

## Specimen Label and MSDS

- **Algaecide**
- **Granular Algaecide / Fungicide (for Ornamental Plants and Turf).**
- **A treatment for the prevention and control of horticultural diseases in or around commercial greenhouses, garden centers, terrestrial landscapes, nurseries, interiorscapes and golf courses.**
- **For indoor and outdoor horticultural, agricultural and commercial uses.**

**Active Ingredient:**

Sodium Carbonate	
Peroxyhydrate* . . . . .	34.00%
Other Ingredients: . . . . .	66.00%
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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 by mouth-to-mouth, if possible.
- Call a poison control center or doctor for treatment advice.

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.

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

**EPA Registration No.** 70299-3  
**EPA Establishment No.** 68660-TX-001

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

**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. Remove and wash contaminated clothing before reuse.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**  
When handling wear protective eyewear (goggles or face shield) and chemical resistant gloves. Applicators and handlers must wear coveralls over long-sleeved shirt, long pants, 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 before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should 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 and rinsate. Do not apply to treated, finished drinking water reservoirs or drinking water receptacles. 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 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.

### 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.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

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.

### 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 dusts have settled and activating water sprays have dried.

### APPLICATION DIRECTIONS

Treats, controls and prevents algae, bacteria, fungi and moss on ornamental plants and turf. Organisms controlled include Algae, Moss, Liver Worts, Slime Molds and their spores.

**For use in greenhouses, storage areas and nursery yards:** Spread TerraCyte on walkways, under benches, on gravel and dirt floors, weed control mats and hard surfaces to prevent and control algae, bacteria, fungi, moss, slime molds, and the odors and conditions that these organisms can cause.

TerraCyte is activated by moisture, so

applications must either be made over wet surfaces or must be watered immediately after spreading. To treat areas that are already heavily contaminated with algae, slime molds and scum, apply 4 lbs. of TerraCyte per 1,000 square feet. Make subsequent preventative treatments by applying 2 - 4 lbs. of TerraCyte per 1,000 square feet. Repeat applications every 5 to 7 days to control new or established conditions. Optimum treatment time is early morning or late afternoon. If applied to a dry surface, activate TerraCyte with water immediately following application.

Apply TerraCyte using a lawn spreader that will ensure uniform coverage. Calibrate spreaders for accurate output. The following settings are approximations for calibration for specific makes of spreaders.

**Table 1 - Spreader Calibration Settings**

Make of Spreader	Rate per 1,000 sq. ft.	Spreader Settings	Spreader Width
CYCLONE	2 lbs.	4	6 1/2 feet
	4 lbs.	6	6 1/2 feet
SCOTTS	2 lbs.	4	20 inches
	4 lbs.	7	20 inches
LESCO Rotary	2 lbs.	*6	6 1/2 feet
	4 lbs.	*8	6 1/2 feet

\* LESCO Calibration Gauge

**For use on soil surfaces containing growing plants:** Apply TerraCyte to soil surfaces for the prevention and control of Algae, Moss, Liver Worts, Slime Molds and their spores. Use on container, benches, and planters for ornamental plants.

• **Plant beds and bench areas:** TerraCyte is activated by moisture. Applications must be made over wet surfaces. Thoroughly water soil surface to be treated.

For heavily contaminated beds or benches, distribute 15 lbs uniformly over 1,000 square feet of bed or bench area.

For follow-up or preventative applications, apply 5 lbs of TerraCyte per 1,000 square feet on a weekly to bi-weekly basis.

• **Mature Potted plants:** TerraCyte is activated by moisture. Applications must be made over wet surfaces.

Thoroughly water soil surface to be treated.

For curative applications, evenly distribute 0.08 oz or 1/3 teaspoon of TerraCyte over the surface of 8-inch pots; 0.13 oz or 1/2 teaspoon of TerraCyte over the surface of 10-inch pots.

For follow-up and preventative applications, evenly distribute 0.026 oz. or 1/8 teaspoon of TerraCyte over the surface of 8-inch pots; 0.04 oz. or 1/4 teaspoon of TerraCyte over the surface of 10-inch pots. Repeat on a bi-weekly basis.

• **Seedlings or recent transplants:** First test the plants for sensitivity to TerraCyte. TerraCyte increases pH by 0.5 pH unit. TerraCyte is activated by moisture. Applications must be made over wet surfaces. Thoroughly water soil surface to be treated.

For curative applications, evenly distribute 10-15 lbs TerraCyte over 1,000 square feet (1/2 to 1 teaspoon per square foot). Rinse TerraCyte granules thoroughly from foliage.

