

# MATERIAL SAFETY DATA SHEET

WHITMIRE MICRO-GEN  
RESEARCH LABORATORIES, INC.  
3568 TREE COURT IND. BLVD.  
ST. LOUIS, MO 63122  
EFFECTIVE DATE: JUNE 16, 1999

Prescription Treatment® brand

(800) 777-8570 (8:00 A.M. to 4:30 P.M. CST)

**AVERT®**

EMERGENCY PHONE NUMBERS:

Pressurized Cockroach Bait

MEDICAL: (800) 225-3320 PROSAR

Formula 1

TRANSPORTATION: (800) 424-9300 CHEMTREC

EPA REG. NO.: 499-322

## SECTION 1: HAZARDOUS INGREDIENTS

### Active Ingredients:

Abamectin: 0.01% (CAS #71751-41-2)  
[A mixture of avermectins containing ≥80% avermectin B<sub>1a</sub> (5-0-demethyl avermectin A<sub>1a</sub>) and ≤20% avermectin B<sub>1b</sub> (5-0-demethyl-25-de(1-methyl-propyl)-25-(1-methylethyl) avermectin A<sub>1a</sub>).]

**Solvents & Propellents:** 40.0%

Hydrocarbon Propellant (CAS #68476-85-7)  
Isoparaffinic Petroleum Solvent (CAS #64742-48-9)

ACGIH TLV/TWA	ACGIH STEL	OSHA PEL	TLV/PEL
			40 mcg/m <sup>3</sup> *

1000ppm	NE	NE	
NE	NE	500 ppm	

\*exposure limit recommended by manufacturer of active ingredient.

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

## SECTION 2: PHYSICAL DATA

**Boiling Point:** NA

**Specific Gravity (H<sub>2</sub>O = 1):** 0.9

**Vapor Pressure in Aerosol Can:** 50 psig @ 70°F

**Percent Volatile:** 40%

**Vapor Density:** NA

**Evaporation Rate:** NA

**Solubility in Water:** Slightly soluble.

**Appearance and Odor:** Brown liquid with mild odor.

## SECTION 3: FIRE AND EXPLOSION HAZARD DATA

**Flashpoint:** None (FIFRA Method 807.3) (Aerosol Concentrate)

**Flammable Limits:** NA

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

**Extinguishing Media:** CO<sub>2</sub>; Dry Chemical; Foam

**Special Firefighting Procedures:** None required.

**Unusual Fire and Explosion Hazards:** Contents under pressure. Exposure to temperatures above 130°F may cause bursting.

## SECTION 4: HEALTH HAZARD DATA

### Routes of Entry:

Inhalation? Tertiary	Skin? Primary	Ingestion? Secondary
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**Health Hazard (Acute and Chronic) - Signs and Symptoms of Exposure:**

**Eye:** May cause some reversible eye irritation. Caused slight conjunctival irritation in albino rabbits reversible in one hour. No corneal opacity or iritis was noted.

**Skin:** May cause slight irritation to skin. Primary irritation index = 3.25 for albino rabbits. Guinea pig dermal sensitization study showed material is not a primary skin irritant, fatiguing agent or skin sensitizer. Acute dermal toxicity - LD<sub>50</sub> > 2,000mg/kg in albino rats.

**Ingestion & Inhalation:** Unlikely due to the product being pressurized and producing particles large enough not to be respirable. Acute oral toxicity - LD<sub>50</sub> > 5,000mg/kg in albino rats.

**Carcinogenicity:**

NTP?	IARC Monograph?	OSHA Regulated?
No	No	No

### Emergency and First Aid Procedures:

**If Swallowed:** Harmful if swallowed. Call a physician or poison control center immediately.

Give 1 or 2 glasses of water and immediately induce vomiting by gently touching back of throat with finger or administer syrup of Ipecac. Do not induce vomiting or give anything by mouth to an unconscious person.

**If on Skin:** Remove contaminated clothing and wash affected areas with soap and warm water. Seek medical attention if irritation persists.

**If in Eyes:** Flush eyes with plenty of water. Get medical attention immediately.

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

## SECTION 5: REACTIVITY DATA

**Stability:** Indefinite.

**Conditions to Avoid:** Do not spray into open flame or onto very hot surfaces.

**Incompatibility (Materials to Avoid):** Abamectin can be hydrolyzed by strong, caustic solution.

**Hazardous Decomposition Products:** Thermal decomposition in open flame creates toxic gases (including CO and CO<sub>2</sub>).

**Hazardous Polymerization:** None known.

## SECTION 6: SPILL OR LEAK PROCEDURES

**If Container begins to leak (through puncture, etc.):** Allow it to discharge completely in a well ventilated area, then dispose of in a safe place. In case of contact with skin, wash thoroughly with soap and water.

**Steps to be taken in case material is released or spilled:** Suitable protective equipment should be worn during any spill clean-up operation. Residual surface material may be removed with towels moistened with methanol.

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

**Waste Disposal Method:** Do not contaminate water, food or feed by disposal. *Pesticide Disposal:* Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility. *Container Disposal:* This container may be recycled in the few but growing number of communities where steel aerosol can recycling is available. Before offering for recycling, empty this can by using the product according to the label (DO NOT PUNCTURE!). If recycling is unavailable, wrap the container and discard in the trash.

In case of spillage, this product is subject to reporting requirements of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

## SECTION 7: SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** Not required when applying finished product in Crack and Crevice® fashion.

**Ventilation:**

**Local Exhaust:** Local exhaust ventilation must be provided where dust may enter the work room environment.

**Mechanical:** None required. **Special:** None required. **Other:** None required.

**Protective Gloves:** None required - avoid contact with skin.

**Eye Protection:** None required - safety glasses or goggles are recommended.

**Other Protective Equipment:** None required.

## SECTION 8: SPECIAL PRECAUTIONS

**Precautions to be taken in handling and storage:** Do not contaminate water, food or feed by storage. Not for storage in and around the home. Store in a cool dry area away from heat or open flame and inaccessible to children.

**Other Precautions:** CAUTION: Harmful if swallowed or inhaled. May be absorbed through the skin. Avoid breathing of spray mist and provide adequate ventilation of area being treated.

Avoid contact with skin, eyes, or clothing. Wash thoroughly after using and before smoking or eating. Avoid contamination of food, utensils, and food preparation surfaces. For spot treatment only. Do not use as a space spray. Do not allow children or pets in treated areas until surfaces are dry. *Environmental Hazards:* This pesticide is toxic to fish and wildlife. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters. *Physical or Chemical Hazards:* Contents under pressure. Do not puncture or incinerate container. Do not use or store near heat or open flame. Exposure to temperatures above 130°F may cause bursting. Do not spray directly into any electronic equipment such as radios, televisions, computers, etc. Do not spray where electrical short circuits might result, such as wall outlets, conduits, etc.

## SECTION 9: HEALTH RATING INFORMATION (NFPA)

Health - 1      Flammability - 1      Reactivity - 1

## SECTION 10: SARA TITLE III/SEC. 313 SUPPLIER NOTIFICATION

This product contains the following toxic chemical subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know act of 1986 and of 40 CFR 372:

CAS#	Chemical Name	% by weight
This product contains no Section 313 chemicals exceeding the de minimis concentration levels.		

## SECTION 11: DOT SHIPPING INFORMATION

**Proper Shipping Name:** Consumer Commodity

**Hazard Class:** ORM-D

NA - Not Applicable

NE - Not Established

PEL - Permissible Exposure Limit

ACL - Acceptable Ceiling Level

MPC - Maximum Peak Concentration

**Product Code:** 02-0300

**Prepared by:** Dana M. Thomas

