

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:

Abamectin: 0.05% (CAS #71751-41-2)
[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.

ACGIH TLV/TWA	ACGIH STEL	OSHA PEL	TLV/PEL
NE	NE	NE	40 mcg/m ³ *

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 2: PHYSICAL DATA

Boiling Point: NA

Specific Gravity (H₂O = 1): NA

Vapor Pressure in Aerosol Can: NA

Percent Volatile: 5.5%

Bulk Density: 42 lbs./ft.³

Vapor Density: NA

Evaporation Rate: NA

Solubility in Water: Insoluble

Appearance and Odor: Brown dust with
mild odor.

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 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: SARATITLE 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: 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