

70299-16

9/6/2012

1/27



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

BioSafe Systems, LLC
22 Meadow Street
East Hartford, CT 06108

SEP 6 2012

Attention: Donna Bishel
Regulatory Specialist

Subject: GreenClean 6% Liquid
EPA Reg. No. 70299-16
Notification Letter Dated August 2, 2012

This will acknowledge receipt of your notification for the aforementioned product labels, submitted under the provisions of FIFRA Section 3(c) (9). Based on a review of the submitted material, the following apply:

- Revising Storage and Disposal language

The Notification is in compliance with PR Notice 98-10 and is acceptable. This information has been made a part of your file.

If you have any questions concerning this letter, please contact Demson Fuller at (703) 308-8062.

Sincerely,

A handwritten signature in black ink that reads "Marshall Swindell".

Marshall Swindell
Product Manager (33)
Regulatory Management Branch 1
Antimicrobials Division (7510C)

2/27

Please read instructions on reverse before completing form

Form Approved. OMB 1070-0080, Approval expires 2-28-95



United States
Environmental Protection Agency
Washington, DC 20460

Registration
 Amendment
 Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 70299-16	2. EPA Product Manager Marshall Swindell	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) GreenClean 6% Liquid	PM# 33/Antimicrobial Division	
5. Name and Address of Applicant (Include ZIP Code) BioSafe Systems, LLC 22 Meadow Street East Hartford, CT 06108 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of Storage and Disposal statements per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<input type="checkbox"/> Metal	<input checked="" type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt No. per container	<input type="checkbox"/> Glass	<input type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 16, 17, 32 fl oz, 1 and 5 gallon(s)		5. Location of Label Directions <input checked="" type="checkbox"/> on container label	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued Stenciled				<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Donna Bishel / dbishel@biosafesystems.com	Title Technical Director	Telephone No. (Include Area Code) (410) 878-7700
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Technical Director for BioSafe Systems	
4. Typed Name Donna Bishel / dbishel@biosafesystems.com	5. Date August 2, 2012	

Marshall Swindell
Product Manager 33
Antimicrobial Division (7504P)
Office of Pesticide Products
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

August 2, 2012

**RE: GreenClean 6% Liquid
EPA Registration No. 70299-16**

Notification to update Storage and Disposal per PRN 2007-4

Dear Mr. Swindell:

BioSafe Systems hereby submits the enclosed notification to revise the Storage and Disposal Statements per PRN 2007-4 for the afore-mentioned product. No other label changes have been made.

Enclosed with this submission you will find the following:

- 1) Notification form;
- 2) One (1) copy of the revised label with all changes highlighted in redline;
- 3) Three (3) clean copies of the label.

This notification is to enact the following:

- Page 9 of the Master Label – Addition of revised Storage and Disposal information to include separate instructions for pourable container and hose end sprayer.
- Page 19 of the Master Label – Addition of revised Storage and Disposal information to include separate instructions for pourable container and hose end sprayer.

All of these changes are:

- a. Consistent with PR Notice 98-10 and 40 CFR Part 156; and
- b. Involve no change in the ingredients statement, signal word, use classification, precautionary statements, First Aid, physical/ chemical/ biological properties, storage and disposal, or directions for use advisory and mandatory language.
- c. Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR §§ 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of 40 CFR §§ 156.10, 156.140, 156.144,

156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Please contact me directly if you have any questions or comments.

Sincerely,



Donna Bishel
Technical Director for BioSafe Systems, LLC
Direct dial (410) 878-7700; email dbishel@biosafesystems.com

Handwritten scribbles and marks at the bottom right of the page.

Sublabel A: Commercial Directions for Use

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 should not be combined or mixed with any other pesticide concentrates.

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

This product is not intended as treatment against any public health organism for any use on this label.

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

GreenClean 6% Liquid; EPA Reg. No. 70299-16

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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(ft) x W(ft) x D(ft) x 7.5 = Gallons
L(m) x W(m) x D(m) x 1000 = Liters

Circular/Elliptical:
L(ft) x W(ft) x D(ft) x 5.9 = Gallons
L(m) x W(m) x D(m) x 786 = Liters

Avg. Length (ft) x Avg. Width (ft)
43,560 = acres

APPLICATION METHODS

In bodies of water where an aerator is available, and when treating the entire water volume, dose at the edges, 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.

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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 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.

POST HARVEST TREATMENTS

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.

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.

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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.

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.

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.

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- 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 if surfaces that are to be treated have not been pre-cleaned with water to remove organic deposits.
- 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:

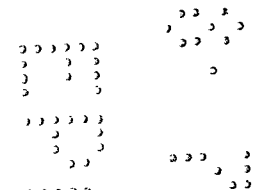
Make a solution with GreenClean 6% Liquid (refer to foam application rates). Spray this solution on the desired treatment surface. Use a foamer, such as the BioSafe BioFoamer, to apply.

