

# SPECIMEN LABEL

For indoor or outdoor uses.

#### **ACTIVE INGREDIENT:**

Sodium Carbonate Peroxyhydrate*	85.00%
Other Ingredients:	15.00%
Total:	100.00%
*Contains 27.60% Hydrogen Dioxide by weight.	

## 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**

*IF IN EYES:* Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

*IF ON SKIN OR CLOTHING:* Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

*IF SWALLOWED:* Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call poison control center or doctor for treatment advice.

**HOTLINE NUMBER:** 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 medial treatment information.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage.

**Sold by:** BioSafe Systems LLC 22 Meadow St East Hartford, CT 06108 EPA Registration No. 70299-6 EPA Establishment No. 0727-AL-007

## PRECAUTIONARY STATEMENTS

## HAZARDS TO HUMAN AND DOMESTIC ANIMALS - DANGER: Corrosive.

Causes irreversible eye damage. Harmful if swallowed, inhaled or absorbed through skin. Do not get in eyes, on skin or on clothing. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

## $\label{personal protective equipment (PPE)} Applicators and handlers \ must \ we ar:$

- Coveralls over long-sleeved shirt and long pants
- Protective eyewear (goggles or face shield)
- Chemical resistant gloves and
- Chemical resistant footwear plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions exist for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

## **USER SAFETY RECOMMENDATIONS:** Users should:

- Wash hands thoroughly with soap and water before eating, drinking, chewing gum, using tobacco or using the toilet,
- Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

#### **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to birds. Do not contaminate water when disposing of equip-

ment washwaters or rinsate. This product is highly toxic to bees and other beneficial insects exposed to direct contact on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area. Do not apply this product or allow it to drift to crops where beneficials are part of an integrated pest management strategy.

#### PHYSICAL AND CHEMICAL HAZARDS

Strong oxidizing agent. **Corrosive**. Wet product decomposes exothermically and may cause combustion of organic materials. Pressure burst may occur due to decomposition in confined spaces or containers. Do not bring 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. For any requirements specific to your State or Tribe, consult the state or tribal agency responsible for pesticide regulation. 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.

Avoid use near shallow waterbody margins during amphibian breeding seasons.

## AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted entry intervals (REI). The requirements in this box apply to uses of this product that are covered by the Worker Protection Standard. by the Worker Protection Standard.

For enclosed environments: There is a restricted entry of one (1) hour for this product when applied via spraying or foaming on hard surfaces in enclosed environments. PPE requirement for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is coveralls, waterproof gloves and shoes plus socks.

There is a restricted entry of zero (0) hours for spreading, broadcasting, spot treatment, injection or other non-spraying or non-foaming application methods when used in enclosed environments.

For water treatment and applications in non-enclosed environments: Keep unprotected persons out of treated areas until sprays have dried or dusts have settled.

### Non-Agricultural Use Requirements

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Keep unprotected persons out of treated areas until sprays have dried or dusts have settled.

Apply GreenCleanPRO Granular Algaecide/ Fungicide to any listed water or surface sites.

This product kills/controls odor-causing bacteria, slime-forming bacteria, fungi (mold and mildew), and algae. This product does not protect users or others against food-borne bacteria, disease causing bacteria or fungal infections.

#### **Application Sites Include:**

Farms, Sod Farms, Rice Paddies and Fields, Aquaculture Production Facilities,

Fisheries, Hatcheries, Greenhouses, Nurseries, Golf Courses, Amusement Parks, Water Parks, Aquariums, Zoos, Botanical Gardens, Parks, Recreational Areas, Non-Chlorinated Swimming Areas, Raceways, Sports Facilities, Business Parks, Indoor/Interiors, Malls, Hotels, Kennels, Livestock Barns, Livestock Stalls and Holding Pens, Cemeteries, Carwashes, Marinas, Boats, Docks, Garden Centers, Water Gardens, Landscapes, Municipalities, Reservoirs, Waterways, Storm Waters, Drainage Systems, Impounded Waters, and Wastewater.

