

GreenClean®

Granular Algaecide

ACTIVE INGREDIENT:

Sodium Carbonate Peroxyhydrate*.....	42.50%
OTHER INGREDIENTS	57.50%
TOTAL	100%

* Contains 13.80% Hydrogen Dioxide by weight

WATER APPLICATION RATES:

APPLICATION	HEAVY ALGAE GROWTH	LOW ALGAE GROWTH / MAINTENANCE
GRANULAR: Large Volume For example: Lakes, ponds, lagoons. <i>*multiple containers of GreenClean Granular will be needed</i>	90-500 lbs of GreenClean Granular Algaecide per million gallons of water*. - OR - 30-170 lbs of GreenClean Granular Algaecide per acre-foot of water*.	9-50 lbs of GreenClean Granular Algaecide per million gallons of water. - OR - 3-17 lbs of GreenClean Granular Algaecide per acre-foot of water.
GRANULAR: Small Volume For example: Indoor or outdoor water gardens, fountains, ornamental waterfalls.	3-16 Tbs of GreenClean Granular Algaecide per 1000 gallons of water. (16 Tbs = 1 Cup) (2 Cups = 1 lb)	1-5 tsp of GreenClean Granular Algaecide per 1000 gallons of water. (3 tsp = 1 Tbs)

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.)

NON-PAINTED SURFACE RATES:

HEAVY GROWTH	LOW GROWTH / PREVENTATIVE
4-6 Cups per 1,000 sq ft	2-4 Cups per 1,000 sq ft

NOTE: 1 lb of GreenClean Granular by weight = 2 Cups in volume

GROUND/SURFACE APPLICATION RATES:

APPLICATION	HEAVY ALGAE GROWTH	LOW ALGAE GROWTH / MAINTENANCE
GRANULAR: <i>Make granular applications over a wet surface or activate with water immediately following application.</i> (1 lb = 2 Cups)	2-3 lbs of GreenClean Granular per 1,000 sq ft of area. <i>Make granular applications over a wet surface or activate with water immediately following application.</i> (1 lb = 2 Cups)	1-2 lbs of GreenClean Granular per 1,000 sq ft of area. <i>Make granular applications over a wet surface or activate with water immediately following application.</i> (1 lb = 2 Cups)
LIQUID:	Solution Preparation: Due to solubility limitations, it is necessary to use at least 1 gallon of water to fully dissolve each 0.5 lbs of GreenClean Granular. Dissolution of GreenClean Granular 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 Application instructions shown above. Add 2-5 fl oz 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.	

- 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 GreenClean Granular within the treatment area.
- GreenClean Granular is water activated. Watering before application is preferred over misting after application because it prevents over watering leading to a reduced effectiveness.
- Use GreenClean Granular in conjunction with ZeroTol® Broad Spectrum Algaecide/Fungicide and TerraClyte® as part of a comprehensive cleanlines/treatment program.
- When applying GreenClean Granular to soil, gravel or other similar media, incorporate the application of GreenClean Granular into the first inch of substrate for optimum effectiveness.
- To maintain clean surfaces, apply GreenClean Granular 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 with aquatic herbicides or algaecides containing copper or bromides. Always apply GreenClean Granular at least one day prior to the application of these products.

SPREADING / BROADCASTING:

Broadcast GreenClean Granular with a mechanical spreader or by hand. A lawn spreader or any other applicator that will insure uniform coverage is acceptable.

SPOT TREATMENT:

Apply GreenClean Granular directly over the infested area. Re-treatment is required when heavy growth occurs.

APPLICATION METHODS

LIQUID: Make a solution with GreenClean Granular (refer to liquid application rates). Spray this solution on the desired treatment surface. Do not use liquid application method for water treatments. Only. Do not use liquid application method for water treatments.

FOAM: Make a solution with GreenClean Granular (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-ventilated 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 landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.



For additional information on GreenClean®, call us toll-free at 1-888-273-3088 or visit us online at www.biosafesystems.com

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Always read and follow label directions. 1_2007

Manufactured by:

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EPA Registration No. 70299-4 EPA Establishment No. 72859-TX-001

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.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and handlers must wear: coveralls over long-sleeved shirt, long pants, chemical resistant footwear plus socks, chemical resistant gloves, and protective eyewear (goggles or face shield). 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 equipment 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. 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.

