

# MATERIAL SAFETY DATA SHEET

## Prescription Treatment® brand Avert® Dry Flowable Cockroach Bait Formula 1

### EMERGENCY PHONE NUMBERS:

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

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

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Prescription Treatment brand Avert Dry Flowable Cockroach Bait Formula 1  
**EPA Reg. No.:** 499-294  
**Product Code(s):** 02-0310 (12 x 30 grams)  
**EPA Signal Word:** CAUTION  
**Distributed by:** Whitmire Micro-Gen Research Laboratories, Inc.  
3568 Tree Court Industrial Blvd.  
St. Louis MO 63122-6682

### SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

#### COMPOSITION INFORMATION

ACTIVE INGREDIENT (0.05%)	%	CAS NO.
Abamectin B <sub>1</sub>	0.05%	71751-41-2
<b>OTHER INGREDIENTS* (99.95%)</b>		

\* All ingredients may not be listed. Ingredients not listed do not meet the reporting requirements of the OSHA Hazard Communication Standard (HCS) as specified in 29 CFR 1910.1200.

#### EXPOSURE INFORMATION

MATERIAL	OSHA PEL		ACGIH TLV	
	STEL	TWA	STEL	TWA
Abamectin B <sub>1</sub> *	NE	NE	NE	NE

\* TWA recommended by ingredient supplier = 0.02 mg/m<sup>3</sup>

### SECTION 3. HAZARDS IDENTIFICATION

#### SIGNS/SYMPOTMS OF EXPOSURE

May cause some reversible eye damage.

#### ROUTES OF ENTRY

**Primary:** Inhalation      **Secondary:** Ingestion      **Tertiary:** Skin

#### HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition in open flame creates toxic gases (including carbon monoxide and carbon dioxide). Toxic dust and smoke may be generated.

#### UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS

Can form explosive mixture in air if lower explosive limit is met.

### 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.

**Ingestion:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

**Inhalation:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**Skin Contact:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**Eye Contact:** Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

**Note to Physician:** None

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

**Emergency Telephone Number of Prosar:** 800-225-3320 (for medical emergencies.)

### SECTION 5. FIRE FIGHTING MEASURES

#### FIRE AND EXPLOSION

**Flash Point (TCC):** NE

**Explodability Limits in Air (% by volume):**

Lower (LEL) = 0.130 oz/ft<sup>3</sup>      Upper (UEL) = NE

#### UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS

Can form explosive mixture in air if lower explosive limit is met.

### IN CASE OF FIRE

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

**Special Fire Fighting Procedures:** Avoid creating significant airborne dust. Respiratory protection is recommended for fire fighters.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

#### IN CASE OF SPILL OR LEAK

Spilled material should be carefully collected and containerized in a manner that produces the least amount of airborne dust. Residual surface material may be removed with towels moistened with water.

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.

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

#### PROTECTIVE EQUIPMENT FOR CLEANUP PERSONNEL

**Eyes:** Use proper protection – safety glasses are recommended.

**Skin:** Wear chemical resistant gloves. (Good practice requires that gross amounts of any chemical be removed from the skin as soon as practical, especially before eating or smoking.)

**Inhalation:** Use of a respirator may be appropriate when working with spills in enclosed or confined spaces. When using a respirator, wear a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R or P prefilter.

#### WASTE DISPOSAL METHOD

Do not contaminate water, food or feed by storage or disposal of wastes. 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. NEVER PLACE WASTES DOWN ANY INDOOR OR OUTDOOR DRAIN OR SEWER.

### 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 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 re-use. Do not apply where children or domestic animals are likely to come in frequent contact with treated areas. No generalized dusting should be done in household areas accessible to children or pets.

#### OTHER PRECAUTIONS

Do not use on or contaminate fruit, vegetables or other food or feed crops. Do not apply directly to humans, animals, clothing or bedding. Do not contaminate feed, food products or food preparation surfaces, dishes, kitchen utensils or food containers. 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.

#### STORAGE

Do not contaminate water, food or feed. Keep container tightly closed. Store in a cool, dry area inaccessible to children.

### SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

**Respiratory Protection:** For prolonged exposure or if used in enclosed or confined areas, a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any R or P prefilter may be used.

**Protective Gloves:** Chemical resistant gloves are recommended if prolonged or repeated skin contact is likely. (Good practice requires that gross amount of any chemical be removed from the skin as soon as practical, especially before eating or smoking.)

**Eye Protection:** Use proper protection – safety glasses are recommended.

**Other Protective Equipment:** None required.

#### VENTILATION

**Local Exhaust:** None required.

**Mechanical:** None required.

**Special:** None required.

**Other:** Provide adequate ventilation in treated areas.

# MATERIAL SAFETY DATA SHEET

## Prescription Treatment® brand Avert® Dry Flowable Cockroach Bait Formula 1

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b> Brown dust	<b>Odor:</b> Mild odor
<b>Solubility in Water:</b> Insoluble	<b>Vapor Pressure:</b> NA
<b>Viscosity:</b> NA	<b>Vapor Density:</b> NE
<b>Boiling Point:</b> NE	<b>Freezing/Melting Point:</b> NE
<b>pH:</b> NA	<b>Density:</b> 42 lbs/ft <sup>3</sup>

### SECTION 10. STABILITY AND REACTIVITY

#### REACTIVITY

**Stability:** Indefinite when used according to label directed.

**Conditions to Avoid:** None known.

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

**Hazardous Polymerization:** Will not occur.

#### HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition in open flame creates toxic gases (including carbon monoxide and carbon dioxide). Toxic dust and smoke may be generated.

### SECTION 11. TOXICOLOGICAL INFORMATION

#### ROUTES OF ENTRY

**Primary:** Inhalation

**Secondary:** Ingestion

**Tertiary:** Skin

#### ACUTE

**Eyes:** May cause some reversible eye irritation. Product produced slight conjunctival eye irritation in albino rabbit eyes reversible within seven days. Caused a dull cornea in albino rabbit eyes, reversible in three days.

**Skin:** Non-irritating to skin. Acute dermal LD<sub>50</sub> > 2,000 mg/kg (rabbits). Primary skin irritation index = 0.00 (rabbits). Product is not a sensitizer when tested on guinea pigs.

**Ingestion:** Acute oral toxicity LD<sub>50</sub> > 5,000 mg/kg (rats).

**Inhalation:** Particle size greatly reduces the possibility of inhalation.

#### CHRONIC / CARCINOGENICITY

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).

### SECTION 12. ECOLOGICAL INFORMATION

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 of 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.

### SECTION 13. DISPOSAL CONSIDERATION

Do not contaminate water, food or feed by disposal of container or waste. Dispose of container in accordance with all Federal, state and local regulations.

**Container Disposal:** Empty container by using the product according to the label directions. Do not reuse this container! Offer empty container for recycling, if available, or place in trash if allowed by state and local regulations. If container is partly full, contact your local solid waste agency or call 1-800-CLEANUP for disposal instructions.

**Waste Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. NEVER PLACE UNUSED PRODUCT DOWN ANY INDOOR OR OUTDOOR DRAIN!

### SECTION 14. TRANSPORT INFORMATION

This product is not regulated for transportation via any mode of transportation.

### 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

#### SARA TITLE III SECTION 313 CHEMICALS

This product contains no substances subject to the reporting requirements of Section 313 of the Superfund Amendments and Reauthorization Act of 1986 (SARA Title III) or 40 CFR Part 372 in concentrations above the de minimis concentration level.

#### 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 - 0	REACTIVITY - 1
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#### HMIS HAZARD RATING SYSTEM

HEALTH - 1	FLAMMABILITY - 0	REACTIVITY - 1
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**KEY:**  
4 = Severe  
3 = Serious  
2 = Moderate  
1 = Slight  
0 = Minimal

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. For automatic MSDS updates, register at [www.wmmg.com](http://www.wmmg.com).

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.

800-777-8570 [www.wmmg.com](http://www.wmmg.com)

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