HOSE END SPRAYER:

Follow use directions on manufacturers 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 From Concentrate:

- 1) Remove spray applicator from empty hose end sprayer.
- 2) Wear rubber gloves when handling concentrate.



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- 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: *Botrytis*, Downy Mildew, Powdery Mildew, Leaf Spot, Leaf Blight, *Xanthomonas*, Anthracnose, *Rhizoctonia*, 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.

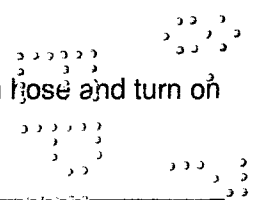
Weekly Preventative Treatment:

- 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.



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- 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.

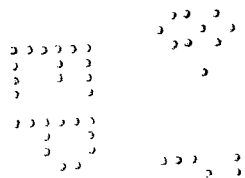
- Broad spectrum treatment for control of algae, fungi and bacteria on turf, as well as synthetic and artificial turf.
- Use GreenClean 6% Liquid to treat / prevent the bacterial/fungal diseases including but not limited to: *Anthracnose*, Brown Spot, Dollar Spot, Copper Spot, Summer patch, Strip Smut, 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 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.



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

STORAGE AND DISPOSAL

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

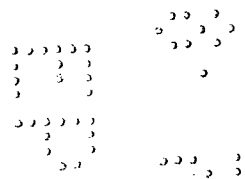
PESTICIDE STORAGE
Store this product in a cool place. Keep out of direct sunlight. Do not freeze.

PESTICIDE DISPOSAL AND CONTAINER HANDLING
[For pourable non refillable containers:]
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. If empty: Place in trash or offer for recycling if available. If partly filled: Call you local solid waste authority 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. Triple rinse container (or equivalent) promptly after emptying. If empty: Place in trash or offer for recycling if available. If partly filled: Call you local solid waste authority 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.



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- 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
- Meets National Organic Program standards
- 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
- Kills plant diseases such as: Botrytis, Downy Mildew, Powdery Mildew, Leaf Spot, Leaf Blight, Xanthomonas, Anthracnose, Rhizoctonia, and Pseudomonas
- Effective on Dollar Spot, Brown Patch, Fairy Ring
- Kills Disease such as: Anthracnose, Brown Spot, Dollar Spot, Copper Spot, Summer Patch, Stripe Smut, Take-All Patch, Leaf Spot, Fusarium, Fairy Ring, Pink Snow Mold, Pythium, Phytophthora, Rhizoctonia.
- Effective on all types of Turf grasses
- Liquid Algaecide
- Plant, Turf and Garden Disease Treatment

GreenClean 6% Liquid; EPA Reg. No. 70299-16

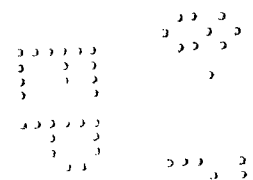
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- Disease Treatment for Plants, Trees, & Shrubs
- Garden & Orchard Disease Treatment
- Treatment for Healthier Fruits & Vegetables
- No Mixing Required
- Treatment for Turf Diseases
- (1 gallon) (5 gallon) concentrate can be used to refill our convenient 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



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Sublabel B: Residential Directions for Use

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 should not be combined or mixed with any other pesticide concentrates.

This product is not intended as treatment against any public health organism for any use on this label.

Fogging applications 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
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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.

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To Refill Hose End Sprayer Bottle From 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 if surfaces that are to be treated have not been pre-cleaned with water to remove organic deposits.
- 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

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- 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®, 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 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: *Botrytis*, Downy Mildew, Powdery Mildew, Leaf Spot, Leaf Blight, *Xanthomonas*, Anthracnose, *Rhizoctonia*, and *Pseudomonas*. Apply GreenClean 6% 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 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.

To Refill Hose End Sprayer Bottle From 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: 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: *Anthracoese*, Brown Spot, Dollar Spot, Copper Spot, Summer patch, 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.

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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 From 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 this product in a cool place. Keep out of direct sunlight. Do not freeze.

PESTICIDE DISPOSAL AND CONTAINER HANDLING

[For pourable non refillable containers:]

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.

[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.

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- 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
- Meets National Organic Program standards
- 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
- Kills plant diseases such as: Botrytis, Downy Mildew, Powdery Mildew, Leaf Spot, Leaf Blight, Xanthomonas, Anthracnose, Rhizoctonia, and Pseudomonas
- Effective on Dollar Spot, Brown Patch, Fairy Ring
- Kills Disease such as: Anthracnose, Brown Spot, Dollar Spot, Copper Spot, Summer Patch, Stripe Smut, Take-All Patch, Leaf Spot, Fusarium, Fairy Ring, Pink Snow Mold, Pythium, Phytophthora, Rhizoctonia.
- Effective on all types of Turf grasses
- Liquid Algaecide
- Plant, Turf and Garden Disease Treatment

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