



Safety Data Sheet

Section 1: Identification

Product Name:	Product Uses:
Algae Mildew Cleaner	Cleans algae & mildew from masonry and cementitious surfaces
#42-01, 42-05, 42-55	(Denotes 1-gallon size, 5-gallon size, 55-gallon size)

Manufacturer

**Envirosafe Manufacturing Corp./
Eco-Wares Inc.**

7634-B Progress Circle
West Melbourne, FL 32904

TELEPHONE NUMBER FOR INFORMATION

(866) 874-8070

EMERGENCY PHONE NUMBER

PERS Professional Emergency Response Service
Company Code 8990

(800) 633-8253 (Domestic)

Updated: 03/2019

Section 2: Hazard(s) Identification

Hazard Category	Signal Word	Hazard Statement	Symbol
1 DOT Class & UN # 1791	Warning Warning Warning Danger	H290: May be corrosive to metal H312: Harmful in contact with skin H332: Harmful if inhaled H314: May cause eye damage	

Precautionary Statements


Prevention	Response	Storage	Disposal
P234 Keep in original container	P290+P391 Absorb spillage to prevent material damage.	P410+P412 Protect from sunlight. Store at temp. not exceeding 50 C or 122 F	P501 Dispose of contents/container in accordance with local/regional regulation
P102 Keep out of the reach of children	May be hazardous to aquatic life.		

Section 3: Composition/Information on Ingredients





Hazardous Components (Specific Chemical Identity)	OSHA PEL	ACGH TLV
Sodium hydroxide	2mg/m3	2mg/m3
Sodium hypochlorite	n/a	n/a Max 3%

Specific chemical identity and/or percentages of composition has been withheld as a Trade Secret.

Section 4: First-Aid Measures

Hazard Category	Signal Word	Hazard Statement	Symbol
2	Warning	H315+H319+H305 May cause skin, eye, and respiratory irritation	



Precautionary Statements

Prevention	Response	Storage	Disposal
<p>P271 Use outdoors in well ventilated area</p> <p>P280 Wear protective gloves/ protective clothing/eye protection/face protection</p> <div style="display: flex; justify-content: space-around; align-items: center;">    </div> <p>P270 Do not eat, drink or smoke when using this product</p> <p>P280 Wear protective gloves/ protective clothing/eye protection/face protection</p> <p>P261 Avoid breathing spray mist (Use low pressure pump sprayer)</p> <div style="text-align: center;">  </div>	<p>P304+P340 If Inhaled: Move victim to fresh air and keep in a comfortable position for breathing</p> <p>P303+P361+P353 If on Skin/Hair Take off immediately all contaminated clothing. Rinse skin with water/shower</p> <p>P363 Wash contaminated clothing before reuse</p> <p>P333+P313 If skin irritation occurs: Get medical advice/attention.</p> <p>P301+P312 If Swallowed: Call a Poison Control Center or doctor/physician if you feel unwell</p> <p>P305+P351+P338 If in Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p>	<p>P410+P412 Protect from sunlight. Store at temp. not to exceed 90F Do not store at temperature below 40F</p>	<p>P501 Dispose of contents/ container in accordance with local/regional regulations</p>

Section 5: Fire-Fighting Measures

Under normal conditions of use, this product will not cause a fire. If a fire occurs, use control measures for surrounding materials.

Section 6: Accidental Release Measures

Prevention	Response	Disposal
P234 Keep only in original container P273 Avoid release to environment In case of a large spill P80+P261 Wear protective clothing Avoid breathing vapors 	P390 Absorb spillage to prevent material damage P391 Collect spillage P285 In case of inadequate ventilation, wear respiratory protection. 	P501 Dispose of contents/ container in accordance with local/regional regulations


Section 7: Handling and Storage

Precautionary Statements

Prevention	Response	Storage	Disposal
P280 Wear protective gloves/ protective clothing/eye protection/face protection P285 In case of inadequate ventilation, wear respiratory protection. P102 Keep out of the reach of Children	Do not mix with other chemicals	P410+P412 Protect from sunlight. Store at temp. not to exceed 50C/122F	P501 Dispose of contents/ container in accordance with local/regional regulations

Section 8: Exposure Controls/Personal Protection

Precautionary Statements

Prevention	Response
P280 Wear protective gloves/protective clothing/ eye protection 	P264 Wash hands thoroughly after handling P262 Do not get in eyes, on skin or clothing

Hazardous Components (Specific Chemical Identifier)	OSHA PEL	ACGH TLV
Sodium hydroxide	CAS#1310-73-2 2mg/m ³	2mg/m ³
Sodium hypochlorite	CAS#7681-52-9 n/a	n/a

Specific chemical identity and/or percentages of composition has been withheld as a trade secret.

Section 9: Physical and Chemical Properties

Appearance:	Liquid, pale yellow
Upper/lower flammability or explosive limits	N/A
Odor:	Sharp, chlorine
Vapor Pressure:	N/A
Vapor Threshold:	N/A
Vapor Density:	N/A
ph:	1
Relative Density:	Slightly viscous
Melting Point/Freezing Point:	32 deg F
Solubility:	Yes, in water
Initial boiling Point/Boiling Range:	N/A
Flash Point:	N/A
Evaporation Rate:	Same as water
Flammability:	No, liquid
Partition coefficient:	N/A
Auto-ignition temperature:	N/A
Decomposition temperature:	N/A

Section 10: Stability and Reactivity

Reactivity

Reacts with acids, do not combine products.

Chemical Stability:

Stability: Under normal conditions of use and storage, this product is stable.

