



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

June 13, 2016

Ms. Donna Bishel  
Director of Regulatory Affairs for,  
BioSafe Systems, LLC  
22 Meadow Street  
East Hartford, CT 06108

Subject: Notification per PRN 98-10 – To make minor text revisions as PR Notice 98-10  
Product Name: GreenClean 6% Liquid  
EPA Registration Number: 70299-16  
Application Date: May 17, 2016  
Decision Number: 517998

Dear Ms. Bishel:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

If you have any questions, you may contact name at number or via email at last.first@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Karen M. Leary, Esq.". The signature is written in a cursive style with a large initial 'K' and a long, sweeping underline.

Julie Chao  
Product Manager 31  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

06/13/2016

# GreenClean 6% Liquid

*(Alternate Brand Names: GreenClean 6% Liquid Microbiocide, OxiDate Ready To Spray, ZeroTol Ready To Spray, GreenClean FX, StorOx Ready To Spray, GreenClean for Ponds, GreenClean FX Hardscapes, GreenCleanFX Liquid Algaecide, GreenClean FX Moss, Mold, and Mildew Treatment, ZeroTol Ready to Spray Turf & Ornamental, BioSafe Disease Control, StorOx Fruit and Vegetable Wash, GreenClean Fruit and Vegetable Wash, StorOx Ready to Use)*

**Sublabel A: Commercial Directions for Use**  
**Sublabel B: Residential Directions for Use**

**ACTIVE INGREDIENTS:**

Hydrogen Peroxide. .... 5.34%  
 Peroxyacetic Acid ..... 1.36%

**OTHER INGREDIENTS:...** 93.30%

**Total:.....**100.00 %

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER-PELIGRO**

*Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)*

<b>FIRST AID</b>	
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 – 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 – 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.	
<b>NOTE TO PHYSICIAN</b> - Probable mucosal damage may contraindicate the use of gastric lavage.	

See (back) (side) (inside) panel for first aid, additional precautionary statements and directions for use.

**Sold by:** BioSafe Systems LLC, 22 Meadow Street, East Hartford, CT 06108  
 (888) 273-3088

**EPA Registration No.:** 70299-16 Batch Code \_\_\_\_\_

**EPA Establishment No.:** 070299-CT-001, 067441-IL-001, 089546-NV-001

**Net Contents:** (16 fl oz, 17 fl oz, 18 fl oz., 32 fl oz, 1 and 5 gallon(s))

## Sublabel A: Commercial Directions for Use

# GreenClean 6% Liquid

*(Alternate Brand Names: GreenClean 6% Liquid Microbiocide, OxiDate Ready To Spray, ZeroTol Ready To Spray, GreenClean FX, StorOx Ready To Spray, GreenClean for Ponds, GreenClean FX Hardscapes, GreenCleanFX Liquid Algaecide, GreenClean FX Moss, Mold, and Mildew Treatment, ZeroTol Ready to Spray Turf & Ornamental, BioSafe Disease Control, StorOx Fruit and Vegetable Wash, GreenClean Fruit and Vegetable Wash, StorOx Ready to Use)*

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Peroxyacetic Acid ..... 1.36%  
**OTHER INGREDIENTS:**... 93.30%  
**Total:**.....100.00 %

### KEEP OUT OF REACH OF CHILDREN DANGER-PELIGRO

*Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand this label, find someone to explain it to you in detail.)*

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## PRECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS- DANGER: Corrosive.** Causes irreversible eye damage. Do not get in eyes, on skin or on clothing. Wear protective eyewear (goggles, face shield or shielded safety glasses). Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing spray. Wash thoroughly with soap and water immediately after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse. When prolonged or repeated contact may occur, use chemically resistant gloves and full body clothing.

**ENVIRONMENTAL HAZARDS:** Do not contaminate water when disposing of equipment washwaters or rinsate. [For 5 gallon products only] Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water board of Regional Office of the EPA.

**PHYSICAL AND CHEMICAL HAZARDS: Corrosive.** Strong oxidizing agent. Do not use in concentrated form. Mix only with water in accordance with label instructions. Never bring concentrate in contact with other pesticides, cleaners or oxidative agents.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the state or tribal agency responsible for pesticide regulation.

GreenClean 6% Liquid is not to be combined or mixed with any other pesticide concentrates.

GreenClean 6% Liquid is not to be used in an aquaculture setting.

*Fogging applications not approved for use in California.*

## WATER TREATMENT

**CONTAINED WATERS** - To suppress, control and prevent algae and cyanobacteria in contained waters such as Water Gardens, Fish Ponds, Ornamental Pools/Ponds, Ornamental Waterfalls, Fountains, Watering Tanks, Storage Tanks, Drip Irrigation Systems, Irrigation Systems, Water Collectors and Domestic/Commercial Waters. Waters treated with GreenClean 6% Liquid are permissible to be used without interruption.

### DETERMINING WATER VOLUME

Measure length (L), width (W), and average depth (D) in feet (ft) or meters (m) and calculate volume using one of the following formulas:

Square/Rectangular:  
 $L(\text{ft}) \times W(\text{ft}) \times D(\text{ft}) \times 7.5 = \text{Gallons}$

Circular/Elliptical:  
 $L(\text{ft}) \times W(\text{ft}) \times D(\text{ft}) \times 5.9 = \text{Gallons}$

L(m) x W(m) x D(m) x 1000 = Liters

L(m) x W(m) x D(m) x 786 = Liters

$\frac{\text{Avg. Length (ft)} \times \text{Avg. Width (ft)}}{43,560} = \text{acres}$

### **APPLICATION METHODS**

In bodies of water where an aerator is available, and when treating the entire water volume, dose at the water's edge, or in the turbulence created while the aerator runs to facilitate rapid and adequate mixing.

Spot Treatment: Apply GreenClean 6% Liquid directly over the infested area. Re-treatment is required when heavy growth occurs.

Liquid Treatment: Spray solution on the water surface from shore or a properly equipped boat.

Injection Treatment: Inject solution into the water via a piping system.

### **APPLICATION RATES**

Algae Density	Teaspoons GreenClean 6% Liquid / 50 gallons	Fluid Ounces GreenClean 6% Liquid / 500 gallons	Dilution Rate	PPM Peroxyacetic Acid (AI)	PPM Hydrogen Dioxide (AI)
Low	3	5	1:12,600	1.1	3.8
Moderate	5	8.3	1:8100	1.6	6.6
High	7	11.6	1:5700	2.4	9.4

### **EFFECTIVENESS FACTORS**

- Effects of GreenClean 6% Liquid treatment are immediately apparent (bubbling, bleaching, & discoloration of algae).
- GreenClean 6% Liquid treatments are successful when contact of the pesticide is made with the algae.
- When treating surface mats and blooms, it is possible that GreenClean 6% Liquid will not penetrate the water column below the infested area, and a second application is then required for treating any bottom growing algae.

Apply more often during the summer months when water consumption and temperatures are high.

