

## SECTION 1: Identification

### 1.1 Product identifier

Product name	Gone Mildew Mold, Stain Remover
Product number	GONE
Brand	FDC

### 1.3 Recommended use of the chemical and restrictions on use

Mildew, Mold, Algae Stain Remover

### 1.4 Supplier's details

Name	Ecoclean Solutions
Address	570 Oak St Copiague, NY 11726, US
Telephone	(877) 416-6880

### 1.5 Emergency phone number(s)

800-255-3924

## SECTION 2: Hazard identification

### General hazard statement

"Consumer Products", as defined by the US Consumer Product Safety Act and which are used as intended (typical consumer duration and frequency), are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safe handling and proper use of the product.

### 2.1 Classification of the substance or mixture

#### GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)

- Acute toxicity, dermal, Cat. 5
- Acute toxicity, inhalation, Cat. 4
- Acute toxicity, inhalation, Cat. 5
- Acute toxicity, oral, Cat. 4
- Eye damage/irritation, Cat. 1
- Skin corrosion/irritation, Cat. 1

### 2.2 GHS label elements, including precautionary statements

#### Pictogram



#### Signal word

**Danger**

**Hazard statement(s)**

H302 Harmful if swallowed  
 H314 Causes severe skin burns and eye damage  
 H318 Causes serious eye damage  
 H332 Harmful if inhaled

**Precautionary statement(s)**

P260 Do not breathe dust/fume/gas/mist/vapors/spray.  
 P261 Avoid breathing dust/fume/gas/mist/vapors/spray.  
 P264 Wash ... thoroughly after handling.  
 P270 Do not eat, drink or smoke when using this product.  
 P271 Use only outdoors or in a well-ventilated area.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P280 Wear eye protection/face protection.  
 P301+P312 IF SWALLOWED: Call a POISON CENTER /doctor/...if you feel unwell,  
 P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.  
 P310 Immediately call a POISON CENTER/doctor/...  
 P312 Call a POISON CENTER/doctor/.../ if you feel unwell.  
 P321 Specific treatment (see ... on this label).  
 P330 Rinse mouth.  
 P363 Wash contaminated clothing before reuse.  
 P405 Store locked up.  
 P501 Dispose of contents/container to ...

**SECTION 3: Composition/information on ingredients**

**3.2 Mixtures**

**Components**

Component	Concentration
<b>Sodium hypochlorite solution (4-6% cl2) (CAS no.: 7681-52-9; EC no.: 231-668-3; Index no.: 017-011-00-1)</b>	<b>5 - 8 % (weight)</b>
CLASSIFICATIONS: Skin corrosion/irritation, Cat. 1B; Hazardous to the aquatic environment, short-term (acute), Cat. 1. HAZARDS: H314 - Causes severe skin burns and eye damage; H400 - Very toxic to aquatic life.	
<b>Sodium hydroxide (CAS no.: 1310-73-2; EC no.: 215-185-5; Index no.: 011-002-00-6)</b>	<b>1 - 3 % (weight)</b>
CLASSIFICATIONS: Skin corrosion/irritation, Cat. 1A. HAZARDS: H314 - Causes severe skin burns and eye damage.	
<b>Chlorine (CAS no.: 7782-50-5; EC no.: 231-959-5; Index no.: 017-001-00-7)</b>	<b>1 - 3 % (weight)</b>
CLASSIFICATIONS: Oxidizing gases, Cat. 1; Press. Gas; Acute toxicity, Cat. 3; Specific target organ toxicity (single exposure), Cat. 3; Skin corrosion/irritation, Cat. 2; Serious eye damage/eye irritation, Cat. 2; Hazardous to the aquatic environment, short-term (acute), Cat. 1. HAZARDS: H270 - May cause or intensify fire; oxidizer; H315 - Causes skin irritation; H319 - Causes serious eye irritation; H331 - Toxic if inhaled; H335 - May cause respiratory irritation; H400 - Very toxic to aquatic life	

**Trade secret statement (OSHA 1910.1200(i))**

\*The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

**SECTION 4: First-aid measures**

#### 4.1 Description of necessary first-aid measures

General advice	Call a poison control center or doctor immediately for treatment advice. Show this safety data sheet to the doctor in attendance.
If inhaled	Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.
In case of skin contact	Wash with plenty of water for at least 15 minutes. Call a poison center or doctor if irritation develops or persists.  Acute and delayed symptoms and effects: May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.
In case of eye contact	Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or doctor.  Acute and delayed symptoms and effects: Causes serious eye damage. Signs/symptoms may include cloudy appearance of the cornea, chemical burns, severe pain, tearing, ulcerations, significantly impaired vision or complete loss of vision.
If swallowed	Call a poison center or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.  Acute and delayed symptoms and effects: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

#### 4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

#### 4.3 Indication of immediate medical attention and special treatment needed, if necessary

No data available.

