

1. IDENTIFICATION**Product Name:** TerraCyte[®]**Product Type:**

Granular Algaecide/Fungicide

Manufacturer:

BioSafe Systems LLC

36 Commerce Street

Glastonbury, CT 06033

Creation Date: 08/05**NOTE:** Not valid two years after creation date.**2. COMPONENTS**

Sodium Carbonate Peroxhydrate:

CAS15630-89-4

Calcium Carbonate

3. HEALTH HAZARDS DATA**Skin:** May cause slight irritation.**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****Eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes then continue rinsing eye. Call a poison control center or doctor for treatment advice.**Skin/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 for treatment advice. Have a 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.

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 clean, 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/cm³**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 ray > 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 on 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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