**STOCK TANKS AND LIVESTOCK WATER-** Use GreenClean 6% Liquid to suppress / control algae, bacteria and fungi in stock tanks, stock watering ponds, tanks and troughs, and livestock water. Apply 1-2 fl oz of GreenClean 6% Liquid per 50 gallons of water for algae control.

Product can be simply added to the body of waters as the residual control will allow for even distribution throughout the water column. Where existing algae mats are present at time of treatment, the most effective control will be obtained by breaking up mats and/or evenly dispersing diluted GreenClean 6% Liquid over the algae mats. Apply GreenClean 6% Liquid as needed to control and prevent algae growth; apply more frequent applications in times of higher water temperatures.

Drip system application for livestock watering tanks: Tanks fed by a continuous flow of spring or well water can be equipped with a chemical drip system designed to meter-in GreenClean 6% Liquid based upon water flow rates. Pre-dilute GreenClean 6% Liquid at a 1:100 rate or 4-mL/minute water flow rate. Treat continuously or as needed to control and prevent algae re-growth.

**FOR DRAINAGE DITCHES-** Use GreenClean 6% Liquid to treat water to suppress / control algae, bacteria and fungi in drainage water and ditches. For irrigation water, apply 10 to 23 fluid ounces of GreenClean 6% Liquid per 1,000 gallons of water. Product can be simply added to the body of water, as the residual control will allow for even distribution throughout the water column. Apply GreenClean 6% Liquid as needed to control and prevent algae growth; apply more often in times of higher water temperatures.

**TREATMENT OF COOLING WATER SYSTEMS** - (such as cooling towers, evaporative condensers) Severely fouled systems should be cleaned before treatment. Discontinue use of chlorine or bromine products prior to using this product. GreenClean 6% Liquid should be added to the system directly and not mixed with other chemicals or additives prior to dosing. Other chemicals should be added separately. Check compatibility of GreenClean 6% Liquid with any other chemicals or additives prior to use. Contamination with certain chemicals could result in lack of efficacy. Add GreenClean 6% Liquid at a point in the system where uniform mixing and even distribution will occur such as the cooling tower basin sump. Shock doses may be applied for 1 to 2 hours, as necessary, whereas intermittent doses are applied for 5 to 60 minutes 1 to 100 times per day. For either shock, intermittent or continuous dosing, apply 12.2 to 85.3 fl. oz of GreenClean Liquid 6% solution per 1,000 gallons of water. This will provide 95 to 667 ppm of total product, or 1 to 9 ppm of 100% peracetic acid. Repeat treatment as required to maintain control.

**TREATMENT OF GREENHOUSE EVAPORATIVE COOLERS** – Treat contaminated surfaces with a dilution of 1:150 of GreenClean 6% Liquid. For maintenance, treat cooler water once a week with a dilution of 1:12, 600 of GreenClean 6% Liquid for every gallon of cooling water.

**TREATMENT OF AGRICULTURAL AND GREENHOUSE IRRIGATION SYSTEMS** - Treat contaminated water with a dilution of 1:5,700 of GreenClean 6% Liquid. For maintenance, treat clean water with a dilution of 1:12, 600 of GreenClean 6% Liquid as needed.

### **POST-HARVEST TREATMENT OF FRUITS AND VEGETABLES**

GreenClean 6% Liquid can be used to control growth of post harvest spoilage and decay causing bacterial and fungal plant pathogens on fruits and vegetables. Product can be added directly to the wash water used for cleaning of fruits and vegetables or can be directly injected in to the spray water or if applied as a fog, can be injected directly into the water used for fogging of fruits and vegetables.

**DIRECT INJECTION INTO SPRAY WATERS USED ON PROCESS LINES AND HUMIDIFICATION SYSTEMS** - Treat water containing plant pathogens by injecting GreenClean 6% Liquid directly into spray system water with 6 fl. oz. of concentrate for every 100 gallons of water or use a dilution rate of 1:2133. Applicable for use on all types of post-harvest commodities.

**TREATMENT FOR NON-POTABLE WATER SYSTEMS-** (wash tanks, dip tanks, drench tanks, evaporators, humidification systems and/or storage tanks) - Treat water to control the growth of spoilage and decay causing non-public health organisms with 0.6 fl. oz. of GreenClean 6% Liquid for every 10 gallons of water or use a dilution rate of 1:2133.

**DIRECT INJECTION INTO DUMP TANKS, HYDRO COOLERS, SPRAY SYSTEM AND PROCESS WATERS-** For treatment of water containing plant pathogens, inject GreenClean 6% Liquid and maintain a predetermined residual level by using metering equipment, coupled with ORP measuring probes.

- 1) Determine biological organic loading prior to treatment if possible.
- 2) For waters that contain low levels of biological and organic loading inject GreenClean 6% Liquid at 21.5 - 7.2 fl. oz. of concentrate for every 100 gallons of water or at a dilution rate of 1:600 - 1:1800.
- 3) For clean water, inject 5.4 fl. oz. of GreenClean 6% Liquid for every 100 gallons of water or a dilution rate of 1:2400 to prevent the formation of algae, bacteria and fungi.

**POST HARVEST SPRAY TREATMENTS ON PROCESS AND PACKING LINES-** Inject GreenClean 6% Liquid directly into spray system water on process and packing lines to prevent bacterial and fungal diseases on post-harvest fruits and vegetables. Inject at a rate of 1:150 - 1:600 concentrate to clean water. For best results, where dump tanks are used, make post harvest spray treatment as produce is leaving dump tanks. Applicable for use on all types of post harvest commodities.

**POST HARVEST SPRAY TREATMENTS-** Use GreenClean 6% Liquid to prevent bacterial and fungal diseases on post-harvest fruits and vegetables. Mix 0.85 fl. oz. GreenClean 6% Liquid per gallon of clean water. Spray fruit or vegetables to runoff using hydraulic, backpack, air-assisted or other similar sprayer or foaming device.

**APPLICATION TO WASH WATER USED FOR CLEANING OF FRUITS AND VEGETABLES-** Use GreenClean 6% Liquid for the treatment of wash waters used for cleaning of fruits and vegetables. Mix GreenClean 6% Liquid with water at a dilution rate of 1:137-1:574 (0.22-0.93 fl. oz of GreenClean 6% Liquid per gallon of water; 24-100 ppm of peroxyacetic acid). The fruits and vegetables can be submerged in the resulting solution for a minimum contact time of 30 seconds and up to 3.0 minutes, followed by adequate draining and drying to ensure no residual moisture is present on the surface of the produce prior to packing and/or storage.

**APPLICATION TO WATER USED FOR SPRAYING OR FOGGING OF FRUITS AND VEGETABLES-** Mix or inject GreenClean 6% Liquid concentrate with water used for spray wash or fogging at a dilution rate of 1:137-1:574 (0.22-0.93 fl. oz of GreenClean 6% Liquid per gallon of water; 24-100 ppm of peroxyacetic acid). Spray or fog until even and sufficient distribution is achieved on the produce surface and a contact time of at least 10 seconds with the applied solution. Allow produce surface to air dry to ensure no residual moisture prior to packing and/or storage.



