### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** PRESCRIPTION TREATMENT® brand 250 PROPOXUR Residual Insecticide

**EPA Reg. No.:** 499-501

**Product Code(s):** 02-0224 (12 x 17.5 oz.), 499-501

**Distributed by:** Whirlwind Micro-Gen Research Laboratories, Inc. 3566 Tree Court Industrial Blvd. St. Louis MO 63122-6622

### SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

**ACTIVE INGREDIENTS**

<table>
<thead>
<tr>
<th><strong>Propoxur</strong></th>
<th>1.0%</th>
<th>114-26-1</th>
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**OTHER INGREDIENTS**

<table>
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<tr>
<th><strong>Isopropanol, Anhydrous</strong></th>
<th>proprietary</th>
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<tr>
<th><strong>Petroleum Distillate</strong></th>
<th>&gt; 10%</th>
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### SECTION 3. HAZARDS IDENTIFICATION

**Inhalation, dermal absorption or ingestion of the active ingredient of this product may result in systemic intoxication due to inhibition of the enzyme cholinesterase. The sequence of development of systemic effects varies with the route of entry, and the onset of symptoms may be delayed an hour or more. First symptoms of poisoning may be nausea, increased salivation, lacrimation, blurred vision and constricted pupils. Other symptoms of systemic poisoning include vomiting, diarrhea, abdominal cramping, dizziness and sweating.**

**NOTES TO PHYSICIAN**

- Product contains petroleum distillate - vomiting may cause aspiration pneumonia. Product contains cholinesterase inhibitor. If symptoms of cholinesterase inhibition are present, atropine sulfate is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

**ROUTE OF ENTRY**

- Primary: Skin
- Secondary: Ingestion
- Tertiary: Inhalation

**HAZARDOUS DECOMPOSITION PRODUCTS**

- Thermal decomposition in open flame will result in possible toxic substances.

**UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS**

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

**SECTION 4. FIRST AID MEASURES**

**MEDICAL:**

- **Take off contaminated clothing. Rinse skin immediately with plenty of water.**
- **Hold eyes open and rinse slowly and gently for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes.**
- **Do not give anything by mouth to an unconscious person.**

**Inhalation:**

- **Immediately call a poison control center or doctor.** Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give ANY liquid to an unconscious person.

**Eye Contact:**

- **Have the product container or label with you when calling a poison control center, or going for treatment. Describe any symptoms and follow the advice given.**

**IN CASE OF FIRE**

- Extinguisher Media: Foam or dry chemical.

**SECTION 5. FIRE FIGHTING MEASURES**

**FIRE AND EXPLOSION**

- **Flash Point:** NE
- **Explosibility Limits in Air (% by volume):** Lower (LEL) = NE, Upper (UEL) = NE
- **NFPA 308 Flammability:** Level III 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.

**WASTE DISPOSAL METHOD**

- 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. Do not contaminate water, food or feed by storage or disposal of wastes.

**SECTION 7. HANDLING AND STORAGE**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

- Keep out of reach of children. CAUTION – Harmful if swallowed, inhaled or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Do not smoke while using. Provide adequate ventilation of treatment area. Do not allow children or pets in treated areas until surfaces have dried.

**OTHER PRECAUTIONS**

- Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

**PHYSICAL OR CHEMICAL HAZARDS**

- Harmful Contents under pressure. Keep away from heat, sparks, open flame or pilot lights. 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. Store in a cool, dry area away from heat or open flame and inaccessible to children.

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

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

- **Respiratory Protection:** None required when used according to label directions. For prolonged exposure or if used in enclosed areas, a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R, P, or HE prefilter may be used.
**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

- **Appearance:** Clear liquid
- **Odor:** Isopropanol odor
- **Solubility in Water:** NE
- **Vapor Pressure:** NE
- **Viscosity:** 1.92 cps @ 23° C
- **Boiling Point:** NE
- **Freezing/Melting Point:** NE
- **pH:** 7.09 @ 23° C (1% in H2O)
- **Density:** 0.793 g/ml @ 20° C

**SECTION 10. STABILITY AND REACTIVITY**

**STABILITY:** Stable

**Conditions to Avoid:** None known.

**Incompatibility (Material to Avoid):** Avoid caustics, amines, alkali metal compounds, aldehydes, strong oxidizing agents, and chlorinated compounds.

**Hazardous Polymerization:** Will not occur.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition in open flame will result in possible toxic substances.

**SECTION 11. TOXICOLOGICAL INFORMATION**

**ROUTES OF ENTRY:**
- **Primary:** Skin
- **Secondary:** Ingestion
- **Tertiary:** Inhalation

**ACUTE TOXICITY**

- **Eyes:** Considered mildly irritating. Produced conjunctival irritation clearing within 72 hours. No corneal opacity or iritis was observed.
- **Skin:** Not considered to be a skin sensitizer. Acute dermal toxicity (LD50) > 5,000 mg/kg (rats). Primary skin irritation index = 3.8 (albino rabbits).
- **Ingestion:** Acute oral toxicity (LD50) > 1000 mg/kg but < 5,000 mg/kg (rats).
- **Inhalation:** Acute inhalation toxicity (LC50) > 2.11 mg/L.

**CHRONIC EFFECTS OF EXPOSURE**

Repeated exposure to small amounts of the active ingredient in this product may result in an unexpected cholinesterase depression causing symptoms such as malaise, weakness, and anorexia that resemble other illnesses such as influenza. Exposure to the concentration that would not have produced symptoms in a person that was not previously exposed may produce severe symptoms of cholinesterase inhibition in a previously exposed person.

**CANCERGENICITY**

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). High doses of Propoxur induced bladder cancers when fed to rats in one study. Cancer was not induced in several other feeding studies on rats and other animals. The implication of these studies for humans is not known.

**SECTION 12. ECOLOGICAL INFORMATION**

This product is toxic to fish and wildlife. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

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.