MATERIAL SAFETY DATA SHEET

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

EMERGENCY PHONE NUMBERS:

MEDICAL: 800-225-3320 (PROSAR)

TRANSPORTATION: 800-424-3900 (CHEMTREC)

IN CASE OF FIRE

Extinguisher Media: CO₂, Dry Chemical

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

SECTION 5. FIRE FIGHTING MEASURES

UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS

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

SECTION 5. FIRE FIGHTING MEASURES

FIRE AND EXPLOSION

Flash Point (TCC): NE

Explosibility Limits in Air (% by volume):

Lower (LEL) = 0.130 %

Upper (UEL) = NE

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 3. HAZARDS IDENTIFICATION

SIGNS/SYMPTOMS 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 2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPOSITION INFORMATION

ACTIVE INGREDIENT (0.05%) % CAS NO.

Abamectin B₁ 0.05% 71751-41-2

OTHER INGREDIENTS* (99.95%)

* 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

OSHA PEL ACGIH TLV

MATERIAL STEL TWA STEL TWA

Abamectin B₁* NE NE NE NE

* TWA recommended by ingredient supplier = 0.02 mg/m³

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Prescription Treatment brand Avert Dry Flowable Cockroach Bait Formula 1

EPA Reg. No.: 496-294

Product Code(s): 02-0310 (12 x 30 grams)

EPA Signal Word: CAUTION

Distributed by: Whitline Micro-Gen Research Laboratories, Inc.

3568 Tree Court Industrial Blvd.

St. Louis MO 63122-6562

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 near toxicant foods, 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 disperse 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 amounts 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

Appearance: Brown dust
Odor: Mild odor
Solubility in Water: Insoluble
Vapor Pressure: NA
Viscosity: NA
Boiling Point: NE
Vapor Density: NE
pH: NA
Freezing/Melting Point: NE
Density: 42 lbs/ft³

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 and corneal 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 LD₅₀ > 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 LD₅₀ > 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 instructions. 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 Amendments 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
HMIS HAZARD RATING SYSTEM
HEALTH - 1 FLAMMABILITY - 0 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. For automatic MSDS updates, register at www.wmg.com.

Questions concerning the safe handling of the product should be referred to the Whitmire Micro-Gen customer service department at 800-777-8670.

 эффективная дата 9/30/05
дата обновления: 9/30/05
номер версии: 12/10/03
код: 03117-4
код партии: 19-0733-02

Page 2 of 2
Prescription Treatment® brand

AVERT®

Dry Flowable Cockroach Bait Formula 1

KILLS:
Ants, Booklice, Carpet Beetles, Cockroaches (including carbamate, organophosphate, organochlorine and pyrethroid resistant strains), Crickets, Drugstore Beetles, Earwigs, Flour Beetles, Grain Weevils, Pillbugs and sowbugs.

FOR USE IN:
Apartments, Campgrounds, Garages, Food Storage Areas, Homes, Hospitals and Nursing Homes (non-occupied patient areas), Hotels, Meat Packing and Food Processing Plants, Motels, Resorts, Restaurants and other Food Handling Establishments, Schools®, Supermarkets, Transportation Equipment (Buses, Boats, Ships, Trains, Trucks, Planes®), Utilities, Warehouses, and other Commercial and Industrial Buildings.

ACTIVE INGREDIENTS:
Abamectin® B1: ................................................................. 0.050%
Related Compounds: .................................................... 0.004%

OTHER INGREDIENTS: .................................................... 99.946%
TOTAL: 100.000%

EPA Reg. No. 499-294
KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID
IF SWALLOWED: Call 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.

IF INHALED: 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.

IF ON SKIN OR CLOTHING: 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.

IF IN EYES: 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.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also call 1-800-225-3320 for emergency medical treatment information.

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.

PRECAUTIONARY STATEMENTS
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 re-use.

Do not apply where children (or domestic animals) are likely to come in frequent contact with treated areas. Any powder visible after application should be brushed into cracks or crevices or removed. No generalized dusting should be done in household areas accessible to children or pets.

DIRECTIONS FOR USE
IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

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

WHITMIRE MICRO-GEN
RESEARCH LABORATORIES, INC.

NOTE: This specimen label is for informational purposes only. All uses may not be approved in all states. See labeling which accompanied product for Directions for Use or call 800-777-8570 for more information. For automatic specimen label updates, register at www.wmmg.com.
Avert® Dry Flowable Cockroach Bait Formula 1

- 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.

