

70299-3

09/20/2002

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division
(7501W) 401 M St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
70299-3

Date of Issuance:

9/20/02

NOTICE OF PESTICIDE:

X Registration
_____ Reregistration

Term of Issuance:

Unconditional

Name of Pesticide Product:

TerraCyte™

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

BioSafe Systems, 36 Commerce Street, Glastonbury, CT 06033

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This registration does not eliminate the need for continual reassessment of the pesticide. If EPA determines at any time, that additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under section 3(c)(2)(B) of FIFRA.

This product is registered in accordance with FIFRA section 3(c)(5) and is subject to the following terms and conditions:

1) Make the following modification to your label dated 8/06/2002:

Change the EPA File Sym. No.70299-G to EPA reg. No. 70299-3.

2) Submit five (5) copies of the final printed labeling before you release the product for shipment.

A stamped copy of the label is enclosed for your records.

Signature of Approving Official:

James H. Anderson

Date:

9-20-02

CONCURRENCES

SYMBOL	1511						
SURNAME	Ball						
DATE	9/18/02						

TerraCyte™

- * Granular Algaecide/Fungicide for Ornamental Plants and Turf.
- * A treatment for the prevention and control of horticultural diseases around residences, and in or around commercial greenhouses, garden centers, terrestrial landscapes, nurseries, interiorscapes and golf courses.
- * For Residential, Horticultural and Commercial Use only.

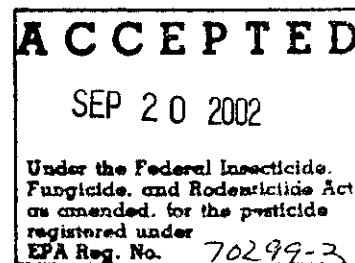
ACTIVE INGREDIENT:

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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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.	
NOTE TO PHYSICIAN	
Probable mucosal damage may contraindicate the use of gastric lavage.	

See side panel for additional precautionary statements.

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

EPA Registration No. (pending as File Symbol 70299-G)

EPA Establishment No. 68660-TX-01

Net Contents:

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 plus socks. Follow 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.

Do not enter or allow worker entry into treated areas during the restricted entry interval 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 sprays have dried.

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 rinses (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.

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 may 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 1000 square feet. Subsequent preventative treatments can be made by applying 2 - 4 lbs. of TerraCyte per 1000 square feet. Repeat applications every 5 to 7 days or as needed 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.

TerraCyte may be applied using a lawn spreader or any other applicator that will ensure uniform coverage. Spreaders should be calibrated for accurate output. The following settings are suggested as approximations for calibration for specific makes of spreaders.

Make of Spreader	Rate per 1000 sq. ft.	Spreader Settings	Spreader Width
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CYCLONE	2 lbs.	4	6 ½ feet
	4 lbs.	6	6 ½ feet
SCOTTS	2 lbs.	4	20 inches
	4 lbs.	7	20 inches

For use on soil surfaces containing growing plants:

Apply TerraCyte to soil surfaces for the prevention and control Algae, Moss, Liver Worts, Slime Molds and their spores. Use on container, bench, and planters for ornamental plants. Use on well established plantings only; NOT for use on soils for new plantings, seedlings or seed bed preparation.

- **Plant beds and bench areas** - TerraCyte is activated by moisture. Applications must be made over wet surfaces. Thoroughly water soil surface to be treated. Distribute 1¼ lbs. uniformly over 1000-sq. ft. of bed or bench area. Repeat applications every four weeks.
- **Potted plants** - TerraCyte is activated by moisture. Applications must be made over wet surfaces. Thoroughly water soil surface to be treated. Evenly distributed ¼ oz or one (1) level teaspoon of TerraCyte over the surface of 8-inch pots; one and a half (1½) level teaspoons of TerraCyte over the surface of 10-inch pots. Repeat applications every four weeks.

For use on turf grasses:

Apply TerraCyte to **well-established** 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 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 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 (see Table 1). Water to recommended amount or for at least 10 minutes.

Subsequent applications can be made by applying 2 - 4 pounds of TerraCyte per 1,000 square feet. Repeat applications as needed. TerraCyte can be applied on 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.

Table 1 – Application Rate

Application Rate Lbs./1,000 ft ²	Amount of water (inches) applied by sprinkler irrigation
2	1/10"

4	1/10"
6	1/10"
8	1/8"

Table 2 – Scotts and Prizelawn Drop Spreader Settings

Scotts and Prizelawn Rate in Lbs. / 1,000 ft ²	Spreader Setting*
2	N/a
4	2
6	2 ½
8	3

* Use of disbursement bars is recommended

Table 3 – Gandy Drop Spreader Settings

Gandy Rate in Lbs. / 1,000 ft ²	Spreader Setting* @ 4 mph	Spreader Setting @ 6 mph
2	12	14
4	16	19
6	19	22
8	21	24

* Use of disbursement bars is recommended

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, a small test section at recommended rates should be used to test for phytotoxicity prior to widespread use. Repeat applications may raise soil pH to levels that may 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.

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 herewith. **NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY IS MADE.**