**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** Prescription Treatment® brand Green-Shield® Disinfectant & Algicide  
**EPA Reg. No.:** 499-368  
**Product Code(s):** 09-2008 (6 x 1 qt) 09-2002 (4 x 1 gal) 09-2003 (1 x 30 gal)  
**EPA Signal Word:** DANGER  
**Distributed by:** Whitmire Micro-Gen Research Laboratories, Inc. 3568 Tree Court Industrial Blvd. St. Louis MO 63122-6682

**SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS**

**ACTIVE INGREDIENTS (20%)**  
- **n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chloride**  
- **n-Alkyl (68% C14, 32% C14) dimethyl ethylbenzyl ammonium chloride**  
- **Ethyl Alcohol, Denatured proprietary**

**OTHER INGREDIENTS* (80%)**  
- **5% C12, 5% C18)** dimethyl benzyl ammonium chloride  
- **Ethylbenzyl ammonium chloride**  
- **Ethyl Alcohol, Denatured proprietary**

**SECTION 3. HAZARDS IDENTIFICATION**

**PROTECTIVE EQUIPMENT FOR CLEANUP PERSONNEL**

**Personal Protective Equipment (PPE)**  
- **Eyes:** Wear full face shield or chemical-resistant goggles.  
- **Skin:** Wear rubber or neoprene gloves. (Good practice requires that gross amounts of any chemical be removed from the skin as soon as practical, especially before eating or smoking.)

**EXPOSURE INFORMATION**

<table>
<thead>
<tr>
<th>MATERIAL</th>
<th>OSHA PEL</th>
<th>STEL</th>
<th>TWA</th>
<th>ACGIH TLV</th>
<th>STEL</th>
<th>TWA</th>
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<tr>
<td>n-Alkyl (60% C14, 30% C16, 5% C12, 5% C18) dimethyl benzyl ammonium chloride</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
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<tr>
<td>Ethyl Alcohol, Denatured</td>
<td>1,000 ppm</td>
<td>NE</td>
<td>1,000 ppm</td>
<td>NE</td>
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</tbody>
</table>

**SECTION 4. FIRST AID MEASURES**

**First Aid Measures:**

- **SWALLOWING:** Give 1-2 cups of water. Do not induce vomiting unless told to do so by a doctor.
- **INHALATION:** 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 further treatment advice.
- **SKIN contact:** Take off contaminated clothing and wash thoroughly with soap and water. Clean clothing. Remove PPE immediately after handling this product. Wash the outside of clothing. Users Must:
- **IN CASE OF FIRE:** Extinguisher Media: Water
- **SPECIAL FIRE FIGHTING PROTOCOLS:** None

**SECTION 5. FIRE FIGHTING MEASURES**

**Other Fire Fighting Procedures:**

**Flash Point (TCC):** 200°F

**Flammability Limits in Air (% by volume):** Lower (LEL) = 4% Upper (UEL) = 19%

**UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS:** None known

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

**WASTE DISPOSAL METHOD:** Do not contaminate water, food or feed by storage or disposal of wastes. Take full or leaking containers to a local disposal company for biological treatment or incineration. Review all local state and federal regulations concerning health and pollution to determine approved disposal procedures. NEVER PLACE WASTES DOWN ANY INDOOR OR OUTDOOR DRAIN OR SEWER.

**SECTION 7. HANDLING AND STORAGE**

**HAZARDOUS DECOMPOSITION PRODUCTS:** Nitrous oxides and ammoniacal vapors

**UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS:** None known

**SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION**

**PERSONAL PROTECTIVE EQUIPMENT (PPE):**

**Respiratory Protection:** None required. For prolonged exposure or if used in enclosed or confined areas, a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R or P prefilter may be used. See 29 CFR 1910.134 for respiratory protection, training and testing requirements.

**Protective Gloves:** Wear rubber or neoprene gloves. (Good practice requires that gross amounts of any chemical be removed from the skin as soon as practical, especially before eating or smoking.)

**Eye Protection:** Wear protective eyewear (goggles or face shield).

**Other Protective Equipment:** Wear coveralls over long-sleeved shirt and long pants, chemical-resistant footwear and socks. Wear chemical-resistant headgear when using product in overhead watering systems and a chemical resistant apron when mixing, loading or cleaning equipment.
Prescription Treatment® brand Green-Shield® Disinfectant & Algicide

SECTION 14. TRANSPORT INFORMATION

6 x 1 QT & 4 x 1 GAL: SHIPMENT BY GROUND WITHIN U.S. (DOT CLASSIFICATION)
Proper Shipping Description: Disinfectant
Package Marking: Consumer Commodity, ORM-D
Package Labeling: No label required
Certified Packaging: Not required

6 x 1 QT & 4 x 1 GAL: SHIPMENT BY OCEAN OR AIR (IMDG & IATA CLASSIFICATION)
Proper Shipping Description: Corrosive Liquid, Basic, Organic, n.o.s. (Quaternary ammonium compounds), 8, UN 3267, III
Package Marking: Corrosive Liquid, Basic, Organic, n.o.s. (Quaternary ammonium compounds), UN 3267
Package Labeling: Label as "Corrosive" (class 8).
Certified Packaging: Required
IATA Packing Instructions: 820 CARGO AIRCRAFT ONLY

30 GAL: SHIPMENT BY GROUND OR OCEAN (DOT & IMDG CLASSIFICATION)
Proper Shipping Description: Corrosive Liquid, Basic, Organic, n.o.s. (Quaternary ammonium compounds), 8, UN 3267, III
Package Marking: Corrosive Liquid, Basic, Organic, n.o.s. (Quaternary ammonium compounds), UN 3267
Package Labeling: Label as "Corrosive" (class 8).
Certified Packaging: Required
NOTE: 30 GAL DRUM CANNOT BE SHIPPED BY AIRCRAFT!

This product in unopened original packaging is compliant with all regulations for ground shipment within the U.S. WMG disclaims any liability for claims or damages that may result from shipment by other means. Consult appropriately trained shipping professional before offering for shipment by water or air.

SECTION 15. REGULATORY INFORMATION

CERCLA
This product contains no CERCLA listed chemicals.

SARA TITLE III SECTION 311/312 HAZARD CLASS
This product has been reviewed according to the EPA "Hazard Categories" promulgated under Section 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title II) and is considered, under applicable definitions, to meet the following categories:
Acute Health Hazard

SARA TITLE III SECTION 313 CHEMICALS
This product contains no substances subject to the reporting requirements of Section 313 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) or 40 CFR Part 372 in concentrations above the de minimis concentration level.

TSCA
All components of this product are listed or excluded from listing on the US Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

SECTION 16. OTHER INFORMATION

NFPA HEALTH RATING INFORMATION

<table>
<thead>
<tr>
<th>HEALTH</th>
<th>FLAMMABILITY</th>
<th>REACTIVITY</th>
</tr>
</thead>
<tbody>
<tr>
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</table>

HMIS HAZARD RATING INFORMATION

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<th>HEALTH</th>
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<th>REACTIVITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>-1</td>
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</table>

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. For automatic MSDS updates, register at www.wmmg.com.

Questions concerning the safe handling of the product should be referred to the Whitmire Micro-Gen Customer Service Department at 800-777-8570.