**COMBINATION USE WITH ULTRASONIC PRODUCE TREATMENT SYSTEM-** GreenClean 6% Liquid can be added to water used in ultrasonic produce treatment systems for cleaning of fruits and vegetables. Mix or inject GreenClean 6% Liquid concentrate into the water used in ultrasonic produce system at a dilution rate of 1:137-1:574 (0.22-0.93 fl. oz. of GreenClean 6% Liquid per gallon of water; 24-100 ppm of peroxyacetic acid). The fruits and vegetables can be submerged in the resulting ultrasonic treated solution for a minimum contact time of 30 seconds and up to 3.0 minutes, followed by adequate draining and drying to ensure no residual moisture is present on the surface of the produce prior to packing and/or storage.

## **SURFACE TREATMENT**

Use GreenClean 6% Liquid on all listed hard, non-porous surfaces, to suppress/control odor-causing bacteria, algae, fungi, moss, mold and mildew, and the odors and conditions that these organisms cause.

Hard, non-porous application surfaces or items include:

Floors, Walkways, Walls, Storage Areas, Patios, Decks, Railings, Roofs, Asphalt Shingles, Siding, Stairs, Ramps, Sealed concrete, linoleum, formica, vinyl, glazed porcelain, plastic, sealed fiberglass, polyethylene, CPVC, PVC, aluminum, steel, stainless steel, sealed wood, and glass. Brick, Stone, Landscape Pavers, Glazed Tile, Slate, Granite, Statues/Monuments, Outdoor Furniture, Tennis Courts (non-grass), Under Benches.

- 1) Sweep and remove all debris. Use power sprayer to wash all surfaces to remove loose dirt.
- 2) Use a dilution of 1:100 or 1.3 fl. oz. of GreenClean 6% Liquid per gallon of water
- 3) Apply solution with mop, sponge, pump or power sprayer or fogger to thoroughly wet all surfaces.
- 4) Allow to remain wet with solution for one (1) minute.
- 5) Allow items and/or surfaces to air dry. Do not rinse.
- 6) Scrub off heavy growths of algae and fungi following application. Use a solution of GreenClean 6% Liquid to wash away dead growth.

Reapply as often as needed for control.

**TREATMENT OF GREENHOUSE SURFACES AND EQUIPMENT** – (glazing, plastic, pots, flats, trays, cutting tools, benches, work areas, walkways, floors, walls, fan blades, watering systems, coolers, storage rooms, structures and equipment) – Use GreenClean 6% Liquid to control algal, fungal and slime forming bacterial growth. Clean surfaces before treatment. Sweep and remove all plant debris, and use power sprayer to wash all surfaces to remove loose dirt. Use a dilution of 1:100 or 1.3 fl. oz. of GreenClean 6% Liquid per gallon of water for all non-porous surfaces that have been pre-cleaned with water. Apply solution with mop, sponge, power sprayer or fogger to thoroughly wet all surfaces. Cutting tools may be soaked to ensure complete coverage. Allow to remain wet with solution for one (1) minute. Allow items and/or surfaces to air dry. Do not rinse. Heavy growths of algae and fungi may have to be scrubbed off following application. Repeat treatment as required to maintain control.

## **APPLICATION METHODS**

### **SPOT TREATMENT:**

Make a solution with GreenClean 6% Liquid (refer to liquid application rates). Apply directly over the infested area. Re-treatment is required when heavy growth occurs.

### **LIQUID:**

Make a solution with GreenClean 6% Liquid (refer to liquid application rates). Spray this solution on the desired treatment surface using sprayer or power wash equipment.

### **FOAM:**

Make a solution with GreenClean 6% Liquid (refer to foam application rates). Spray this solution on the desired treatment surface. Use a foamer, such as the BioSafe BioFoamer, to apply.

### **HOSE-END SPRAYER:**

Follow use directions on manufacturer's hose-end sprayer. Set hose-end sprayer to "H2O" setting (water only) and spray all surfaces to remove loose dirt. Set hose-end sprayer to "Mix" setting and thoroughly wet all surface with solution. Spray this solution on the desired treatment surface.

### **To Refill Hose-end Sprayer Bottle With Concentrate:**

- 1) Remove spray applicator from empty hose-end sprayer.
- 2) Wear rubber gloves when handling concentrate.
- 3) Unscrew cap on refill concentrate and pour contents directly into empty hose-end sprayer.
- 4) Replace spray applicator on hose-end sprayer, hook hose onto spray unit and use according to directions.

## **FOLIAR TREATMENTS**

Use GreenClean 6% Liquid as a fungicide/bactericide to treat/control plant diseases on all flowering plants, ornamentals, house plants, vegetable, berry and fruit plants, trees and shrubs.

GreenClean 6% Liquid works immediately on contact with any plant surfaces for the control / suppression of fungi and bacteria: Downy Mildew, Powdery Mildew, Leaf Blight, Anthracnose, *(Not Approved For Use in California: Botrytis, Xanthomonas, Rhizoctonia, Leaf Spot, and Pseudomonas)*. Apply GreenClean 6% Liquid to ornamentals, vegetable plants, bedding plants, flowering plants, shrubs, and trees. To ensure that this contact fungicide is effective, thorough coverage and wetting of the foliage is necessary.

Care should be taken when using GreenClean 6% Liquid for curative control of obligate organisms living on the plant tissue (such as downy and powdery mildew). These treatments may result in lesions on plant tissue. GreenClean 6% Liquid will oxidize parasitic organisms living in plant tissue that are not always visible to the naked eye. Resulting oxidative effects may include spotting, or drying of the plant tissue where organisms inhabited tissue.

## Spray Application:

### Initial Application:

- 1) Use a dilution of 1:150 or 0.85 fl. oz. of GreenClean 6% Liquid to one gallon of water. Do not reuse already mixed solution, make fresh daily.
- 2) Spray, mist or fog plants in early morning or late evening.
- 3) Thoroughly wet all surfaces of plant, upper and lower foliage, including stems, branches and stalks to ensure full contact with plant and flower tissue.
- 4) Apply consecutive applications until control is achieved and then follow directions for preventative treatment.

### Weekly Preventative Treatment:

- 1) Use a dilution of 1:200 or 0.64 fl. oz. of GreenClean 6% Liquid per gallon of clean water.
- 2) Spray, mist or fog plants.
- 3) Thoroughly wet all surfaces of plant, upper and lower foliage, including stems, branches and stalks.
- 4) Spray every five to seven days as a preventive treatment.

At the first sign of disease spray daily with a 0.85 fl. oz. per gallon of water for three consecutive days and then resume weekly preventative treatment.