During amphibian breeding seasons, do not apply near shallow water body margins.

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 GreenClean Granular to any listed water or surface sites. Do not apply this product through any type of irrigation system.

Application sites include:

Farms, Sod Farms, Aquaculture Production Facilities, Fisheries, Hatcheries, Greenhouses, Nurseries, Golf Courses, Amusement Parks, Water Parks, Aquariums, Zoos, Botanical Gardens, National Parks, Recreational Areas, Non-Chlorinated Swimming Areas, Raceways, Sports Facilities, Business Parks, Residential Developments, Indoor/Interiors, Malls, Hotels, Kennels, Cemeteries, Carwashes, Marinas, Boats, Docks, Garden Centers, Power Washing, 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, Water Gardens, Ornamental Pools/Ponds, Ornamental Waterfalls, Fountains, Bird Baths, Golf Course Ponds, Industrial/Commercial Ponds, Impounded Waters, Standing Water, Bilge Water, Reservoir Water, Waterways, Conveyance Ditches, Canals, Laterals, Drainage Systems, Irrigation Ponds, Catch Basins, Flooded Areas, Sewage Systems, Drain Fields, Fire Ponds, Watering Tanks, Storage Tanks, Water Collectors and Domestic/Commercial Waters

GreenClean Granular is not intended for use in drinking water.

NON-PAINTED SURFACES

Floors, Walkways, Storage Areas, Patios, Decks, Railings, Roofs, Asphalt Shingles, Siding, Fiberglass, Boats, Piers, Docks, Stairs, Ramps, Ground Cover Mats, Weed Control Mats, 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

(See water treatment application rates on front page)

Use GreenClean Granular to treat, control, and prevent a broad spectrum of algae. Effects of treatment are immediately apparent (bubbling, bleaching/dicoloration of algae, floating of dead organic matter). Waters treated with GreenClean Granular 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:

$L(\text{ft}) \times W(\text{ft}) \times D(\text{ft}) \times 5.9 = \text{Gallons}$

1 acre-foot of water =

208.7 ft long x 208.7 ft wide x 1 ft deep
43,560 ft³ = 325,851 gal = 2,780,000 lbs

$\frac{\text{Avg. L (ft)} \times \text{Avg. W (ft)} \times \text{Avg. D (ft)}}{43,560} = \text{acre-feet of water}$

GENERAL TREATMENT NOTES

- Treat only a half or a third of any large body of water (such as lakes, ponds, lagoons) at a time.
- 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 GreenClean Granular activity; GreenClean Granular will work more slowly in colder water.
- Apply in a manner that will insure even distribution of GreenClean Granular 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 GreenClean Granular as an integral part of your water management system. If using in conjunction with other water additives (such as bacteria or enzymes), always apply GreenClean Granular 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 GreenClean Granular maintenance rates at a frequency appropriate for your environmental conditions.
- In regions where water freezes in the winter, treatment with GreenClean Granular (including skimming) 6-8 weeks before expected 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 with aquatic herbicides or algacides containing copper or bromides. Always apply GreenClean Granular at least one day prior to the application of these products.
- 100 pounds of GreenClean Granular per million gallons of water = 4ppm of sodium.

EFFECTIVENESS FACTORS

- Effects of GreenClean Granular treatment are immediately apparent (bubbling, bleaching/dicoloration of algae, floating dead organic matter).
- GreenClean Granular 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 GreenClean Granular 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

SPREADING / BROADCASTING:

Broadcast GreenClean Granular with a mechanical spreader or by hand, directly on the water surface, from shore or from a properly equipped boat.

SPOT TREATMENT:

Apply GreenClean Granular directly over the infested area. Re-treatment is required when heavy growth occurs.

SURFACE TREATMENT

(See surface treatment application rates on front page)

Use GreenClean Granular on all listed non-painted surfaces, to prevent and control algae, moss, liver worts, 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).

GENERAL TREATMENT NOTES

- Granular applications are the most effective.

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.

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.