GENERAL INSTRUCTIONS
Avert Dry Flowable is intended for application with the supplied hand duster to hiding and runway areas and those places where pests are found. Apply insecticide directly into cracks and crevices. Apply lightly and uniformly to infested areas. Pay particular attention to cracks and crevices; service ducts; false floors and ceilings; wall voids; around electrical and telephone fittings and equipment; around water and sewer pipes; under and behind cabinets, refrigerators and sinks; around window and door frames; and in attics and crawl spaces.

The amount to be applied will vary with the site. Concentrate treatment at insect activity sites. For light infestations, a minimum of 4 - 6 bait points is recommended per 100 sq. feet of treatment area. For heavy infestations, a minimum of 12 - 24 bait points is recommended per 100 sq. feet of treatment area. During follow-up visits, inspect bait placements and reapply when necessary.

INDOOR TREATMENTS
COCKROACHES, ANTS AND CRICKETS: Apply thoroughly to all areas where these pests crawl and hide, especially in cracks and crevices and hidden surfaces around sinks and storage areas, behind baseboards, around doors and windows, cabinets, stoves, behind refrigerators and in attics and crawl spaces.

EARWIGS, PILLBUGS AND SOWBUGS: Apply in cracks and crevices around doors and windows and other places where these pests may enter premises. Treat voids and other enclosed locations where these pests are found.

PANTRY PESTS - Including Drugstore Beetles (adult stage and larval stage), Flour Beetles and Grain Weevil: Remove all food and shelving paper before treatment. Treat cracks and crevices and/or voids where these insects may be harboring or hibernating. Infested areas include, but are not limited to, cracks and crevices in cabinets, pantries and wall voids. During follow-up visits, inspect bait placements and reapply when necessary. Cover shelves with shelving paper after treatment. Destroy infested food packages.

CARPET BEETLES - Including Black, Furniture and Varied: Apply to cracks and crevices where these insects are found.

AIRCRAFT CABINS: Apply bait in suspected and infested cockroach areas. Place a bait placement in areas between elements of construction. Use 12 - 24 bait placements per 100 sq. feet. Do not apply any bait in cockpit area.

FOOD AREAS OF FOOD/FEED HANDLING ESTABLISHMENTS: Food/feed handling establishments are places other than private residences in which food/food is held, processed, prepared or served. APPLICATIONS OF AVERT DRY FLOWABLE IN FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS ARE LIMITED TO CRACK & CREVICE® TREATMENT ONLY. Food areas include areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas (where food is exposed and facility is in operation) would also be considered a food area. Apply product according to the level of infestation as prescribed in the General Instructions into cracks and crevices associated with wall voids, pieces of equipment, stainless steel tables, drains, storage equipment and dining tables. Also apply between elements of construction. During follow-up visits, inspect bait placements and reapply when necessary. Do not contaminate feed or food products or food preparation surfaces, dishes, kitchen utensils or food containers.

OUTDOOR TREATMENTS
Use for control of ants, cockroaches, crickets, earwigs, ground beetles, pillbugs and sowbugs. Inject into cracks and crevices around windows and doors, porches, screens, eves, patios, garages, under stairways and in crawl spaces and other areas where pests hide, such as tree holes and cracks in fences.

STORAGE AND DISPOSAL
Do not contaminate water, food or feed by storage or disposal.

STORAGE: Store in a tightly closed container in a cool, dry place.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Empty container by using the product according to the label directions. Do not reuse this container! Place empty container in trash or offer for recycling if available. If container is partly filled, call your local solid waste agency or 1-800-CLEANUP for disposal instructions. NEVER PLACE UNUSED PRODUCT DOWN ANY INDOOR OR OUTDOOR DRAIN!

A Prescription Treatment® brand insecticide from:
Whitmire Micro-Gen Research Laboratories, Inc.
3568 Tree Court Industrial Blvd.
St. Louis MO 63122-6682
www.wmg.com
© 2005 Whitmire Micro-Gen Research Laboratories, Inc.

NOTE: This specimen label is for informational purposes only. All uses may not be approved in all states. See labeling which accompanied product for Directions for Use or call 800-777-8570 for more information. For automatic specimen label updates, register at www.wmg.com.

060321-51