### Hose-end Sprayer Application:

- 1) Attach GreenClean 6% Liquid hose-end sprayer to the end of a garden hose and turn on water.
- 2) Set hose-end sprayer to "H2O" setting (water only) and spray all surfaces to remove loose dirt.
- 3) Set hose-end sprayer to "Mix" setting and thoroughly wet all surface with solution.
- 4) Allow treated items and/or surfaces to remain wet with solution for one (1) minute.
- 5) Allow treated items and/or surfaces to air dry. Do not rinse.
- 6) Turn water off and detach hose-end sprayer when not in use.

Note: GreenClean 6% Liquid has not been tested on all plant species; it is always advisable to test GreenClean 6% Liquid on a small number of plants before treating large numbers. Do not apply to wilted plants.

## **TURF TREATMENTS**

**TURF AND LAWNS** - Use on well-established lawns, to control / suppress algae, bacterial and fungal diseases, and the odors and conditions that these organisms may cause.

- Broad spectrum treatment for control of algae, fungi and bacteria on turf, as well as synthetic and artificial turf.
- Use GreenClean 6% Liquid to treat / prevent the bacterial/fungal diseases including but not limited to: *Anthraxnose*, Brown Spot, Dollar Spot, Summer patch, (*Not Approved for Use in California: Copper Spot, Strip Smut, Take-All Patch, Leaf Spot, Fusarium, Fairy Ring, Pink Snow Mold, Pythium, Phytophthora, Rhizoctonia*). Use GreenClean 6% Liquid to treat algae, slime molds, and scum.

- For use on turf types such as commercial turf, lawns, athletic fields and golf course fairways, greens and tees.
- GreenClean 6% Liquid controls on contact.

For Spray Application: Dilute 1.3 fl oz or a 1:100 dilution of GreenClean 6% Liquid per gallon of clean water. Spray this solution on the desired area of the lawn. Three to ten gallons of diluted solution treats approximately 1000 square feet of lawn area.

Hose-end Sprayer Application:

1. Attach GreenClean 6% Liquid hose-end sprayer to the end of a garden hose and turn on water.
  2. Set hose-end sprayer to “H2O” setting (water only) and spray all surfaces to remove loose dirt.
  3. Set hose-end sprayer to “Mix” setting and thoroughly wet all surface with solution.
  4. Allow treated items and/or surfaces to remain wet with solution for one (1) minute.
  5. Allow treated items and/or surfaces to air dry. Do not rinse.
  6. Turn water off and detach hose-end sprayer when not in use.
- For best results, apply immediately after grass has been cut.
  - Optimum treatment time is early morning or late afternoon.

(Note to reviewer: Language in [ ] is optional)

#### **STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in original container in a cool, dry well-vented area, away from direct sunlight. Do not allow product to become overheated in storage. Do not store in a manner where cross-contamination with other pesticides or fertilizers could occur.

**PESTICIDE DISPOSAL:** Pesticide wastes may be hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

**[For pourable non refillable containers:]**

**CONTAINER HANDLING: (Containers equal to or less than 5 gallons):** Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

**[For hose-end sprayer:]**

Nonrefillable container. Do not reuse or refill this container except as allowed in the directions for use when using the hose-end sprayer. Triple rinse container (or equivalent) promptly after emptying. Triple Rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of BIOSAFE SYSTEMS LLC or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold BIOSAFE SYSTEMS and Seller harmless for any claims relating to such factors.

BIOSAFE SYSTEMS warrants that this product conforms to the *chemical* description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or BIOSAFE SYSTEMS, and Buyer and User assume the risk of any such use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BIOSAFE SYSTEMS MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESSED OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, in no event shall BIOSAFE SYSTEMS or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF BIOSAFE SYSTEMS AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF BIOSAFE SYSTEMS OR SELLER, THE REPLACEMENT OF THE PRODUCT.

BIOSAFE SYSTEMS and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of BIOSAFE SYSTEMS.

## Optional Label Claims:

- Microbiocide
- Algaecide
- Fungicide
- Bactericide
- Ready to Spray
- Roofing and Siding Treatment
- Marine and Boat Treatment
- Post Harvest Treatment
- Moss and algae control
- Heavy moss and algae deposits will often require a second application
- Textured surfaces may require scrubbing
- May discolor copper roofing and trim
- Liquid solutions have six-hour shelf life
- Brightens mold stained decking and wood
- Kills bacteria and fungi that cause odors
- Maybe used on sealed clay tiles, sealed Terracotta, sealed slate and sealed concrete surfaces
- May be used on cedar shakes, cedar siding, redwood (*Not approved for use in California*)
- May be used on sealed stone, concrete and asphalt driveway and surfaces
- Contains no phosphates
- Deodorizes
- Leaves no residue
- Scent free
- Chlorine free
- Activated Peroxygen treatment
- Effectively eliminate offensive odors caused by mold and mildew
- Controls the growth of odor-causing and slime forming bacteria
- A treatment for the prevention and control of algae & cyanobacteria in waters.
- Easy to use.
- Effective over a wide range of pH conditions.
- Reduces organic build-up and noxious odors including hydrogen sulfide.
- Controls algae blooms.
- Controls odors.
- Roof and siding cleaner.
- Controls the growth of odor-causing and slime forming bacteria
- Effective over a wide range of pH conditions
- Kills algae
- Non harmful to fish or aquatic life
- May be used in water features containing fish and plants
- Keeps water clean

- Rids water of algae
- Removes algae on contact
- Treats, controls, and prevents algae
- Use on water gardens, ornamental ponds, waterfalls, fountains, or stone water features
- Alternative to copper-based products
- Liquid algaecide for treating waterscapes
- Enhance water's quality and appearance
- Kills stubborn algae
- Removes algae from your water
- Algae control
- Pond algaecide
- Kills stubborn algae
- Reduces algae growth
- Inhibits growth of many types of algae
- Will not harm plants
- Contains no metals
- For use in water containing fish
- For pristine water
- For algae-free water
- Begins working immediately
- Eliminates algae
- Get rid of algae problems
- Non harmful to fish or aquatic life
- May be used in water features containing fish and plants
- Keeps water clean
- For use on water gardens, ornamental ponds, waterfalls, fountains
- For use on stone water features
- For use on Waterscapes
- For use on Pondless Waterfalls
- For use on Birdbaths
- Inhibits Growth of Algae
- Eradicate String Algae on contact
- Control Algae on rocks and gravel
- 32 fl oz container treats over 15,000 gallons
- Outdoor Algae Treatment
- Outdoor Algaecide
- Algae removal on hard non-porous surfaces around your home
- Removes algae, moss, and mold
- Works on contact
- For use on sealed or painted outdoor furniture, retaining walls, stone, asphalt, poolsides, or any concrete surface
- For use on sealed or painted Planters, Fences, Gravel
- Kills algae on roofs, siding, patios, retaining walls and buildings
- Outdoor cleaner for algae, moss, mold, and mildew
- Cleans and removes algae
- Ready to spray nozzle