For follow-up and preventative applications, evenly distribute 5 lbs of TerraCyte per 1,000 square feet (1/8 teaspoon per square foot). Rinse TerraCyte granules thoroughly from foliage. Repeat on a weekly to bi-weekly basis.

**For use on turf grasses and lawns:**

• **Algae, moss and slime mold treatment:** Apply TerraCyte to **well-established** lawns, golf course fairways, greens and tees for the prevention and control of Algae, Moss, Slime Molds and their spores. TerraCyte is activated by moisture and must be watered in after application.

The best time to apply TerraCyte for curative applications is either the spring or fall when temperatures are 50°F or above. Apply TerraCyte to well-established lawns, golf course fairways, greens, and tees at a rate of 8 pounds per 1,000 square feet. When using a drop spreader, uniform coverage is essential for best results (see Tables 3, 4, and 5 for spreader settings). Take caution to avoid overlap. If applying on greens, always open up the spreader off of the green and on the collar.

**Activate TerraCyte with water immediately following application (see Table 2). Water to specified amount, or for at least 10 minutes.**

Make subsequent applications by applying 2 - 4 pounds of TerraCyte per 1,000 square feet. Repeat applications as needed. Apply TerraCyte on consecutive days. The optimum application time is early morning or late afternoon.

During summer months, use TerraCyte for spot treatments. Spoon-feed TerraCyte on infected areas.

**TURF DISEASE TREATMENT:** Apply TerraCyte to well-established lawns, golf course fairways, greens and tees for the prevention and control of Snow Mold, Brown Patch, Summer Patch, Fairy Ring, Dollar Spot, Pythium, and Phytophthora. TerraCyte is activated by moisture and must be watered in after application.

The best time to apply TerraCyte for curative applications is when temperatures are 50°F or above. Apply TerraCyte to well-established lawns, golf course fairways, greens and tees at a rate of 8 pounds per 1,000 square feet. When using a drop spreader, uniform coverage is essential for best results (see Tables 3, 4, and 5 for spreader settings). Avoid overlap when applying product to turf. If applying on greens, always open up the spreader off of the green and on the collar.

**Activate TerraCyte with water immediately following application (see Table 2). Water to specified amount, or for at least 10 minutes.**

When making subsequent applications, apply 2 - 4 pounds of TerraCyte per 1,000

square feet. Repeat applications as needed. TerraCyte can be applied in the same area up to 3 consecutive days. The optimum application time is early morning or late afternoon.

During summer months, use TerraCyte for spot treatments. You may spoon-feed TerraCyte on infected areas.

**NOTICE:** A broad spectrum of plant and turf species have been found to be tolerant to TerraCyte; however, due to the large number of species and varieties of ornamental plants and turf, it is impossible to test every one for tolerance to TerraCyte. Neither the manufacturer nor the seller has determined whether or not TerraCyte can be used on all known species of plants and turf. Therefore, test a small section at labeled rates for phytotoxicity prior to widespread use. Repeat applications can raise soil pH to levels that can adversely affect plant growth. TerraCyte is incompatible with metal-based fungicides and fertilizers. Do not apply TerraCyte within three days of metal-based fungicides or fertilizer applications.

**STORAGE AND DISPOSAL**  
Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in original containers in dry conditions in a cool, well-vented area, away from direct sunlight. Do not allow product to become overheated (>50°C) 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-con-

tamination with other pesticides or fertilizers could occur. Do not store near incompatible materials such as reducing agents, combustible materials, organic materials or acids.

**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 rinses (or equivalent). Then offer for recycling or 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. To the fullest extent by law, 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 MERCHANTABILITY IS MADE.**

**Recommended Application Rates and Drop Spreader Settings**

**Table 2 – Application Rate**

Application Rate lbs. per 1,000 sq. ft.	Amount of Water (inches) Applied by Sprinkler Irrigation
2	1/10"
4	1/10"
6	1/10"
8	1/8"

**Table 3 – Scotts® and Prizelawn® Drop Spreader Settings**

Scotts and Prizelawn Rate lbs. per 1,000 sq. ft.	Spreader Setting*
2	N/A
4	2
6	2½
8	3

**Table 4 – Gandy® Drop Spreader Settings**

Gandy Rate lbs. per 1,000 sq. ft.	Spreader Setting* at 4 mph	Spreader Setting at 6 mph
2	12	14
4	16	19
6	19	22
8	21	24

**Table 5 – LESCO® Rotary Spreader Settings**

LESCO Rate lbs. per 1,000 sq. ft.	Spreader Setting*
2	6
4	8
6	9
8	11

\* Use disbursement bar.

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For additional information on TerraCyte Broad Spectrum Algaecide/Bactericide  
call us toll-free at 1.888.273.3088 or visit [www.biosafesystems.com](http://www.biosafesystems.com).