**Algaecide/Fungicide**

Controls and suppresses algae, moss, liverwort(s), bacterial and fungal diseases on turf

**ACTIVE INGREDIENT:**
Sodium Carbonate Peroxyhydrate..................................................85.00%

**OTHER INGREDIENTS:**...................................................15.00%

**TOTAL:**...........................................................................100.00%

*Contains 27.60% Hydrogen Peroxide by weight.

Manufactured by:

**BioSafe Systems**
22 Meadow St. East Hartford, CT 06108
1-888-273-3088 (toll-free)
EPA Registration No. 70299-15
EPA Establishment No. ■ 067441-IL-001 ■ 70299-NV-2 ■ 092957-MI-001 ■ 66680-TX-1 ■ 9152-CA-1

For Use on Turf Grass and in Container-Grown Plants

Net Contents: ■ 15 ■ 50 lbs.

See inside label for additional precautionary statements and directions for use.
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 a 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 a 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.

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 medical treatment information.

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

See inside label for additional precautionary statements and directions for use.

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PHYSICAL AND CHEMICAL HAZARDS
Strong oxidizing agent. Corrosive. Do not bring in contact with other pesticides, cleaners or oxidizing 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.

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 requires controls 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 only apply to the 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 fogging or spraying to growing plants, surfaces, equipment, structures and non-porous surfaces in enclosed environments such as glasshouses and greenhouses. 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 worn over long-sleeved shirt and pants, waterproof gloves and shoes plus socks.

There is a restricted entry of zero (0) hours for pre-plant dip, seed treatment, soil drench, mopp, sponge, dip, soak, rinse or other non-spraying or non-fogging application methods when used in enclosed environments such as glasshouses and greenhouses.

For field applications: Keep unprotected persons out of treated areas until sprays have dried or dusts have settled.

Not applicable to turf grasses

Application Rate
Lbs./1,000 ft²

Amount of Water (Inches) Applied by Sprinkler Irrigation

NOTICE: A broad spectrum of plant and turf species have been found to tolerate TerraCytePRO Algaecide/Fungicide 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 TerraCytePRO Algaecide/Fungicide. Neither the manufacturer nor the seller has determined whether or not TerraCytePRO Algaecide/Fungicide 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. TerraCytePRO Algaecide/Fungicide is
FOR USE ON ARTIFICIAL TURF
Use TerraCytePRO Algaecide/Fungicide for the prevention and control of algae, fungi, moss, slime molds and their spores.

Application Directions:
1. Make a liquid solution of TerraCytePRO Algaecide/Fungicide by diluting ½ lb. of the granular/tablets for each gallon of water. (Dissolution of TerraCytePRO Algaecide/Fungicide in cold water will take approximately 5 minutes). 2. Spray evenly over area to be treated. 3. Allow to thoroughly dry before use. 4. Repeat treatment if disease reappears.

FOR USE ON TURF EQUIPMENT AND TOOLS
Use TerraCytePRO Algaecide/Fungicide to suppress/control the spread of plant pathogens, fungi and slime forming algae. Use ¼ lb. of TerraCytePRO Algaecide/Fungicide per gallon of clean water. Spray equipment thoroughly or soak tools to ensure complete coverage.

FOLIAR SPRAY TREATMENTS
Use TerraCytePRO Algaecide/Fungicide as a contact foliar fungicide/bactericide to treat and control plant pathogens on bedding plants, flowering plants, foliage plants, roses, woody and herbaceous ornamentals, nursery stock, ornamental shade and fruit and nut trees, greenhouse grown fruits, vegetables and other crops.

TerraCytePRO Algaecide/Fungicide controls the following diseases: Alternaria Blight, Anthracnose, Blackspot, Botrytis Blight, Botrytis Gray Mold, Cercospora Leaf Spot, Corynespora Leaf Spot, Downy Mildew, Erwinia, Monilinia Fruit And Blossom Rot, Penicilium spp. Phomopsis Blight, Powdery Mildew, Pseudomonas, Rust, Rhodococcus, Scab, Septoria Leaf Spot, Xanthomonas.


Application Directions:
• Do not apply directly to soil as a directed spray or drench.
• Do not apply this product through any type of irrigation system.

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APPLICATION TIMING:
Begin preventative applications at low rates when conditions are favorable for disease development such as rainy weather or during periods of high relative humidity. Maintain a 7-10 day spray interval. Begin using high rate at first sign of disease. Maintain a 7-10 day spray interval until control is achieved.

MIXING INSTRUCTIONS:
TerraCytePRO Algaecide/Fungicide will go into solution with clean water at no more than ½ pound per gallon of water. Dissolution of TerraCytePRO Algaecide/Fungicide in cold water takes approximately 5 minutes, less in warm water. When mixing, fill the spray tank one-half full of water, add TerraCytePRO Algaecide/Fungicide slowly to the clean tank, while hydraulic and or mechanical agitation is operating. The additions of any spreaders should be added only after they have been pre-determined to be chemically compatible with TerraCytePRO Algaecide/Fungicide.

TerraCytePRO Algaecide/Fungicide works best when diluted with water containing low levels of organic or inorganic materials, and with water having a neutral pH. Thoroughly rinse out tank with water before mixing.

Before tank mixing with fertilizers, fungicides, or bactericides, conduct a compatibility test for each combination. Make a test solution and shake or stir vigorously. Excessive bubbling and/or pressure are indications of incompatibility.

Do not mix TerraCytePRO Algaecide/Fungicide with other products with an acidic pH. Do not adjust pH after mixing of product. Acidification of solution will cause reduced product performance.