- Hooks up to your garden hose for easy application
- Easy to use hose application
- Removes Algae
- Algae Cleaner
- Algae Remover
- No Odor
- Non-Staining
- Eliminates and Prevents regrowth
- Will not harm plants
- Effectively controls moss and algae without using any synthetic chemicals that may be damaging to soil biology.
- Begins to work immediately upon application
- Does not harm roofs or siding
- Controls algae on roofs, sidewalks and siding
- Remove algae and stains from statuary and fountains
- Chlorine-free
- Phosphate- free
- May be used in pressure washers
- 32 fl oz makes up to 25 gallons of solution.
- For Patios, Decks and Siding
- Easy Spray Application
- No Harmful Residues
- 32 oz Covers 1500 Feet
- Hardscape treatment
- Fungicide /Bactericide
- Moss, Mold and Mildew Treatment
- Mold & mildew treatment for awnings
- Treatment for barns, stalls and trailers
- Treatment for watering troughs & buckets
- Truck & Trailer Wash
- Use on outdoor patio furniture
- Grill cover treatment
- Tent mold and mildew treatment (*Not approved for use in California*)
- Odor control for garbage cans and recycling containers
- Playscape treatments (*Not approved for use in California*)
- Composite decks
- Will not harm plants & lawns
- Shrub & Tree Treatment
- For Bedding plants
- Effective Fungicide
- Effective Bactericide
- Won't burn plants
- Controls plant diseases such as: Downy Mildew, Powdery Mildew, Leaf Blight, and Anthracnose
- Effective on Dollar Spot, and Brown Patch
- Controls Diseases such as: Anthracnose, Brown Spot, Dollar Spot, and Summer Patch
- Effective on all types of Turf grasses



- Liquid Algaecide
- Plant, Turf and Garden Disease Treatment
- Disease Treatment for Plants, Trees, & Shrubs
- Garden & Orchard Disease Treatment
- Treatment for Healthier Fruits & Vegetables
- No Mixing Required
- Treatment for Turf Diseases
- (1 gallon) (5 gallon) concentrate can be used to refill our convenient 32 oz. ready-to-use, hose-end spray bottle.
- Refillable container
- For refilling the GreenClean 6% 32 oz. hose-end spray bottle
- (1 gallon) (5 gallon) concentrate
- Plant Disease Treatment for healthier flowers, shrubs & lawns
- Garden Disease Treatment for healthier fruits and vegetables
- Treats up to 12,000 sq. ft.
- Hooks up to your garden hose
- Use GreenClean 6% Liquid to control plant diseases on bedding flowers, shrubs, trees, and lawns.
- Plant and Turf Disease Treatment
- Garden Disease Treatment
- Activated Peroxygen treatment begins working immediately
- Effectively eliminates offensive odors caused by mold and mildew
- Controls the growth of odor-causing and slime-forming bacteria
- Easy to use application rates
- Irrigation Line treatment
- Will not leave grit or soap scum
- Antibacterial
- Activated Peroxygen treatment
- Leaves no residue
- Chlorine free
- Prevents and controls spoilage causing bacteria and fungus on fruits and vegetables
- For use in fruits and vegetable wash waters to control and prevent spoilage
- Helps keeps fruits and vegetables fresher longer
- Cleans fruits and vegetables.
- A post harvest treatment for fruits and vegetables and other agricultural crops in dump tanks, hydro coolers and process waters.
- A treatment for surfaces, equipment and structures used in processing post-harvest commodities.
- Broad Spectrum Bactericide/Fungicide
- Biodegradable

**Sublabel B: Residential Directions for Use**

# GreenClean 6% Liquid

*(Alternate Brand Names: GreenClean 6% Liquid Microbiocide, OxiDate Ready To Spray, ZeroTol Ready To Spray, GreenClean FX, StorOx Ready To Spray, GreenClean for Ponds, GreenClean FX Hardscapes, GreenCleanFX Liquid Algaecide, GreenClean FX Moss, Mold, and Mildew Treatment, ZeroTol Ready to Spray Turf & Ornamental, BioSafe Disease Control, StorOx Fruit and Vegetable Wash, GreenClean Fruit and Vegetable Wash, StorOx Ready to Use)*

**ACTIVE INGREDIENTS:**

Hydrogen Peroxide. .... 5.34%

Peroxyacetic Acid ..... 1.36%

**OTHER INGREDIENTS:...** 93.30%

**Total:.....**100.00 %

**KEEP OUT OF REACH OF CHILDREN  
DANGER-PELIGRO**

*Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand this label, find someone to explain it to you in detail.)*

FIRST AID	
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 – 20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15 – 20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call poison control center or doctor for treatment advice.</li> </ul>
<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.	
<b>NOTE TO PHYSICIAN</b> - Probable mucosal damage may contraindicate the use of gastric lavage.	

See (back) (side) (inside) panel for first aid, additional precautionary statements and directions for use.

**Sold by:** BioSafe Systems LLC, 22 Meadow Street, East Hartford, CT 06108; (888) 273-3088

**EPA Registration No.:** 70299-16 Batch Code \_\_\_\_\_

**EPA Establishment No.:** 070299-CT-001, 067441-IL-001, 089546-NV-001

**Net Contents:** (16 fl. oz., 17 fl. oz., 32 fl. oz., 1 and 5 gallon(s))

## PRECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS- DANGER: Corrosive.** Causes irreversible eye damage. Do not get in eyes, on skin or on clothing. Wear protective eyewear (goggles, face shield or shielded safety glasses). Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing spray. Wash thoroughly with soap and water immediately after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse. When prolonged or repeated contact may occur, use chemically resistant gloves and full body clothing.

### ENVIRONMENTAL HAZARDS

Do not contaminate water when cleaning equipment or disposing of equipment wash water or rinsate.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the state or tribal agency responsible for pesticide regulation.

GreenClean 6% Liquid is not to be combined or mixed with any other pesticide concentrates.

*Fogging and foaming applications are not approved for use in California.*

## WATER TREATMENT

**CONTAINERIZED WATERS (with no outflow to the natural environment)** - To suppress, control and prevent algae and cyanobacteria in containerized waters such as Water Gardens, Fish Ponds, Ornamental Pools/Ponds, Ornamental Waterfalls, Fountains.

Waters treated with GreenClean 6% Liquid are permissible to be used without interruption.

## APPLICATION RATES

Treatment	Teaspoons GreenClean 6% Liquid / 50 gallons	Fluid Ounces GreenClean 6% Liquid / 500 gallons
Preventative	1	1.7
Curative	2	3.4

## APPLICATION INSTRUCTIONS

- 1) Apply early in the morning under sunny, calm conditions.
- 2) Measure the pH of water before adding GreenClean 6% Liquid. If pH is below 7.0, adjust the water pH to between 7.0 and 8.0.
- 3) Add one – two teaspoons per 50 gallons of pond/fountain water. Distribute recommended dose as evenly as possible to several areas around the pond/fountain

so product evenly disperses throughout the pond/fountain. GreenClean 6% Liquid may also be mixed in a bucket of pond/fountain water and evenly distributed around the pond or fountain.

- 4) Do not shut off pump(s) or aeration device(s); aeration must be continuous during treatment for 48 hours.
- 5) Repeat dose every 3 days until algae is under control. Once algae is controlled, apply dose once a week.

