

# MATERIAL SAFETY DATA SHEET

## Prescription Treatment® brand Preclude® TR Micro Total Release Insecticide

### EMERGENCY PHONE NUMBERS:

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

**TRANSPORTATION:** 800-424-9300 (CHEMTREC)

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Prescription Treatment® brand Preclude® TR Micro Total Release Insecticide  
**EPA Reg. No.:** 499-437  
**Product Code:** 09-2120 (12 x 2 oz.)  
09-2121 (12 x 6 oz.)  
**EPA Signal Word:** CAUTION  
**Distributed by:** Whitmire Micro-Gen Research Laboratories, Inc.  
3568 Tree Court Industrial Blvd.  
St. Louis MO 63122-6682

ACTIVE INGREDIENTS (4.8%)	%	CAS NO.
Fenoxycarb (Ethyl [2-(4-phenoxyphenoxy) ethyl] carbamate)	4.8%	72490-01-8
OTHER INGREDIENTS (95.2%)	%	CAS NO.
Isopropanol	proprietary	67-63-0
Hydrocarbon Propellant Blend	proprietary	68476-01-8

### SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Material	OSHA PEL		ACGIH TLV	
	STEL	TWA	STEL	TWA
Fenoxycarb	NE	NE	NE	NE
Isopropanol	NE	400 ppm	500 ppm	400 ppm
Hydrocarbon Propellant	NE	NE	NE	1000 ppm

### SECTION 3. HAZARDS IDENTIFICATION

#### SIGNS/SYMPTOMS OF EXPOSURE

May produce mild eye irritation.

#### HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition in open flame will result in carbon monoxide and carbon dioxide.

#### UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS

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

### SECTION 4. FIRST AID MEASURES

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

**Eye Contact:** Flush eyes with plenty of water. Call a physician if irritation persists.

**Skin Contact:** Wash with plenty of soap and water. Get medical attention.

**Ingestion:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching the back of the throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

**Medical Conditions Generally Aggravated by Exposure:** None known.

### SECTION 5. FIRE FIGHTING MEASURES

#### FIRE AND EXPLOSION

**Flash Point (for propellant):** -156° F (estimated)

**Flammable Limits in Air (% by volume) for propellant:**

Lower (LEL) = 1.8% Upper (UEL) = 9.5%

**NFPA 30B Flammability:** Level III Aerosol

#### UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS

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

#### IN CASE OF FIRE

**Extinguisher Media:** CO<sub>2</sub>, Dry Chemical, Foam

**Special Fire Fighting Procedures:** None required.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

#### IN CASE OF SPILL OR LEAK

If container begins to leak (through puncture, etc.) 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 (800-424-8802).

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

#### PROTECTIVE EQUIPMENT

**Eyes:** None required. Protective eyewear such as goggles, face shield or safety glasses is recommended.

**Skin:** Wear coveralls, chemical-resistant gloves, such as Barrier Laminate or Butyl Rubber or Nitrile Rubber or Neoprene Rubber or PVC or Viton and shoes plus socks.

#### WASTE DISPOSAL METHOD

Full or leaking containers should be taken to a local disposal company for biological treatment or incineration. Whitmire Micro-Gen suggests that all Local, State, and Federal regulations concerning health and pollution be reviewed to determine approved disposal procedures. Do not contaminate water, food or feed by storage or disposal.

### SECTION 7. HANDLING AND STORAGE

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Keep out of reach of children. CAUTION – Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Do not contaminate water, food, food stuffs or feed. Remove all pets. Cover fish tanks or remove.

#### USER SAFETY RECOMMENDATIONS

**Users should:** Wash hands before eating, drinking, chewing gum, using tobacco or using toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

#### PHYSICAL OR CHEMICAL HAZARDS

**Extremely Flammable.** Contents under pressure. Keep away from fire, sparks, and heated surfaces. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. This product contains a highly flammable ingredient. It may cause a fire or explosion if not used properly. Follow the "Directions for Use" on the label very carefully.

#### STORAGE

Do not contaminate water, food or feed by storage or disposal. Store in a cool, dry place away from heat or open flame.

### SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

**Respiratory Protection:** None required.

**Protective Gloves:** Wear chemical-resistant gloves (such as nitrile, Butyl, Neoprene and/or Barrier Laminate or PVC or Viton).

**Eye Protection:** None required.

**Other Protective Equipment:** Long-sleeved shirt and long pants, chemical resistant footwear plus socks.

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### 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 a strong mist. **Odor:** Characteristic Isopropanol odor.  
**pH:** NA **Vapor Pressure:** ≈ 60° psig @ 70° F  
**Viscosity:** NA **Vapor Density:** NA  
**Boiling Point:** NA **Freezing/Melting Point:** NA  
**Solubility in Water:** Will dissipate. **Specific Gravity:** 0.81 @ 20° C  
(H<sub>2</sub>O = 1.0)

### SECTION 10. STABILITY AND REACTIVITY

#### REACTIVITY

**Stability:** Indefinite when used 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 carbon monoxide and carbon dioxide.

### SECTION 11. TOXICOLOGICAL INFORMATION

#### ACUTE

**Eyes:** Product may produce mild irritation.  
**Skin:** Not a dermal sensitizer to albino guinea pigs. Acute dermal LD<sub>50</sub> > 2000 mg/kg (rabbits). Primary skin irritation index = 0.29 (rabbits).  
**Ingestion and Inhalation:** Unlikely due to the product being pressurized and producing particles large enough not to be respirable. Acute oral LD<sub>50</sub> > 5,000 mg/kg (rats).

#### CHRONIC / CARCINOGENICITY

This product is not classified as a carcinogen 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 highly toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.

### SECTION 13. DISPOSAL CONSIDERATION

Do not contaminate water, food or feed by disposal.

**Container Disposal:** Dispose of container in accordance with all Federal, state and local regulations. If steel aerosol can recycling is available, this container may be recycled. Before offering for recycling, empty the can by using the product according to the label. (DO NOT PUNCTURE!) If recycling is not available and if allowed by state and local regulations, wrap container and discard in trash.

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

### SECTION 14. TRANSPORT INFORMATION

#### DOT CLASSIFICATION

**Proper Shipping Name:** Consumer Commodity

**DOT Hazard Class:** ORM-D

#### INTERNATIONAL TRANSPORTATION

Not available

### 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 III) and is considered, under applicable definitions, to meet the following categories:

Immediate Health Hazard  
Fire Hazard  
Release of Pressure (Puncture) Hazard

#### SARA TITLE III SECTION 313 CHEMICALS

This product contains the following substances subject to the reporting requirements of Section 313 of the Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

Fenoxycarb 4.8%

#### 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:

HEALTH - 1  
FLAMMABILITY - 2  
REACTIVITY - 1

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.

NA - Not Applicable  
NE - Not Established  
PEL - Permissible Exposure Limit  
TLV - Threshold Limit Value  
STEL - Short Term Exposure Limit (15 min.)  
TWA - Time Weighted Average (8 hrs)



**WHITMIRE MICRO-GEN**  
RESEARCH LABORATORIES, INC.

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Code #: 191-092