### SECTION 5: Fire-fighting measures

#### 5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### 5.2 Specific hazards arising from the chemical

Strong oxidizer. May ignite combustible or organic materials when in contact. chlorine gas may be present in fire.

#### 5.3 Special protective actions for fire-fighters

Avoid any skin contact. Effects of contact or inhalation may be delayed. Fire may produce irritating, corrosive and/or toxic gases. Runoff from fire control or dilution water may be corrosive and/or toxic and cause pollution. Wear positive pressure self-contained breathing apparatus (SCBA). Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection. Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.

**Further information**

Use water spray to cool unopened containers.

**SECTION 6: Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

Wear respiratory protection if necessary. Avoid breathing gas, mist, vapors, or spray. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

**6.2 Environmental precautions**

See Section 12 for ecological Information.

**6.3 Methods and materials for containment and cleaning up**

Stop leak if you can do it without risk. Sweep up and shovel into suitable containers for disposal.

**Reference to other sections**

For disposal see section 13.

**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling**

Do not swallow. Do not breathe mist, vapors, or spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. See Section 8 for information on Personal Protective Equipment.

**7.2 Conditions for safe storage, including any incompatibilities**

Store locked up. Store away from incompatible materials. See Section 10 for information on Incompatible Materials. Keep out of the reach of children.

**Specific end use(s)**

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

**CAS: 1310-73-2**

Sodium hydroxide

ACGIH (USA): (C) 2 mg/m<sup>3</sup> TLV® inhalation; Cal/OSHA (USA): (C) 2 mg/m<sup>3</sup> PEL inhalation; NIOSH (USA): (C) 2 mg/m<sup>3</sup> REL inhalation; OSHA (USA): 2 mg/m<sup>3</sup> PEL inhalation

**CAS: 7782-50-5**

Chlorine

Cal/OSHA: 0.5 ppm, (ST) 1 ppm PEL inhalation; NIOSH: (C) 0.5 ppm [15-min] REL inhalation; OSHA: (C) 1 ppm PEL inhalation; (C) 3 mg/m<sup>3</sup> PEL inhalation

**8.2 Appropriate engineering controls**

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

### 8.3 Individual protection measures, such as personal protective equipment (PPE)

#### Pictograms



#### Eye/face protection

Tightly fitting safety goggles. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU). Ensure that eyewash stations and/or safety showers are close to the workstation location if working with concentrated product.

#### Skin protection

Wear protective gloves. Consult manufacturer specifications for further information.

#### Body protection

Wear protective clothing. Clothing with full length sleeves and pants should be worn. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multipurpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

#### Thermal hazards

No data available.

#### Environmental exposure controls

Do not let product enter drains.

## SECTION 9: Physical and chemical properties

### Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	Amber liquid
Odor	Characteristic odor
Odor threshold	No data available.
pH	13.0
Melting point/freezing point	No data available.
Initial boiling point and boiling range	212 °F
Flash point	No data available.
Evaporation rate	About the same.
Flammability (solid, gas)	No data available.
Upper/lower flammability limits	No data available.
Upper/lower explosive limits	No data available.
Vapor pressure	No data available.
Vapor density	No data available.
Relative density	1.083
Solubility(ies)	Complete
Partition coefficient: n-octanol/water	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.

Viscosity  
Explosive properties  
Oxidizing properties

No data available.  
No data available.  
No data available.

**Other safety information**

No data available.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

Contact with incompatible materials. Sources of ignition. Exposure to heat.

### 10.2 Chemical stability

Stable under normal storage conditions.

### 10.3 Possibility of hazardous reactions

No data available.

### 10.4 Conditions to avoid

Heat, flames and sparks. Incompatible products. Keep away from open flames, hot surfaces and sources of ignition.

### 10.5 Incompatible materials

Sodium hydroxide : Caustic soda reacts with all the mineral acids to form the corresponding salts. It also reacts with weak-acid gases, such as hydrogen sulfide, sulfur dioxide, and carbon dioxide. Caustic soda reacts with amphoteric metals (Al, Zn, Sn) and their oxides to form complex anions such as  $AlO_2(-)$ ,  $ZnO_2(-2)$ ,  $SNO_2(-2)$ , and  $H_2$  (or  $H_2O$  with oxides). All organic acids also react with sodium hydroxide to form soluble salts. Another common reaction of caustic soda is dehydrochlorination.