Removing excessive algae growth from pond/fountain will reduce the amount of decaying organic matter in the pond.

## **SURFACE TREATMENT**

Use GreenClean 6% Liquid on all listed hard, non-porous surfaces, to suppress/control odor-causing bacteria, algae, fungi, moss, mold and mildew, and the odors and conditions that these organisms cause.

Hard, non-porous application surfaces or items include:

Greenhouses, Floors, Walkways, Walls, Storage Areas, Patios, Decks, Railings, Roofs, Asphalt Shingles, Siding, Stairs, Ramps, Sealed Concrete, Linoleum, Formica, Vinyl, Glazed Porcelain, Plastic, Sealed Fiberglass, Polyethylene, CPVC, PVC, Aluminum, Steel, Stainless Steel, Sealed Wood, and Glass. Brick, Stone, Landscape Pavers, Glazed Tile, Slate, Granite, Statues/Monuments, Outdoor Furniture, Tennis Courts (non-grass), Under Benches.

### ***(For hose-end sprayer)***

- 1) Sweep and remove all debris.
- 2) Attach GreenClean 6% Liquid hose-end sprayer to the end of a garden hose and turn on water.
- 3) Set hose-end sprayer to "H2O" setting (water only) and spray all surfaces to remove loose dirt.
- 4) Set hose-end sprayer to "Mix" setting and thoroughly wet all surface with solution.
- 5) Allow treated items and/or surfaces to remain wet with solution for one (1) minute.
- 6) Allow treated items and/or surfaces to air dry. Do not rinse.
- 7) Scrub off heavy growths of algae and fungi following application. Re-treat with solution to wash away dead growth.
- 8) Turn water off and detach hose-end sprayer when not in use.

### **To Refill Hose-end Sprayer Bottle With Concentrate:**

- 1) Remove spray applicator from empty hose-end sprayer.
- 2) Wear rubber gloves when handling concentrate.
- 3) Unscrew cap on refill concentrate and pour contents directly into empty hose-end sprayer.
- 4) Replace spray applicator on hose-end sprayer, hook hose onto spray unit and use according to directions.

### ***(For non hose-end sprayer containers)***

- 1) Sweep and remove all debris. Use power sprayer to wash all surfaces to remove loose dirt.
- 2) Use a dilution of 1:150 or 0.85 fl. oz. of GreenClean 6% Liquid per gallon of water.

- 3) Apply solution with mop, sponge, pump or power sprayer or fogger to thoroughly wet all surfaces.
- 4) Allow to remain wet with solution for one (1) minute. Air dry. Do not rinse.
- 5) Scrub off heavy growths of algae and fungi following application. Use a solution of GreenClean 6% Liquid to wash away dead growth.

Reapply as often as needed for control.

*(Optional text for labels that include greenhouse uses)*

**TREATMENT OF GREENHOUSE SURFACES AND EQUIPMENT** - (glazing, plastic, pots, flats, trays, cutting tools, benches, work areas, walkways, floors, walls, fan blades, watering systems, coolers, storage rooms, structures and equipment) – Use GreenClean 6% Liquid to control algal, fungal and slime forming bacterial growth. Clean surfaces before treatment. Sweep and remove all plant debris, and use power sprayer to wash all surfaces to remove loose dirt. Use a dilution of 1:150 or 0.85 fl. oz. of GreenClean 6% Liquid per gallon of water for all non-porous surfaces that have been pre-cleaned with water. Apply solution with mop, sponge, power sprayer or fogger to thoroughly wet all surfaces. Cutting tools may be soaked to ensure complete coverage. Allow to remain wet with solution for one (1) minute. Allow items and/or surfaces to air dry. Do not rinse. Heavy growths of algae and fungi may have to be scrubbed off following application. Repeat treatment as required to maintain control.

## **APPLICATION METHODS**

### **SPOT TREATMENT:**

- 1) Refer to Surface Treatment instructions (above) when mixing, preparing treatment area and applying.
- 2) Apply GreenClean 6% Liquid solution directly over the infested area, thoroughly wetting treated surface spot, item or area.
- 3) Allow contact time of 1 minute and let air dry.
- 4) Re-treatment is required when heavy growth occurs.

### **LIQUID TREATMENT:**

- 1) Refer to Surface Treatment instructions (above) when mixing, preparing treatment area and applying
- 2) Apply GreenClean 6% Liquid solution directly over the infested area, thoroughly wetting treated items and surface areas.
- 3) Allow contact time of 1 minute and let air dry.
- 4) Re-treatment is required when heavy growth occurs.

### **FOAM:**

- 1) Refer to Surface Treatment instructions (above) when mixing, preparing treatment area and applying.
- 2) Mix Foaming Agent solution to manufacturer-specified rate.
- 3) Use a Foaming Device, such as the BioSafe BioFoamer<sup>®</sup>, to apply.
- 4) Apply GreenClean 6% Liquid foam directly over the infested area, thoroughly covering treated items and surface areas with the foam treatment.
- 5) Allow contact time of 1 minute and let air dry.
- 6) Re-treatment is required when heavy growth occurs.

## **FOLIAR TREATMENTS**

Use GreenClean 6% Liquid as a fungicide/bactericide to prevent/treat/control plant diseases on all flowering plants, ornamentals, house plants, vegetable, berry and fruit plants, trees, shrubs and lawns.

GreenClean 6% Liquid works immediately on contact with any plant surfaces for the control / suppression of fungi and bacteria: Downy Mildew, Powdery Mildew, Leaf Blight, Anthracnose, *(Not Approved For Use in California: Botrytis, Xanthomonas, Rhizoctonia, Leaf Spot, and Pseudomonas)*. Apply GreenClean 6% Liquid to ornamentals, bedding plants, vegetable plants, flowering plants, shrubs, and trees. To ensure that this contact fungicide is effective, thorough coverage and wetting of the foliage, including the undersides of leaves is necessary. Reapply as often as needed for control.

Care should be taken when using GreenClean 6% Liquid for curative control of obligate organisms living on the plant tissue (such as Downy Mildew and Powdery Mildew). These treatments may result in lesions on plant tissue. GreenClean 6% Liquid will oxidize parasitic organisms living in plant tissue that are not always visible to the naked eye. Resulting oxidative effects may include spotting, or drying of the plant tissue where organisms inhabited tissue.

### **Non Hose-End Sprayer Application:**

#### Initial Application:

- 1) Use a dilution of 1:150 or 0.85 fl. oz. of GreenClean 6% Liquid to one gallon of water. Do not reuse already mixed solution, make fresh daily.
- 2) Spray, mist or fog plants in early morning or late evening.
- 3) Thoroughly wet all surfaces of plant, upper and lower foliage, including stems, branches and stalks to ensure full contact with plant and flower tissue.
- 4) Apply consecutive applications until control is achieved and then follow directions for preventative treatment.