## **Application Surfaces Include:**

#### WATER SURFACES

Ponds, Lakes, Lagoons, Fish Ponds, Stock Tanks, Golf Course Ponds, Industrial/Commercial Ponds, Impounded Waters, Standing Water, Bilge Water, Reservoir Water, Waterways, Conveyance Ditches, Canals, Laterals, Drainage Systems, Irrigation Systems, Irrigation Ponds, Catch Basins, Flooded Areas, Sewage Systems, Sewage Lagoons, Drain Fields, Fire Ponds, Watering Tanks, Storage Tanks, Water Collectors and Domestic/Commercial Waters

NON-PAINTED SURFACES: (Hard surface treatment not for use in California): Floors, Walkways, Storage Areas, Patios, Decks, Railings, Roofs, Farm Equipment, Post Harvest Equipment, Tools, Harvesting Equipment, Turf Equipment, Metal Structures, Greenhouse/Nursery Walkways, Floors, Walls, Greenhouse Benches, Fan Blades, Vats, Tanks, Coolers, Storage Rooms, Bins, Dumpsters, Elevators, Storage Areas, Spray Equipment, Conveyors, Irrigation Systems, Process Equipment, Asphalt Shingles, Siding, Fiberglass, Boats, Piers, Docks, Stairs, Ramps, Ground Cover Mats, Weed Control Mats, Animal Bedding and Litter, Concrete, Brick, Tile, Slate, Granite, Statues/Monuments, Outdoor Furniture, Tennis Courts (non-grass), Nursery Yards, Shorelines, Gravel, Dirt Floors, Under Benches, and Other Non-Painted Surfaces

#### WATER TREATMENT

Use GreenCleanPRO Granular Algaecide/Fungicide to treat, control, and prevent a broad spectrum of filamentous and planktonic blue-green algae. Effects of treatment are immediately apparent (bubbling, bleaching/discoloration of algae or fungus, floating of dead organic matter). Waters treated with GreenCleanPRO Granular Algaecide/ Fungicide are permissible to be used without interruption.

FOR STOCK TANKS AND LIVESTOCK WATER (This application is not approved for use in California) Use GreenCleanPRO Granular Algaecide/ Fungicide to suppress/control bacteria, algae, and fungi in stock tanks, stock watering ponds, tanks and troughs, and livestock water. Apply 2 to 10 tablespoons per thousand gallons of water. Product can be simply added to the body of water, for even distribution throughout the water column. Apply GreenCleanPRO Granular Algaecide/ Fungicide as needed to control and prevent algae growth; make applications more frequently in times of higher water temperatures.

FOR AGRICULTURAL SPRAY IRRIGATION WATER, IRRIGATION PONDS, DRAINAGE WATER AND DITCHES (This application is not approved for use in California) Use GreenCleanPRO Granular Algaecide/Fungicide to suppress / control bacteria, algae, and fungi in agricultural irrigation waters, irrigation ponds and drainage water and ditches. Apply 2 to 10 tablespoons per thousand gallons of water. Product can be simply added to the body of water, for even distribution throughout the water column.

**FOR SEWAGE WATER TREATMENT** (This application is not approved for use in California) Use GreenCleanPRO Granular Algaecide/Fungicide for the control of bacteria and the malodors caused by hydrogen sulfide gas. Apply 50-250 lbs. of GreenCleanPRO Granular Algaecide/Fungicide per million gallons of water. For lagoons, wait 24 hours before adding beneficial bacteria.

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

## CIRCULAR/ELLIPTICAL:

 $L(ft) \times W(ft) \times D(ft) \times 5.9 = Gallons$  $L(m) \times W(m) \times D(m) \times 786 = Liters$ 

## 1 ACRE-FOOT OF WATER =

- water measuring 208.7 ft long x 208.7 ft wide x 1 ft deep
- 43,560 cubic feet 325,851 gallons 2,780,000 pounds

 $\frac{\text{Avg. Length (ft)} \times \text{Avg. Width (ft)} \times \text{Avg. Depth (ft)}}{43,560} = \text{acre-feet of water}$ 

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

#### APPLICATION RATES:

## Full Water Volume Rate

GRANULAR: Large Volume For Example: Lakes, Ponds, Lagoons	HEAVY ALGAE GROWTH 50-250 pounds of GreenCleanPRO Granular Algaecide/ Fungicide per million gallons of water OR 20-90 pounds of GreenCleanPRO per acre-foot of water
	LOW ALGAE GROWTH/MAINTENANCE 5-25 pounds of GreenCleanPRO Granular Algaecide/ Fungicide per million gallons of water OR 2-9 pounds of GreenCleanPRO per acre-foot of water
GRANULAR: Small Volume	
	HEAVY ALGAE GROWTH  2-10 tablespoons of GreenCleanPRO Granular Algaecide/ Fungicide per 1000 gallons of water. (16 Tbs. = 1 Cup) (2 Cups = 1 lb.)

