



**TerraCyte®**  
Broad Spectrum Algaecide Fungicide

**CALIFORNIA ONLY**

## SPECIMEN LABEL AND MSDS

### Granular Algaecide/Fungicide for Turf

#### COMMERCIAL USE ONLY

#### ACTIVE INGREDIENT:

Sodium Carbonate

Peroxyhydrate\* .....34.00%

OTHER INGREDIENTS: .....66.00%

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.

- 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, give them 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.

**Sold by:** BioSafe Systems LLC  
36 Commerce Street  
Glastonbury, CT 06033

**EPA Registration No.** 70299-3

**EPA Establishment No.** 68660-TX-01

**Net Contents:** 70 lbs.

#### PRECAUTIONARY STATEMENTS

##### Hazards to Human and Domestic Animals.

**Corrosive:** Causes irreversible eye damage. Harmful if swallowed, inhaled or absorbed through skin. Do not get in eyes, on skin or on clothing.

#### 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 with socks.

Follow the manufacturer's instructions for cleaning/ maintaining PPE. If no such instructions exist for washables, use detergent and hot water.

#### 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

**For Terrestrial Uses:** Keep out of lakes, ponds and streams. This pesticide is toxic to birds, fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to inter-tidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of wash waters. 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. 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 agency responsible for pesticide regulation.

## 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) and Restricted-Entry Interval (REI). The requirements in this box only apply to the uses of this product that are covered by the Worker Protection Standard.

**There is a restricted entry interval of four (4) hours for the granular product when spreading, broadcasting, spot treatment, injection or other non-spraying or non-foaming application methods are used in enclosed environments.**

**There is a restricted entry interval of four (4) hours when applied by spraying, or foaming a solution containing dissolved product.**

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 chemical resistant shoes with 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 sprays have dried.**

## APPLICATION DIRECTIONS

Treats, suppresses, controls and prevents algae and moss on turf. Organisms controlled include Algae, Moss, Liverworts, Slime Molds and their spores. Sunlight increases the effectiveness of TerraCyte.

TerraCyte is activated by moisture, so applications must either be made over wet surfaces or when applied to dry surfaces water immediately after spreading granular product. When watering after application, water should be applied via spray or mist. Watering should be sufficient to wet surface but should not create run off or wash product from surface. Allow product to remain on surface for a minimum of 10 minutes or until dry.

## FOR USE ON TURF GRASSES

Apply TerraCyte to well-established golf course fairways, greens, and tees for the prevention, suppression and control of algae, moss, and slime molds. 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 golf course fairways, greens and tees at a rate of 8 lbs. per 1000 sq. ft. When using a drop spreader, uniform coverage is essential for best results, *refer to Tables 2 and 3 for spreader settings*. Care should be taken 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.

Water to recommended amount or for at least 10 minutes, *refer to Table 1*.

Make subsequent applications by applying 2–4 pounds of TerraCyte per 1000 sq. ft. 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.

**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 recommended 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.

## COMPATIBILITY

Do not use at higher than recommended rates as plant sensitivity may result. TerraCyte has been designed to provide a balanced source of the active ingredient directly to the soil surface and has been shown to not cause adverse cosmetic effects on most plants. Since we have not tested all plant species, however, it is always advisable to test TerraCyte on a small sample area before treating large areas.

## 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-contamination with other pesticides or fertilizers could occur. Do not store near incompatible materials such as reducing agents, combustible materials, organic material 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 rinse (or equivalent). Then offer for recycling or dispose in a sanitary landfill, or incineration, if allowed by state and local authorities by burning. 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, method of application, weather, watering practices, nature of soil, potting medium, 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 here with. NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY IS MADE.

**BioSafe Systems** L.L.C.

For additional information on TerraCyte, call us toll free: 1.888.273.3088

or visit our website: [www.biosafesystems.com](http://www.biosafesystems.com)

Form 9007a 08/05

*Recommended Application Rates and Drop Spreader Settings*

Table 1 – Application Rate

Application Rate lbs. per 1000 sq. ft.	Amount of Water (inches) Applied by Sprinkler Irrigation
2	1/10"
4	1/10"
6	1/10"
8	1/10"

Table 2 – Scotts® and Prizelawn®  
Drop Spreader Settings

Scotts and Prizelawn Rate lbs. per 1000 sq. ft.	Spreader Settings*
2	N/A
4	2
6	2-1/2
8	3

Table 3 – Gandy® Drop Spreader Settings

Gandy Rate lbs. per 1000 sq. ft.	Spreader Setting* at 4 mph	Spreader Setting at 6 mph
2	12	14
4	16	19
6	19	22
8	21	24

\* Use disbursement bar.