**SECTION 1. PRODUCT AND COMPANY IDENTIFICATION**

**Product Name:** PRESCRIPTION TREATMENT® brand PERMA-DUST® Pressurized Boric Acid Dust

**EPA Reg. No.:** 499-384

**Product Code:** 02-0249 (12 x 9 oz.)

**EPA Signal Word:** CAUTION

**Distributed by:** Whitmire Micro-Gen Research Laboratories, Inc.

3568 Tree Court Industrial Blvd.
St. Louis, MO 63122-6682

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

**COMPOSITION INFORMATION**

<table>
<thead>
<tr>
<th>ACTIVE INGREDIENTS (35.5%)</th>
<th>%</th>
<th>CAS NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boric Acid</td>
<td>35.5%</td>
<td>10043-35-3</td>
</tr>
</tbody>
</table>

**OTHER INGREDIENTS* (64.5%) | % | CAS NO. |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Isoparaffinic Petroleum Solvent</td>
<td>&gt; 10.0%</td>
<td>64742-48-9</td>
</tr>
<tr>
<td>1,1-Tetrafluoroethane*</td>
<td>proprietary</td>
<td>811-97-2</td>
</tr>
<tr>
<td>1,1-Difluoroethane*</td>
<td>proprietary</td>
<td>75-37-6</td>
</tr>
</tbody>
</table>

* All ingredients may not be listed. Ingredients not listed do not meet the reporting requirements of the OSHA Hazard Communication Standard (HCS) as specified in 29 CFR 1910.1200.

**EXPOSURE INFORMATION**

<table>
<thead>
<tr>
<th>Material</th>
<th>OSHA PEL</th>
<th>STEL</th>
<th>TWA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boric Acid</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>Isoparaffinic Petroleum Solvent</td>
<td>500 ppm</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>1,1,2-Tetrafluoroethane*</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
</tr>
<tr>
<td>1,1-Difluoroethane*</td>
<td>NE</td>
<td>NE</td>
<td>NE</td>
</tr>
</tbody>
</table>

* TWA recommended by ingredient supplier = 1,000 ppm.

**SECTION 3. HAZARDS IDENTIFICATION**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Contains petroleum distillate – vomiting may cause aspiration pneumonia.

**SIGNS/SYMPOTMS OF EXPOSURE**

May cause eye irritation. Prolonged exposure may cause skin irritation. Oral effects are nausea, vomiting and diarrhea.

**ROUTES OF ENTRY**

Primary: Skin  Secondary: Inhalation  Tertiary: Ingestion

**HAZARDOUS DECOMPOSITION PRODUCTS**

Thermal decomposition in open flame will result in halogen acids.

**UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS**

Contents under pressure. Exposure to temperatures above 130°F may cause bursting.

**SECTION 4. FIRST AID MEASURES**

**MEDICAL:** 800-225-3320 (PROSAR)

**EMERGENCY PHONE NUMBERS:**

**EXPOSURE CONTROL / PERSONAL PROTECTION**

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Respiratory Protection: None required when used according to label directions.

**Protective Gloves:** Chemical resistant gloves are recommended if prolonged or repeated skin contact is likely. (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:** Use proper protection – safety glasses are recommended.

**SECTION 5. FIRE FIGHTING MEASURES**

**FIRE AND EXPLOSION**

Flash Point (TCC): NE

Explodibility Limits of propellant in Air (% by volume):

Lower (LEL) = NE  Upper (UEL) = NE

**NFPA 308 Flammability:** Level 1 Aerosol

**UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS**

Contents under pressure. Exposure to temperatures above 130°F may cause bursting.

**SECTION 6. ACCIDENTAL RELEASE MEASURES**

**IN CASE OF SPILL OR LEAK**

If container begins to leak (through puncture, etc.), eliminate all ignition sources and allow to discharge completely in well ventilated area, then dispose of as directed below. This product contains no Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) listed chemicals. Releases of this product are NOT reportable to the National Response Center.

Emergency Telephone Number of Chemtrec: (800) 424-9300 (for transportation spills)

**PROTECTIVE EQUIPMENT FOR CLEANUP PERSONNEL**

**Eyes:** Use proper protection – safety glasses are recommended.

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

**SECTION 7. HANDLING AND STORAGE**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Keep out of reach of children. CAUTION: Harmful if absorbed through skin. Causes eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

**PHYSICAL OR CHEMICAL HAZARDS**

Flammable. Contents under pressure. Keep away from heat, sparks, and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

**STORAGE**

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 8. EXPOSURE CONTROL / PERSONAL PROTECTION**

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Respiratory Protection: None required when used according to label directions.

**Protective Gloves:** Chemical resistant gloves are recommended if prolonged or repeated skin contact is likely. (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:** Use proper protection – safety glasses are recommended.

Other Protective Equipment: None required.

**VENTILATION**

Local Exhaust: None required.

Mechanical: None required.

Special: None required.

Other: Provide adequate ventilation of treatment area.
SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Sprays as dry powder.
Solubility in Water: Powder residue (Boric Acid) 4.72% @ 20° C.
Viscosity: NE
Boiling Point: NE
pH: NE

Odor: Slight solvent odor.
Vapor Pressure: 70psig @ 70°F
Vapor Density: NE
Freezing/Melting Point: NE
Density: 99.4 g/ml @ 20° C

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY

Stability: Indefinite when used and stored according to label directions.
Conditions to Avoid: Do not spray into open flame or onto very hot surfaces.
Incompatibility (Material to Avoid): None known.
Hazardous Polymerization: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition in open flame will result in halogen acids.

SECTION 11. TOXICOLOGICAL INFORMATION

ACUTE

Eyes: May cause irritation. Produced conjunctival irritation in rabbits at 1 hour only. No corneal opacity or iritis was observed during the 7 day testing period.

Skin: Prolonged exposure may cause skin irritation. Acute dermal LD50 > 2,000 mg/kg (rabbits). Primary skin irritation index = 1.83 (rabbits). Product is not a sensitizer when test-ed on guinea pigs.

Ingestion: Oral effects are nausea, vomiting and diarrhea. Acute oral toxicity LD50 = > 5,000 mg/kg (rats).

Inhalation: May cause irritation. Produced conjunctival irritation in rabbits at 1 hour only. No corneal opacity or iritis was observed during the 7 day testing period.

CHRONIC / CARCINOGENICITY

Neither this product nor any of its ingredients are classified as carcinogens by the National Toxicity Program (NTP), the International Agency for Research on Cancer (IARC) or the Occupational Safety and Health Administration (OSHA).

SECTION 12. ECOLOGICAL INFORMATION

This product is toxic to fish, birds, and other wildlife. Do not apply directly to water. Apply this product only as specified on the label. Do not contaminate water by cleaning of equipment or disposal of wastes.

SECTION 13. DISPOSAL CONSIDERATION

Do not contaminate water, food or feed by disposal of container or wastes. Dispose of contain-er and wastes in accordance with all Federal, state and local regulations.

Container Disposal: Do not puncture or incinerate! Empty container by using the product according to the label directions. Offer empty container for recycling, if available, or place in trash if allowed by state and local regulations. If container is partly full, contact your local solid waste agency or call 1-800-CLEANUP for disposal instructions.

Waste Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

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.

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

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