#### Surface Water Volume ONLY Rates

Use a "surface only" treatment for suspended and free-floating algae mat

GRANULAR:	HEAVY ALGAE GROWTH 20-90 pounds of GreenCleanPRO Granular Algaecide/Fungicide per acre-foot of water.
	LOW ALGAE GROWTH/MAINTENANCE 2-9 pounds of GreenCleanPRO Granular Algaecide/Fungicide per acre-foot of water.
	SOLUTION PREPARATION  Due to solubility limitations, use at least 1 gallon
LIQUID:	of water to fully dissolve each 0.5 pounds of GreenCleanPRO Granular Algaecide/Fungicide. Dissolution of GreenCleanPRO Granular Algaecide/ Fungicide in cold water takes approximately 5 minutes.

## **GENERAL TREATMENT NOTES**

- Control is most easily achieved when algae are not yet well established.
   Treat when growth first begins to appear. This is especially important in the prevention of clogged irrigation systems, pumps, filters etc.
- Apply early in the day under calm, sunny conditions, and when water temperatures are warm. Sunlight and higher temperatures both enhance GreenCleanPRO Granular Algaecide/Fungicide activity.
- Apply in a manner that will insure even distribution of GreenCleanPRO Granular Algaecide/Fungicide within the treatment area.
- Break up any heavy floating algae mats before or during application.
- Skim any dead algae and organic matter that rises to the water's surface after treatment. Allowing dead organics to sink and decay will provide a food source and additional nutrients that stimulate algae re-growth and further blooms.
- Use GreenCleanPRO Granular Algaecide/Fungicide as an integral part of your water management system. If using in conjunction with other water additives (such as bacteria or enzymes), always apply GreenCleanPRO Granular Algaecide/Fungicide first and wait several hours before adding any other products.
- Re-treat areas if re-growth begins to appear. Allow 48 hours between consecutive treatments.
- Maintain an algae free pond with GreenCleanPRO Granular Algaecide/ Fungicide maintenance rates at a frequency appropriate for your environmental conditions.
- In regions where water freezes in the winter, treatment with GreenCleanPRO Granular Algaecide/Fungicide (including skimming) 6-8 weeks before expect-

- ed freeze will help prevent masses of decaying algae under the ice cover.
- After application, do not allow undiluted granules to remain in an area where humans or animals are exposed.
- Non-target plants will suffer contact burn if undiluted granules are accidentally spilled on them. Do not apply in such a way that the concentrated product comes in contact with grass, ornamentals and other foliage.
- Do not tank mix or apply in conjunction with aquatic herbicides or algaecides containing copper or bromides. Always apply GreenCleanPRO Granular Algaecide/Fungicide at least one day prior to the application of these products.
- 100 pounds of GreenCleanPRO Granular Algaecide/Fungicide per million gallons of water = 4ppm of sodium.

#### **EFFECTIVENESS FACTORS**

- Effects of GreenCleanPRO Granular Algaecide/Fungicide treatment are immediately apparent (bubbling, bleaching/discoloration of algae, floating dead organic matter).
- GreenCleanPRO Granular Algaecide/Fungicide treatments are successful when contact of the pesticide is made with the algae.
- Liquid applications will not sink through the water column as readily as a granular application.
- When treating surface mats and blooms, it is possible that GreenCleanPRO
  Granular Algaecide/Fungicide 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 frequently during the summer months when water consumption and temperatures are high.

#### **APPLICATION METHODS**

In bodies of water where an aerator is available, and when treating the entire water volume, dose GreenCleanPRO Granular Algaecide/Fungicide at the edges, or in the turbulence created while the aerator runs to facilitate rapid and adequate mixing.

SPREADING/BROADCASTING: Broadcast GreenCleanPRO Granular Algaecide/ Fungicide with a mechanical spreader or by hand, directly on the water surface, from shore or from a properly equipped boat.