### 10.6 Hazardous decomposition products

Sodium hydroxide : Sodium oxides  
Water: In the event of fire: see section 5

## SECTION 11: Toxicological information

### Information on toxicological effects

#### Acute toxicity

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation. Ingestion.

#### Components:

Symptoms (including delayed and immediate effects):

Inhalation: May cause respiratory irritation. Signs/symptoms may include burning pain in the nose and throat, coughing, wheezing, shortness of breath and pulmonary edema.

Ingestion: Causes burns to nose, mouth, throat, and digestive tract. Signs/symptoms may include severe mouth, throat and abdominal pain, nausea, vomiting, and diarrhea, blood in the feces and/or vomitus may also be seen.

ATE (dermal) of mixture: 5000 mg/kg

ATE (inhalation, gaseous) of mixture: 11666.67 ppmv

ATE (inhalation, vapor) of mixture: 50 mg/l

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## Gone Mildew Mold, Stain Remover

ATE (oral) of mixture: 1666.67 mg/kg

Sodium hydroxide solid or pellets  
LC50 - Gambusia affinis (Mosquito fish) - 125 mg/l - 96 h  
Citation: Sigma SDS

Sodium hydroxide solid or pellets  
LC50 - Oncorhynchus mykiss (rainbow trout) - 45.4 mg/l - 96 h  
Citation: Sigma SDS

### **Skin corrosion/irritation**

Causes skin irritation. Signs/symptoms may include localized redness, swelling, and itching.

### **Serious eye damage/irritation**

Causes serious eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

### **Respiratory or skin sensitization**

No data available.

### **Germ cell mutagenicity**

No data available.

### **Carcinogenicity**

This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACGIH, NTP, or EPA classification

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

### **Reproductive toxicity**

No data available.

### **STOT-single exposure**

May cause respiratory irritation.

### **STOT-repeated exposure**

May cause damage to organs through prolonged or repeated exposure

### **Aspiration hazard**

May be harmful if swallowed and enters airways

### **Additional information**

No data available.

## **SECTION 12: Ecological information**

### **Toxicity**

No data available on product

**Persistence and degradability**

No data available on product

**Bioaccumulative potential**

No data available on product

**Mobility in soil**

No data available.

**Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**Other adverse effects**

No data available.

**SECTION 13: Disposal considerations**

**Disposal of the product**

Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

**Disposal of contaminated packaging**

Dispose of as unused product.

**Waste treatment**

This material is a hazardous waste with the corrosivity characteristic. Code D002.

**SECTION 14: Transport information**

**DOT (US)** UN1791, Hypochlorite solutions, 8, III - Limited quantity

**49 CFR 173.154** - Exceptions for Class 8 (corrosive materials): For corrosive materials in Packing Group III, inner packaging not over 5.0 L (1.3 gallons) net capacity each for liquids or not over 5.0 kg (11 lbs) net capacity each for solids, packed in a strong outer packaging.

**SECTION 15: Regulatory information**

**15.1 Safety, health and environmental regulations specific for the product in question**

**California Prop. 65 Components**

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

**Massachusetts Right To Know Components**

No components are subject to the Massachusetts Right to Know Act.

Chemical name: Sodium hypochlorite

CAS number: 7681-52-9

Chemical name: Sodium hydroxide



CAS number: 1310-73-2

Chemical name: Chlorine

CAS number: 7782-50-5

**New Jersey Right To Know Components**

No components are subject to the New Jersey Right To Know Act.

Common name: Sodium hypochlorite

CAS number: 7681-52-9

Common name: Sodium hydroxide

CAS number: 1310-73-2

Common name: Chlorine

CAS number: 7782-50-5

Water

CAS-No. 7732-18-5

**Pennsylvania Right To Know Components**

No components are subject to the Pennsylvania Right To Know Act.

Chemical name: Hypochlorous acid, sodium salt

CAS number: 7681-52-9

Chemical name: Sodium hydroxide

CAS number: 1310-73-2

Chemical name: Chlorine

CAS number: 7782-50-5

Water

CAS-No. 7732-18-5

**SARA 302 Components**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 311/312 Hazards**

Acute Health Hazard

No SARA Hazards

**SARA 313 Components**

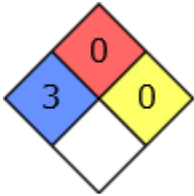
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**HMIS Rating**

Gone Mildew Mold, Stain Remover	
HEALTH	3
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

**NFPA Rating**



**SECTION 16: Other information**

**16.1 Further information/disclaimer**

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their purposes. In no event shall Ecoclean Solutions be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if Ecoclean Solutions has been advised of the possibility of such damages.