

MATERIAL SAFETY DATA SHEET

WHITMIRE MICRO-GEN
RESEARCH LABORATORIES, INC.
3568 TREE COURT IND. BLVD.
ST. LOUIS, MO 63122
EFFECTIVE DATE: OCTOBER 28, 1998

Prescription Treatment® brand

AVERT®

Dry Flowable Cockroach Bait
Formula 1

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

EMERGENCY PHONE NUMBERS:

MEDICAL: (800) 225-3320 PROSAR

TRANSPORTATION: (800) 424-9300 CHEMTREC

EPA REG. NO.: 499-294

SECTION 1: HAZARDOUS INGREDIENTS

Active Ingredients:	ACGIH	ACGIH	OSHA	TLV/PEL
	TLV/TWA	STEL	PEL	
Abamectin: 0.05% (CAS #71751-41-2)	NE	NE	NE	40 mcg/m ³ *

[A mixture of avermectins containing ≥80% avermectin B_{1a} (5-0-demethyl avermectin A_{1a}) and ≤20% avermectin B_{1b} (5-0-demethyl-25-de(1-methyl-propyl)-25-(1-methylethyl) avermectin A_{1a})] s

*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	Vapor Density: NA
Specific Gravity (H ₂ O = 1): NA	Evaporation Rate: NA
Vapor Pressure in Aerosol Can: NA	Solubility in Water: Insoluble
Percent Volatile: 5.5%	Appearance and Odor: Brown dust with mild odor.
Bulk Density: 42 lbs./ft. ³	

SECTION 3: FIRE AND EXPLOSION HAZARD DATA

Flashpoint: NA
Flammable Limits: NE
LEL: 0.130 oz./ft.³ UEL: NE
NFPA 30B Flammability: NA
Extinguishing Media: CO₂, Dry Chemical
Special Firefighting Procedures: Avoid creating significant airborne dust. Respiratory protection is recommended for fire fighters.
Unusual Fire and Explosion Hazards: Can form an explosive mixture in air if lower explosive limit is met.

SECTION 4: HEALTH HAZARD DATA

Routes of Entry:

Inhalation?	Skin?	Ingestion?
Primary	Tertiary	Secondary

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 seven days. Caused a dull cornea in albino rabbits reversible in three days.
Skin: Non-irritating to skin. Primary irritation index = 0.00 for albino rabbits. Acute Dermal toxicity - LD₅₀ > 2,000 mg/kg in albino rabbits. Guinea pig dermal sensitization study showed material is not a primary skin irritant, fatiguing agent or skin sensitizer.
Ingestion & Inhalation: Acute Oral toxicity - LD₅₀ > 5,000 mg/kg in albino rats. Particle size greatly reduces the possibility of inhalation.
Carcinogenicity:

NTP?	IARC Monograph?	OSHA Regulated?
No	No	No

Emergency and First Aid Procedures:

If Swallowed: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

If Inhaled: Remove patient to fresh air. Apply artificial respiration if indicated. Seek medical attention.

If on Skin: Wash with soap and warm water. Seek medical attention if irritation persists.

If in Eyes: Flush with plenty of water. Seek medical attention if irritation persists.

Medical Conditions Generally Aggravated by Exposure: None known.

SECTION 5: REACTIVITY DATA

Stability: Indefinite
Conditions to Avoid: None known.
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 CO₂), toxic dust and smoke may be generated.

Hazardous Polymerization: None known.

SECTION 6: SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Spilled material should be carefully collected and containerized in a manner that produces the least amount of airborne dust. 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: *Pesticide Disposal:* Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water, food or feed by disposal. *Container Disposal:* Do not reuse empty container. Wrap container and put in 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: Provide adequate ventilation in treated areas.

Local Exhaust: Local exhaust ventilation must be provided where dust may enter the work room environment. **Mechanical:** None required.

Special: Containment areas should have dedicated exhaust and dust collection systems (HEPA filters or collectors). **Other:** None required.

Protective Gloves: None required.

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 use on or contaminate fruit, vegetables or other food or feed crops. Do not apply to humans, animals, clothing or bedding. Do not contaminate feed or food products or food preparation surfaces, dishes, kitchen utensils and food containers. IMPORTANT NOTICE: Do not dispense this product with power dusters in confined areas (i.e. attics, hot water heater closets, furnace rooms, etc.) in the presence of open flames, such as pilot lights. *Hazards to Humans and Domestic Animals:* CAUTION - Harmful if swallowed, inhaled or absorbed through the skin. Do not breathe dust. Do not allow to contact skin, eyes or clothing. If contact occurs, wash skin with soap and warm water, or eyes with clean water. Wash hands and exposed skin before eating, drinking or smoking and after handling. Wash all contaminated clothing thoroughly before reuse. Do not apply where children (or domestic animals) are likely to come in frequent contact with treated areas. Any powder visible after application is complete should be brushed into cracks or crevices or removed. No generalized dusting should be done in household areas accessible to children or pets. *Environmental Hazards:* This pesticide is toxic to fish and wildlife. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment areas. *Storage:* Store in a tightly closed container in a cool, dry place.

SECTION 9: HEALTH RATING INFORMATION (NFPA)

Health - 1 Flammability - 0 Reactivity - 1

SECTION 10: SARATITLEIII/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: Pesticide, NOI (not regulated)

NA - Not Applicable
NE - Not Established
PEL - Permissible Exposure Limit
ACL - Acceptable Ceiling Level
MPC - Maximum Peak Concentration

Product Code: 02-0310
Prepared by: Dana M. Thomas