#### Weekly Preventative Treatment:

- 1) Use a dilution of 1:200 or 0.64 fl. oz. of GreenClean 6% Liquid per gallon of clean water.
- 2) Spray, mist or fog plants.
- 3) Thoroughly wet all surfaces of plant, upper and lower foliage, including stems, branches and stalks.
- 4) Spray every five to seven days as a preventive treatment.

At the first sign of disease spray daily with a 0.85 fl. oz. per gallon of water for three consecutive days and then resume weekly preventative treatment.

### **Hose-end Sprayer Application:**

- 1) Attach GreenClean 6% Liquid hose-end sprayer to the end of a garden hose and turn on water.
- 2) Set hose-end sprayer to "H2O" setting (water only) and spray all surfaces to remove loose dirt.
- 3) Set hose-end sprayer to "Mix" setting and thoroughly wet all surface with solution.
- 4) Allow treated items and/or surfaces to remain wet with solution for one (1) minute.
- 5) Allow treated items and/or surfaces to air dry. Do not rinse.
- 6) Turn water off and detach hose-end sprayer when not in use.

### **To Refill Hose-end Sprayer Bottle With Concentrate:**

- 1) Remove spray applicator from empty hose-end sprayer.
- 2) Wear rubber gloves when handling concentrate.
- 3) Unscrew cap on refill concentrate and pour contents directly into empty hose-end sprayer.
- 4) Replace spray applicator on hose-end sprayer, hook hose onto spray unit and use according to directions.

## **HYDROPONIC AND AQUAPONICS TREATMENTS**

***(Not Approved For Use in California)***

Use GreenClean 6% Liquid in hydroponic and aquaponic systems to prevent/control algae. Use this product to prevent/control plant root rot diseases caused by water borne and water transmitted plant pathogens: *Pythium & Phytophthora*. ***(except in California)***.

1. Add 1-2 teaspoons of GreenClean 6% Liquid per 50 gallons of water/nutrient solution.
2. For established algae, or root diseases use higher rates every three days until control is maintained.
3. Allow water/nutrient solution to continuously flow during treatment for uniform distribution across the entire hydroponic/aquaponic system.
4. Check the pH of the water each time product is added and before applying to the system. If pH is low, immediately buffer to a pH that is ideal for plants and/or fish.
5. Apply GreenClean 6% Liquid every time fresh nutrient solution or make up water is added to the system. Use lower application rates on a weekly basis to prevent algae and/or root diseases.

Note: GreenClean 6% Liquid has not been tested on all plant species; it is always advisable to test GreenClean 6% Liquid on a small number of plants before treating large numbers. Do not apply to wilted plants.

## **TURF TREATMENTS**

**TURF AND LAWNS** - Use on well-established lawns, to control / suppress algae, bacterial and fungal diseases, and the odors and conditions that these organisms may cause.

- Broad-spectrum treatment for control of algae, fungi and bacteria on turf, as well as synthetic and artificial turf.
- Use GreenClean 6% Liquid to treat / prevent the bacterial/fungal diseases including but not limited to: *Anthraxnose*, *Brown Spot*, *Dollar Spot*, *Summer Patch*, ***(Not Approved for Use in California: Copper Spot, Strip Smut, Take-All Patch, Leaf Spot, Fusarium, Fairy Ring, Pink Snow Mold, Pythium, Phytophthora, Rhizoctonia)***. Use GreenClean 6% Liquid to treat algae, slime molds, and scum.
- For use on all turf types such as commercial turf, lawns, athletic fields and golf course fairways, greens and tees.
- GreenClean 6% Liquid controls on contact.

**For Spray Application:** Dilute 1.3 fl oz of GreenClean 6% Liquid per gallon of clean water. Spray this solution on the desired area of the lawn. Three to ten gallons of diluted solution treats approximately 1000 square feet of lawn area.

**Hose-end Sprayer Application:**

- 1) Attach GreenClean 6% Liquid hose-end sprayer to the end of a garden hose and turn on water.
- 2) Set hose-end sprayer to “H2O” setting (water only) and spray all surfaces to remove loose dirt.
- 3) Set hose-end sprayer to “Mix” setting and thoroughly wet all surface with solution.
- 4) Allow treated items and/or surfaces to remain wet with solution for one (1) minute.
- 5) Allow treated items and/or surfaces to air dry. Do not rinse.
- 6) Turn water off and detach hose-end sprayer when not in use.

**To Refill Hose-end Sprayer Bottle With Concentrate:**

- 1) Remove spray applicator from empty hose-end sprayer.
- 2) Wear rubber gloves when handling concentrate.
- 3) Unscrew cap on refill concentrate and pour contents directly into empty hose-end sprayer.
- 4) Replace spray applicator on hose-end sprayer, hook hose onto spray unit and use according to directions.

Note: For best results, apply immediately after grass has been cut. Optimum treatment time is early morning or late afternoon.

**(Note to reviewer: Language in [ ] is optional)**

**STORAGE AND DISPOSAL**

**PESTICIDE STORAGE**

Store in original container in a cool, dry well-vented area, away from direct sunlight. Do not allow product to become overheated in storage. Do not store in a manner where cross-contamination with other pesticides or fertilizers could occur.

**PESTICIDE DISPOSAL AND CONTAINER HANDLING**

**[For pourable non refillable containers:]**

Nonrefillable container. Do not reuse or refill this container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**[For hose-end sprayer:]**

Nonrefillable container. Do not reuse or refill this container except as allowed in the directions for use when using the hose-end sprayer. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.



## CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

This product is reasonably fit for the purposes described on the label when used in strict accordance with label instructions. The manufacturer is not responsible for any use of this product that is contrary to the label instructions on the container, or under abnormal conditions that are not reasonably foreseeable by the manufacturer and or seller. The buyer assumes all risk associated with use beyond label instructions or under abnormal conditions.

### Optional Label Claims:

- Microbiocide
- Algaecide
- Fungicide
- Bactericide
- Ready to Spray
- Roofing and Siding Treatment
- Marine and Boat Treatment
- Post Harvest Treatment
- Moss and algae control
- Heavy moss and algae deposits will often require a second application
- Textured surfaces may require scrubbing
- May discolor copper roofing and trim
- Liquid solutions have six-hour shelf life
- Brightens mold stained decking and wood
- Kills bacteria and fungi that cause odors
- Maybe used on sealed clay tiles, sealed Terracotta, sealed slate and sealed concrete surfaces
- May be used on cedar shakes, cedar siding, redwood (*Not approved for use in California*)
- May be used on sealed stone, concrete and asphalt driveway and surfaces
- Contains no phosphates
- Deodorizes
- Leaves no residue
- Scent free
- Chlorine free
- Activated Peroxygen treatment
- Effectively eliminate offensive odors caused by mold and mildew
- Controls the growth of odor-causing and slime forming bacteria
- A treatment for the prevention and control of algae & cyanobacteria in waters.
- Effective over a wide range of pH conditions.
- Reduces organic build-up and noxious odors including hydrogen sulfide.
- Controls algae blooms.
- Controls odors.
- Roof and siding cleaner.
- Controls the growth of odor-causing and slime forming bacteria
- Effective over a wide range of pH conditions
- Kills algae

