

### 1. IDENTIFICATION

**Product Name:** TerraCyte®

**Product Type:**

Granular Algaecide/Fungicide

**Manufacturer:**

BioSafe Systems LLC  
22 Meadow Street East Hartford, CT 06108

**Creation Date:** 4/08

*NOTE:* Not valid two years after creation date.

### 2. COMPONENTS

Sodium Carbonate Peroxyhydrate:

CAS .....15630-89-4

Calcium Carbonate

### 3. HEALTH HAZARDS DATA

**If on skin:** May cause slight irritation.

**If in eyes:** May cause severe eye irritation.

**If swallowed:** Severe irritation of the mouth, throat, esophagus and stomach.

**If inhaled:** Slight nose and throat irritation.

### 4. 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.

### 5. FIRE AND EXPLOSION DATA

**Special fire hazards:** Oxidizing substance that causes exothermic reactions with organic materials.

**Fire fighting methods:** Product is not flammable and can be quickly diluted with clean water.

### 6. SPILL OR LEAK PROCEDURES

**Cleanup:** Collect the product with suitable means, shovel, sweep, avoiding dust formation.

**Waste Disposal:** Do not return spilled or contaminated material to inventory. Clean the area with large quantities of clear, cold water.

### 7. HANDLING AND STORAGE

- Never return product back to the original container
- Keep concentrate away from reactive substances
- Prevent contact with organic materials
- Keep product in original container
- Store in cool, dry area
- Keep out of direct sunlight

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Respiratory:** For most conditions, no respiratory protection should be needed.

**Eyes:** Use dust proof chemical goggles.

**Skins:** Rubber gloves – For brief contact, no precautions needed. Prolonged contact, use chemical gloves.

### 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** White, granular, solid

**Odor:** None

**Bulk Density:** 0.35 – 0.65 g/cm<sup>3</sup>

**Solubility:** 140 g/L @ 24°C (75°F)

**pH:** 1% solution: 10.4 – 10.6

### 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions

**Materials to avoid:**

- Acids
- Bases
- Reducing Agents
- Organic Materials

### 11. TOXICOLOGICAL INFORMATION

**Acute toxicity:**

- Dermal = LD rabbit > 2000 mg/kg
- Inhalation = LC 0 1 hour rat > 2290 mg/m
- Oral = LD 50 rat 517 mg/kg

### 12. ECOLOGICAL INFORMATION

Toxic to simple cell organisms. Danger to the environment limited; due to product properties.

- No bioaccumulation
- Soil degradation = 99% in 20 minutes
- Considerable abiotic and biotic degradability
- Sediments = Non-significant adsorption
- Weak persistence of degradation products
- Degradation products = sodium carbonate, carbon dioxide, bicarbonate carbonate, hydrogen dioxide

### 13. DISPOSAL CONSIDERATIONS

**Packing Treatment:** Rinse empty containers with clean water. Clean and empty containers are to be recycled or disposed in accordance with local regulations.

### 14. TRANSPORT INFORMATION

**D.O.T. Shipping Name:** Not regulated

**UN Number:** None

**Hazard Class:** None

**Primary Hazard Label:** None

**Subsidiary Risk Label:** None

**Packing Group:** None

**WHMIS Classification:** C – Oxidizing

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