SPOT TREATMENT: Apply GreenCleanPRO Granular Algaecide/Fungicide directly over the infested area. Re-treatment is required when heavy growth occurs.

LIQUID: Make a solution with GreenCleanPRO Granular Algaecide/Fungicide (refer to liquid application rates). Spray this solution on the water surface from shore or a properly equipped boat. When using this method, the wind direction is important as well as the operation of the boat. If using a slurry, agitate constantly.

INJECTION: Make a solution with GreenCleanPRO Granular Algaecide/ Fungicide (refer to liquid application rates). Inject this solution into the water via a piping system.

SUBSURFACE: Place GreenCleanPRO Granular Algaecide/Fungicide in burlap bags and drag through the water by means of a boat. Use granular application rates. Begin treatment along the shoreline, and proceed outward. The path of the boat shall insure an even distribution. Continue dragging until all GreenCleanPRO Granular Algaecide/Fungicide is dissolved.

AERIAL: Apply in granular form, directly to water surface using conventional aerial application equipment. Avoiding spray drift at the application site is the responsibility of the applicator. The interactions of many equipment and weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

## **SURFACE TREATMENT**

(\*This application is not approved for use in California)

Use GreenCleanPRO Granular Algaecide/Fungicide on all listed non-painted surfaces, to prevent and control algae, slime-forming and odor-causing bacteria, bacterial and fungal plant pathogens, moss, fungus, liverwort, molds, slime molds and their spores, and the odors and conditions that these organisms cause (such as the breeding grounds for pests such as shore flies and fungus gnats).

Use on surfaces, equipment, and structures such as: greenhouse/nursery walkways, ground cloth, weed mats, floors, walls, on and under greenhouse benches, fan blades, watering systems, vats, tanks, coolers, storage rooms, bins, elevators, storage areas, spray equipment, conveyors, irrigation systems, process equipment, process water systems, trucks, structures and related equipment. Use in areas that promote slippery conditions and slip hazards caused by algae and slime molds.

**FOR SURFACES, EQUIPMENT AND STRUCTURES:** Use GreenCleanPRO Granular Algaecide/Fungicide at a rate of 0.5 lb. to 2 lbs. per 1000 square feet of area to be treated. Apply as a granular, liquid or foam, following Application Instructions below.

**POTS, FLATS, TRAYS AND CUTTING TOOLS:** Use GreenCleanPROGranular Algaecide/Fungicide to suppress/control the spread of plant pathogens, slime-forming bacteria, fungi and algae. Use ½ lb. of GreenCleanPRO Granular Algaecide/Fungicide per gallon of clean water. Spray equipment thoroughly or soak tools to ensure complete coverage.

**BENCHES AND WORK AREAS:** Sweep and remove all plant debris. Use a power sprayer to wash all surfaces to remove loose dirt. Use ½ lb. of GreenCleanPRO Granular Algaecide/Fungicide per gallon of clean water. Apply as a spray or foam ensuring complete coverage. Scrub to remove heavy growths of algae and fungi.

#### **APPLICATION RATES:**

#### **Ground/Surface Rates**

	Make granular applications over a wet surface or activate with water immediately following application. (1 lb. = 2 Cups)
GRANULAR:	HEAVY ALGAE GROWTH  1-2 pounds of GreenCleanPRO Granular Algaecide/Fungicide per 1,000 square feet of area.
	LOW ALGAE GROWTH/MAINTENANCE 0.5-1 pounds of GreenCleanPRO Granular Algaecide/Fungicide per 1,000 square feet of area.
LIQUID:	SOLUTION PREPARATION:  Due to solubility limitations, it is necessary to use at least 1gallon of water to fully dissolve each 0.5 pounds of GreenCleanPRO Granular Algaecide/ Fungicide.  Dissolution of GreenCleanPRO Granular Algaecide/Fungicide in cold water takes approximately 5 minutes.
	TREATMENT RATES: Use the same rates as the granular application given above
FOAM:	SOLUTION PREPARATION: Follow the liquid solution preparation instructions above Add 2.0 - 5.0 fluid ounces of an alkaline-based foam, such as BioSafe Systems "Alk-A-Foam", per gallon of finished solution
	TREATMENT RATES: Use the same rates as the granular/liquid application given above

#### Animal Bedding and Litter Rates for Livestock Barns, Stalls and Holding Pens:

LIQUID:	SOLUTION PREPARATION:  Due to solubility limitations, it is necessary to use at least 1 gallon of water to fully dissolve each 0.5 pounds of GreenCleanPRO Granular Algaecide/Fungicide.  Dissolution of GreenCleanPRO Granular Algaecide/ Fungicide in cold water takes approximately 5 minutes.
	TREATMENT RATES:  Mix 1/2 lb of GreenCleanPRO Granular Algaecide/Fungicide in one gallon of clean water. Spray mixed solution over bedding and/or litter to be treated. Repeat as necessary or every other day.