- Non harmful to fish or aquatic life
- May be used in water features containing fish and plants
- Keeps water clean
- Rids water of algae
- Removes algae on contact
- Treats, controls, and prevents algae
- Use on water gardens, ornamental ponds, waterfalls, fountains, or stone water features
- Alternative to copper-based products
- Liquid algaecide for treating waterscapes
- Enhance water's quality and appearance
- Kills stubborn algae
- Removes algae from your water
- Algae control
- Pond algaecide
- Kills stubborn algae
- Reduces algae growth
- Inhibits growth of many types of algae
- Will not harm plants
- Contains no metals
- For use in water containing fish
- For pristine water
- For algae-free water
- Begins working immediately
- Eliminates algae
- Get rid of algae problems
- Non harmful to fish or aquatic life
- May be used in water features containing fish and plants
- Keeps water clean
- For use on water gardens, ornamental ponds, waterfalls, fountains
- For use on stone water features
- For use on Waterscapes
- For use on Pondless Waterfalls
- For use on Birdbaths
- Inhibits Growth of Algae
- Eradicate String Algae on contact
- Control Algae on rocks and gravel
- 32 fl oz container treats over 15,000 gallons
- Outdoor Algae Treatment
- Outdoor Algaecide
- Algae removal on hard non-porous surfaces around your home
- Removes algae, moss, and mold
- Works on contact
- For use on sealed or painted outdoor furniture, retaining walls, stone, asphalt, poolsides, or any concrete surface
- For use on sealed or painted Planters, Fences, Gravel
- Kills algae on roofs, siding, patios, retaining walls and buildings

- Outdoor cleaner for algae, moss, mold, and mildew
- Cleans and removes algae
- Ready to spray nozzle
- Hooks up to your garden hose for easy application
- Easy to use hose application
- Removes Algae
- Algae Cleaner
- Algae Remover
- No Odor
- Non-Staining
- Eliminates and Prevents regrowth
- Will not harm plants
- Effectively controls moss and algae without using any synthetic chemicals that may be damaging to soil biology.
- Begins to work immediately upon application
- Does not harm roofs or siding
- Controls algae on roofs, sidewalks and siding
- Remove algae and stains from statuary and fountains
- Chlorine-free
- Phosphate- free
- May be used in pressure washers
- 32 fl oz makes up to 25 gallons of solution.
- For Patios, Decks and Siding
- Easy Spray Application
- No Harmful Residues
- Begins Working Immediately
- 32 oz Covers 1500 Feet
- Hardscape treatment
- Fungicide /Bactericide
- Moss, Mold and Mildew Treatment
- Mold & mildew treatment for awnings
- Treatment for barns, stalls and trailers
- Treatment for watering troughs & buckets
- Truck & Trailer Wash
- Use on outdoor patio furniture
- Grill cover treatment
- Tent mold and mildew treatment (*Not approved for use in California*)
- Odor control for garbage cans and recycling containers
- Playscape treatments (*Not approved for use in California*)
- Composite decks
- Will not harm plants & lawns
- Shrub & Tree Treatment
- For Bedding plants
- Effective Fungicide
- Effective Bactericide
- Won't burn plants

- Controls plant diseases such as: Downy Mildew, Powdery Mildew, Leaf Blight, and Anthracnose
- Effective on Dollar Spot, and Brown Patch
- Controls Diseases such as: Anthracnose, Brown Spot, Dollar Spot, and Summer Patch
- Effective on all types of Turf grasses
- Liquid Algaecide
- Plant, Turf and Garden Disease Treatment
- Disease Treatment for Plants, Trees, & Shrubs
- Garden & Orchard Disease Treatment
- Treatment for Healthier Fruits & Vegetables
- No Mixing Required
- Treatment for Turf Diseases
- (1 gallon) (5 gallon) concentrate can be used to refill our convenient 32 oz. ready-to-use, hose-end spray bottle.
- Refillable container
- For refilling the GreenClean 6% 32 oz. hose-end spray bottle
- (1 gallon) (5 gallon) concentrate
- Plant Disease Treatment for healthier flowers, shrubs & lawns
- Garden Disease Treatment for healthier fruits and vegetables
- Treats up to 12,000 sq. ft.
- Hooks up to your garden hose
- Use GreenClean 6% Liquid to control plant diseases on bedding flowers, shrubs, trees, and lawns.
- Plant and Turf Disease Treatment
- Garden Disease Treatment
- Activated Peroxygen treatment begins working immediately
- Effectively eliminates offensive odors caused by mold and mildew
- Controls the growth of odor-causing and slime-forming bacteria
- Easy to use application rates
- Promotes stronger roots and stems
- Protect root mass
- Increase yield and plant health by lowering disease pressure
- Compatible with fertilizers
- Will not affect the leaves
- Can be used on all stages of plant growth
- For Use on Flower, Fruit & Vegetable Plants
- Prevents and controls Downy Mildew, Powdery Mildew, Leaf Blight and Anthracnose on vegetables, fruits, flowers, foliage, trees, and shrubs.
- Contains No Harsh Chemicals
- A green thumb is good. A green brain is better.
- Made in America
- Harvest Same Day
- Treats up to 8,000 gallons of water
- Indoor/Outdoor Gardening
- H2O2
- Tough on plant disease
- Lowers disease pressure to increase plant stamina

- Suppresses plant pathogens: Downy Mildew, Powdery Mildew, Leaf Blight, and Anthracnose
- Disease & Algae Control
- Kills algae in contained water systems
- For contained water systems
- Great for use in hydroponic and aquaponics *(Not Approved for Use in California)*
- Great for hydroponics *(Not Approved for Use in California)*
- Controls and prevents algae in hydroponic and aquaponic systems *(Not Approved for Use in California)*
- Cleans hydroponic and aquaponic systems *(Not Approved for Use in California)*
- For algae-free hydroponic and aquaponic systems *(Not Approved for Use in California)*
- For Hydroponic use *(Not Approved for Use in California)*
- Will not harm fish or aquatic life in aquaponic systems *(Not Approved for Use in California)*
- Same chemistry used in commercial hydroponics *(Not Approved for Use in California)*
- Hydroponic and Aquaponic Treatment *(Not Approved for Use in California)*
- Suppresses root disease *(Not Approved for Use in California)*
- Controls plant diseases in indoor and outdoor hydroponics *(Not Approved for Use in California)*
- Suppresses plant diseases in hydroponics *(Not Approved for Use in California)*
- Controls *Pythium & Phytophthora* in hydroponic systems *(Not Approved for Use in California)*
- For disease-free hydroponic systems *(Not Approved for Use in California)*
- Tough on root disease *(Not Approved for Use in California)*
- Control root rot diseases in hydroponic systems *(Not Approved for Use in California)*
- Prevent root rot diseases in hydroponic systems *(Not Approved for Use in California)*