1. IDENTIFICATION
Product Name: GreenCleanPRO
Product Type: Algaecide/Fungicide
Manufacturer: BioSafe Systems, LLC
22 Meadow St., East Hartford, CT 06108
Telephone Number: 1.888.273.3088
EPA Registration No. 70299-15
Emergency: CHEMTREC: 800-424-9300

2. HAZARDS IDENTIFICATION
Hazard Classification: Oxidizer
Signal Word: Danger
Hazard Statements: Strong oxidizing agent.
Corrosive. Do not bring in contact with other pesticides, cleaners or oxidative agents.
Precautionary Statements: Hazards to Humans and Domestic Animals-Danger: Corrosive. Causes irreversible eye damage. Harmful if swallowed, inhaled or absorbed through skin. Do not get in eyes, on skin or on clothing. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse.

3. COMPOSITION/INFORMATION
Sodium Carbonate
Peroxynitrate...........15630-89-4...........85.00%

4. FIRST AID MEASURES
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 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 mouth to an unconscious person. Call a poison control center or doctor for treatment advice. NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage.

5. FIRE FIGHTING MEASURES
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 water.
Specific Hazards: Reacts with strong reducing agents – decomposition may support combustion.

6. ACCIDENTAL RELEASE MEASURES
Precaution: Observe hazards outlined in Sections 5 & 8. Keep away materials that are incompatible with this product (section 10). All receiving equipment should be clean, dry, labeled and made of materials compatible with the product.
Cleanup: Do not return spilled or contaminated material to inventory. Collect the product with suitable means, shovel, and sweep, avoiding dust formation.
Waste Disposal: Refer to section 13.

7. HANDLING AND STORAGE
Handling: Never return unused product to the original container. Keep product away from reactive substances. Prevent contact with organic materials. Keep product in original container.
Storage: Store this product in a cool, dry, well-ventilated area. Keep out of direct sunlight and away from heat sources. Do not freeze. Keep product in original container.

8. EXPOSURE CONTROLS/PERSOAL PROTECTION
Respiratory: For most conditions, no respiratory protection should be needed.
Eyes: Use dust proof chemical goggles
Hands: Protective gloves – chemical resistant
Skin: Body – covering clothing

9. PHYSICAL AND CHEMICAL PROPERTIES
Appearance: White, granular, solid
Odor: None
Vapor pressure: N/A
Odor threshold: N/A
Vapor density: N/A
pH: 3% solution: 10.0 – 11.0
Relative density: 1.0 – 1.2 g/cm³
Melting point/freezing point: N/A
Solubility: 140 g/L @ 20°C (68°F)
Flash point: N/A
Evaporation rate: N/A
Flammability: Not flammable
Vapor density: N/A
Decomposition temperature: Not available

10. STABILITY AND REACTIVITY
Chemical Stability: Stable under normal conditions.
Conditions to Avoid: Heat, Sources of Heat, Water/Moisture, Contact with combustible materials.

11. TOXICOLOGICAL INFORMATION
Chronic Toxicity: No data available.
Acute Toxicity:
Eye: rabbit, slight irritant
Skin: rabbit, slight irritant
Inhalation: LC₅₀ 1 hour, rat > 4580 mg/m³
Oral: LD₅₀ rat 1034 mg/kg
Remarks: Harmful if swallowed, Risk of serious damage to eyes.

12. ECOLOGICAL INFORMATION
Toxic to simple cell organisms. Danger to environment is limited – due to product properties.
- No bioaccumulation
- Considerable abiotic and biotic degradability
- Weak persistence of degradation products
- Degradation products = sodium carbonate, carbon dioxide, bicarbonate carbonate, hydrogen dioxide.

13. DISPOSAL CONSIDERATIONS
Nonrefillable container. Do not reuse or refill this container. Rinse empty containers with clean water. Clean and empty containers are to be recycled or placed in the trash.

14. TRANSPORT INFORMATION
D.O.T. Shipping Name: Sodium Carbonate Peroxynitrate
UN Number: UN 3378
Hazard Class: 8.1
Primary Hazard Label: Oxidizer
Subsidiary Risk Label: None
Packing Group: II

15. REGULATORY INFORMATION
TSCA Inventory List: Yes
Domestic Substance List: Listed
California Proposition 65: Not Listed
CERCLA Hazardous Substance (40 CFR part 302)
Listed Substance: No
Unlisted Substance: Yes
Reportable Quantity (RQ): 100 pounds
HMIS Rating: Health-2, Flammability-0, Reactivity-1
NFPA: Health-2, Flammability-0, Instability-1, Special Hazards-OX

16. OTHER INFORMATION
To the extent of our knowledge, the information herein is accurate as of the date of this document. However, neither BioSafe Systems nor any of its affiliates make any warranty, expressed or implied, or accept any liability in connection with the information or its use. The information is for use by technically skilled persons at their own discretion and risk. This is not a license or a patent. The user alone must finally determine suitability of any information or material for any contemplated use, the manner or use and whether any patents are infringed.

For additional information on GreenCleanPRO, call us toll-free at 1.888.273.3088 or visit www.biosafesystems.com.

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