No stabilizers are needed to maintain this product.

There are no safety issues that may arise should the product change in appearance.

Other:

Hazardous polymerization will not occur.

Do not mix this product with any alkali, or hypochlorite product.

Violent foaming and/or release of chlorine will occur

List of all classes of incompatible materials:

Acid materials

List of any known or anticipated hazardous decomposition products that could be produced because of use, storage, or heating.

Mixing with products containing acids causes a release of chlorine gas.

Section 11: Toxicological Information

No toxicological information is available at this time.

Section 12: Ecological Information

Prevention	Response
P273 Avoid release to environment	Large quantities may be hazardous to aquatic life.

Section 13: Disposal Considerations

Unused Product: Dilute with large quantities of water.
P501

Dispose of contents/container in accordance with local/regional regulation

Section 14: Transport Information

Traveling via UPS in 1-gallon bottles: ORM-D

Traveling via LTL common carrier over Sodium Hypochlorite Solution, 8, UN 1791, PG III

Section 15: Regulatory Information

This product is considered a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. Components are on EPA TSCA List
Inventory Status: Reported/Included

Section 16: Other Information

HMIS Rating	NFPA Rating																						
<table style="width: 100%; border-collapse: collapse;"> <tr style="background-color: #0056b3; color: white;"> <td style="text-align: center; width: 30px;">2</td> <td style="padding-left: 10px;">HEALTH</td> </tr> <tr style="background-color: #ff0000; color: white;"> <td style="text-align: center;">0</td> <td style="padding-left: 10px;">FLAMMABILITY</td> </tr> <tr style="background-color: #ffff00; color: black;"> <td style="text-align: center;">0</td> <td style="padding-left: 10px;">REACTIVITY</td> </tr> <tr style="background-color: #e0e0e0;"> <td style="text-align: center;"><input checked="" type="checkbox"/></td> <td style="padding-left: 10px;">PPE</td> </tr> <tr style="border-top: 1px solid black;"> <td colspan="2" style="padding: 5px;">CHECK ALL PPE THAT APPLY</td> </tr> <tr> <td style="padding: 2px;"><input checked="" type="checkbox"/> SAFETY GLASSES</td> <td style="padding: 2px;"><input checked="" type="checkbox"/> GLOVES</td> </tr> <tr> <td style="padding: 2px;"><input checked="" type="checkbox"/> SAFETY GOGGLES</td> <td style="padding: 2px;"><input checked="" type="checkbox"/> APRON</td> </tr> <tr> <td style="padding: 2px;"><input checked="" type="checkbox"/> FACE SHIELD</td> <td style="padding: 2px;"><input type="checkbox"/> FULL BODY SUIT</td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/> DUST RESPIRATOR</td> <td style="padding: 2px;"><input type="checkbox"/> BOOTS</td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/> VAPOR RESPIRATOR</td> <td style="padding: 2px;"><input type="checkbox"/> AIRLINE MASK</td> </tr> <tr> <td style="padding: 2px;"><input type="checkbox"/> FULL FACE RESPIRATOR</td> <td style="padding: 2px;"><input type="checkbox"/> OTHER _____</td> </tr> </table>	2	HEALTH	0	FLAMMABILITY	0	REACTIVITY	<input checked="" type="checkbox"/>	PPE	CHECK ALL PPE THAT APPLY		<input checked="" type="checkbox"/> SAFETY GLASSES	<input checked="" type="checkbox"/> GLOVES	<input checked="" type="checkbox"/> SAFETY GOGGLES	<input checked="" type="checkbox"/> APRON	<input checked="" type="checkbox"/> FACE SHIELD	<input type="checkbox"/> FULL BODY SUIT	<input type="checkbox"/> DUST RESPIRATOR	<input type="checkbox"/> BOOTS	<input type="checkbox"/> VAPOR RESPIRATOR	<input type="checkbox"/> AIRLINE MASK	<input type="checkbox"/> FULL FACE RESPIRATOR	<input type="checkbox"/> OTHER _____	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Health Hazard Blue Diamond</p> <p>4-Deadly 3-Extreme Danger 2-Hazardous 1-Slightly Hazardous 0-Normal Material</p> </div> <div style="width: 45%;"> <p>Fire Hazard Red Diamond</p> <p>Flash Points 4-Below 73°F 3-Below 100°F 2-Above 100°F not exceeding 200°F 1-Above 200°F 0-Will not burn</p> </div> </div> <div style="text-align: center; margin: 10px 0;"> <p style="font-size: 24px; font-weight: bold; margin: 0;">COR</p> </div> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Specific Hazard White Diamond</p> <p>ACID - Acid ALK - Alkali COR - Corrosive OXY - Oxidizer R - Radioactive W - Use No Water</p> </div> <div style="width: 45%;"> <p>Reactivity Yellow Diamond</p> <p>4-May Detonate 3-Shock & Heat may detonate 2-Violent Chemical change 1-Unstable if heated 0-Stable</p> </div> </div>
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Date Prepared 3/30/2006

Date Updated 5/5/15

The information contained herein is based on Data considered accurate. However, No Warranty is expressed or implied regarding the accuracy of this Data or the results obtained from the use thereof.

Vendor assumes no responsibility for injury to Vendee or third party proximately caused by this material if reasonable safety procedures are not adhered to as stipulated in the Data Sheets. Additionally, Vendor assumes no responsibility for injury to Vendee or third person proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, Vendee assumes the risk in the use of this material.

This document has been prepared in accordance with the SDS OSHA Hazard Communication Standard 29 CFR 1910.1200 Standard must be consulted for specific requirements.