb on fire retardant material. Dispose of in accordance to Local, State and Federal regulations.

Safety Data Sheet

SECTION 7: HANDLING AND STORAGE

Handling:

- **General Advice:** Keep away from sources of ignition- No Smoking
- **Protection Against Fire and Explosion:** Take precautionary measures against static discharges

Storage:

- **General Advice:** Keep containers 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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear Green Liquid	Physical State: Liquid
Boiling Point: 212 F	Solubility in Water: Complete
Evaporation Rate: NA	Density: 8.5 lb/gal
Freezing Point: 32 F	Specific Gravity: 1.02
Melting Point: 32 F	Vapor Density: NA
Molecular Weight: Mixture	Vapor Pressure: NA
Odor: Slight Pine	Viscosity: NA
pH: 12.3	% Volatile: 25.0%
	Partition Coefficient: NA

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable

Incompatibility: Strong Oxidizers, Strong Acids

Hazardous Decomposition Products: Oxides of carbon and nitrogen

Hazardous Polymerization: Will not occur

Safety Data Sheet

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.

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

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

Sub chronic: Unknown.

Chronic/Carcinogenicity: Not listed as any 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.

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: Specialty cleaning preparation.

Technical Shipping Name: None

D.O.T. Hazard Class: None

U.N. / N.A. Number: None

Product RQ (lbs): None

D.O.T. Label: None

D.O.T. Placard: None

Safety Data Sheet

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

TSCA Status: All ingredients are in the TSCA inventory

CERCLA Reportable Quantity: None

SARA Title III:

Section 302 Extremely Hazardous Substances: None

Section 311/312 Hazardous Categories: Acute Health Hazard

Section 313 Toxic Chemicals: Butyl Cellosolve CAS# 11-76-2

RCRA Status: None per 40 CFR P 261D

SCAQMD Information: N/A

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	0	0
Reactivity	N/A	0
Physical Hazard	0	N/A

THIS SDS HAS BEEN PREPARED USING DATA FROM SOURCES CONSIDERED TECHNICALLY RELIABLE. IT DOES NOT CONSTITUTE A WARRANTY, EXPRESSED OR IMPLIED, AS TO THE ACCURACY OF THE INFORMATION CONTAINED HEREIN. ACTUAL CONDITIONS OF USE AND HANDLING ARE BEYOND SELLER'S CONTROL. USER IS RESPONSIBLE TO EVALUATE ALL AVAILABLE INFORMATION WHEN USING PRODUCT FOR ANY PARTICULAR USE AND TO COMPLY WITH ALL FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.