### **GENERAL TREATMENT NOTES**

- Control is most easily achieved when growth is not yet well established.
   Treat when growth first begins to appear.
- Apply in a manner that will insure even distribution of GreenCleanPRO Granular Algaecide/Fungicide within the treatment area.
- GreenCleanPRO Granular Algaecide/Fungicide is water activated.

Watering before application is preferred over misting after application because it prevents over watering leading to a reduced effectiveness.

- Use GreenCleanPRO Granular Algaecide/Fungicide in conjunction with the family of BioSafe Systems products as part of a comprehensive cleanliness/treatment program.
- When applying GreenCleanPRO Granular Algaecide/Fungicide to soil, gravel or other similar media, incorporate the application of GreenCleanPRO Granular Algaecide/Fungicide into the first inch of substrate for optimum effectiveness.
- To maintain clean surfaces, apply GreenCleanPRO Granular Algaecide/ Fungicide at maintenance rates every 5-7 days or as needed to control new or established conditions.
- After application, do not allow undiluted granules to remain in an area where humans or animals are exposed.
- Non-target plants will suffer contact burn if undiluted granules are accidentally spilled on them. Do not apply in such a way that the concentrated product comes in contact with grass, ornamentals and other foliage.
- Do not tank mix or apply in conjunction with aquatic herbicides or algaecides containing copper or bromides. Always apply GreenCleanPRO Granular Algaecide/Fungicide at least one day prior to the application of these products.
- Mix GreenCleanPRO Granular Algaecide/Fungicide only with water, and at the recommended rates. Do not mix GreenCleanPRO Granular Algaecide/Fungicide with any other substances.

## **APPLICATION METHODS**

SPREADING/BROADCASTING: Broadcast GreenCleanPRO Granular Algaecide/Fungicide with a mechanical spreader or by hand. A lawn spreader or any other applicator that will ensure uniform coverage is acceptable.

SPOT TREATMENT: Apply GreenCleanPRO Granular Algaecide/Fungicide directly over the infested area. Re-treatment is required when heavy growth occurs.

LIQUID: Make a solution with GreenCleanPRO Granular Algaecide/ Fungicide (refer to liquid application rates). Spray this solution on the desired treatment surface.

FOAM: Make a solution with GreenCleanPRO Granular Algaecide/Fungicide (refer to foam application rates). Spray this solution on the desired treatment surface. Use a foamer, such as the BioSafe BioFoamer, to apply.

#### STORAGE AND DISPOSAL

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

#### PESTICIDE STORAGE

Store in original containers in a cool, well-vented area, away from direct sunlight. Do not allow product to become overheated in storage. This may cause increased degradation of the product, which will decrease product effectiveness. In case of spill, flood area with large quantities of water. Do not store in a manner where cross-contamination with other pesticides or fertilizers could occur.

#### PESTICIDE DISPOSAL

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Open dumping is prohibited. If wastes cannot be disposed of according to label directions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

#### **CONTAINER DISPOSAL**

Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

#### WARRANTY

This material conforms to the description on the label and is reasonably fit for the purposes referred to in the directions for use. Timing, unfavorable temperatures, water conditions, presence of other materials, method of application, weather, watering practices, nature of soil, disease problem, condition of crop, incompatibility with other chemicals, pre-existing conditions and other conditions influencing the use of this product are beyond the control of the seller. Buyer assumes all risks associated with the use, storage, or handling of this material not in strict accordance with directions given herewith. NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTIBILITY IS MADE.

## Bi\Safe Systems...

For additional information on GreenCleanPRO Granular Algaecide/Fungicide, call us toll-free at 1.888.273.3088 or visit www.biosafesystems.com.