TerraCytePRO Algaecide/Fungicide is a strong oxidizing agent and may react with residues of metal-based fungicides or supplements. Do not apply TerraCytePRO Algaecide/Fungicide as a foliar spray immediately following foliar applications of metal-based products. Allow at least 24 hrs. after application of metal-based products before applying TerraCytePRO Algaecide/Fungicide as a foliar spray. Check the label of the metal-based products prior to application for specific instructions for use with other fungicide products.

Note: Use spray solutions within in two hours of preparation, do not store and reuse mixed spray solution.

Compatibility:
TerraCytePRO Algaecide/Fungicide is compatible as a tank-mix with many commonly used pesticides, fertilizers, adjuvants and non-ionic surfactants but has not been fully evaluated with all of these. Do not tank mix TerraCytePRO Algaecide/Fungicide in spray tanks with pesticides, surfactants or fertilizers before conducting a compatibility test to show it is physically compatible, effective and non-injurious under your use conditions.

To ensure compatibility, evaluate them prior to use as follows: Using a suitable container, add proportional amounts of product to water. Add wettable powders first, followed by water dispersible granules, then by liquid flowables and lastly, emulsifiable concentrates.

Mix thoroughly and let stand for at least five minutes. If the combination stays mixed or can be remixed, it is physically compatible. Excessive bubbling and/or pressure are indications of incompatibility. Test the combination on a small portion of the crop to be treated to ensure that a phytotoxic response will not occur as a result of application.

PLANT SENSITIVITY TESTING:
Be sure to use TerraCytePRO Algaecide/Fungicide at labeled dilutions as solutions more concentrated can result in leaf necrosis for some crops (i.e., do not use at concentrations greater than labeled rates). TerraCytePRO Algaecide/Fungicide provides a balanced source of the active ingredient directly to the plant surface. TerraCytePRO Algaecide/Fungicide has been used and tested on many varieties of plant material; however, the nature of the target plant, environmental conditions, plant vigor and the use of other pesticides can all affect plant sensitivity to TerraCytePRO Algaecide/Fungicide. Therefore, before treating large numbers of plants, test TerraCytePRO Algaecide/Fungicide on a few plants for sensitivity.

Application of TerraCytePRO Algaecide/Fungicide for curative control of obligate organisms living in the plant tissue (such as Downy and Powdery Mildew) can result in lesions on plant tissue. TerraCytePRO Algaecide/Fungicide will oxidize parasitic organisms living in plant tissue that are not always visible to the naked eye. Resulting oxidative effects can include spotting, or drying of the plant tissue where organisms inhibited tissue.

FOR SOIL SURFACES CONTAINING GROWING PLANTS
Apply TerraCytePRO Algaecide/Fungicide to soil surfaces for the prevention and control of algae, moss, liverworts, slime molds and their spores. Use in containers and planters for ornamental plants.

NURSERY CONTAINER PLANTS AND TREES:
Use TerraCytePRO Algaecide/Fungicide as a foliar spray. Check the label of the metal-based products prior to application for specific instructions for use with other fungicide products.

Granule Application:
Make granular applications over dry surfaces at a rate of 8–10 lbs per 1,000 sq. ft. and activate with 0.1–0.2 inches of water per 1,000 sq. ft. immediately following application.

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For Curative Treatments: Evenly distribute TerraCytePRO Algaecide/Fungicide over the soil surface of plant container. Repeat on a weekly to bi-weekly basis.

<table>
<thead>
<tr>
<th>Pot Size</th>
<th>Rate of TerraCytePRO Algaecide/Fungicide</th>
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</thead>
<tbody>
<tr>
<td>8 inch</td>
<td>1/3 tsp.</td>
</tr>
<tr>
<td>10 inch</td>
<td>1/2 tsp.</td>
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</table>

For Follow-Up And Preventative Applications: Evenly distribute TerraCytePRO Algaecide/Fungicide over the surface of plant container. Repeat on a weekly to bi-weekly basis.

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<td>1/8 tsp.</td>
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<td>10 inch</td>
<td>1/6 tsp.</td>
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</table>
Liquid Application:
For Curative Treatments: Mix ½ lb. of TerraCytePRO Algaecide/Fungicide per gallon of water, spray at a rate of three gallons per 1,000 sq. ft. of plant area.

For Preventative Treatments: Mix ¾ lb. of TerraCytePRO Algaecide/Fungicide per gallon of water, spray at a rate of three gallons per 1,000 sq. ft. of plant area.

Application Directions:
1. Make a liquid solution by diluting ¼-½ lb. of TerraCytePRO Algaecide/Fungicide for each gallon of water. Dissolve TerraCytePRO Algaecide/Fungicide is faster in warm water.
2. Spray evenly over area to be treated.
3. Spray 3 gallons of solution per 1,000 sq. ft. of plant area.
4. Treat the entire area.
5. Do not apply any supplements containing elemental iron, manganese, zinc or biological agents 24 hours prior to the application of TerraCytePRO Algaecide/Fungicide.

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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 materials or acids.

PESTICIDE HANDLING: 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 HANDLING: Plastic Containers, All sizes: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake or stir for 10 seconds. Pour rinseate into application equipment or a mix tank or store rinseate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling if available or dispose of in trash, or in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

50 lb. Bags/Sacks: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Completely empty sack [bag] into application equipment. Then dispose of empty sack [bag] in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY
NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. To the extent consistent with applicable law, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of BIOSAFE SYSTEMS LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User. BIOSAFE SYSTEMS and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of BIOSAFE SYSTEMS.

To the extent consistent with applicable law, in no event shall BIOSAFE SYSTEMS or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF BIOSAFE SYSTEMS AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF BIOSAFE SYSTEMS OR SELLER, THE REPLACEMENT OF THE PRODUCT.

BIOSAFE SYSTEMS and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of BIOSAFE SYSTEMS.