

# MATERIAL SAFETY DATA SHEET

## Prescription Treatment® brand ADVANCE™ Cockroach Gel Bait Reservoir

Part No.: 19-0212-01

### EMERGENCY PHONE NUMBERS:

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

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

### SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Prescription Treatment® brand ADVANCE™  
Cockroach Gel Bait Reservoir  
**EPA Reg. No.:** 499-507  
**Product Code(s):** 02-0355 (4 x 30 g)  
**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 INGREDIENTS (0.50%)	%	CAS NO.
Dinotefuran	0.50%	165252-70-0

#### OTHER INGREDIENTS\* (99.50%)

\* 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
Dinotefuran	NE	NE	NE	NE

### SECTION 3. HAZARDS IDENTIFICATION

#### SIGNS/SYMPTOMS OF EXPOSURE

May cause slight irritation to eyes.

#### ROUTES OF ENTRY

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

#### HAZARDOUS DECOMPOSITION PRODUCTS

Produces normal products of combustion such as carbon dioxide and water vapor and may produce: Oxides of nitrogen

### 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.

**Skin Contact:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 min. 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 min.

Remove contact lenses, if present, after the first 5 min, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

**Inhalation:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further 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):** None (concentrate)

**Explosibility Limits of Propellant in Air (% by volume):**

Lower (LEL) = NA

Upper (UEL) = NA

#### UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS

None known

#### IN CASE OF FIRE

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

**Special Fire Fighting Procedures:** None required

### SECTION 6. ACCIDENTAL RELEASE MEASURES

#### IN CASE OF SPILL OR LEAK

If container begins to leak (through puncture, etc.), allow to discharge completely, then dispose of as directed below. 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:** None required

#### 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 or absorbed through the skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

#### PHYSICAL OR CHEMICAL HAZARDS

Do not store or use near heat or open flame. Do not use this product where a possibility of a shock hazard exists.

#### STORAGE

Do not contaminate water, food or feed. Store in a cool, dry place away from heat or open flame and inaccessible to children.

### SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

**Respiratory Protection:** None required

**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:** None required

# MATERIAL SAFETY DATA SHEET

## Prescription Treatment® brand ADVANCE™ Cockroach Gel Bait Reservoir

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** Tan gel  
**Solubility in Water:** Slightly soluble  
**Viscosity:** 124.5x10<sup>3</sup> cps @ 23°C  
**Boiling Point:** NE  
**pH:** 6.42 @ 22.8°C

**Odor:** Mild odor  
**Vapor Pressure:** NE  
**Vapor Density:** NE  
**Freezing/Melting Point:** NE  
**Density:** 1.20 g/cm<sup>3</sup> @ 20°C (H<sub>2</sub>O = 1.0)

### SECTION 10. STABILITY AND REACTIVITY

#### REACTIVITY

**Stability:** Indefinite when used according to label directions.  
**Conditions to Avoid:** Do not apply onto very hot surfaces.  
**Incompatibility (Material to Avoid):** Avoid contact with hydrofluoric acid; heat may be generated.  
**Hazardous Polymerization:** Will not occur

#### HAZARDOUS DECOMPOSITION PRODUCTS

Produces normal products of combustion such as carbon dioxide and water vapor and may produce: Oxides of nitrogen

### SECTION 11. TOXICOLOGICAL INFORMATION

#### ROUTES OF ENTRY

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

#### ACUTE

**Eyes:** Product was non-irritating to albino rabbit eyes.  
**Skin:** Acute dermal LD<sub>50</sub> > 2,000 mg/kg (rats). Minimally irritating (rabbits). Product is not a sensitizer when tested on guinea pigs.  
**Ingestion:** Acute oral toxicity LD<sub>50</sub> > 2,000 mg/kg (rats).  
**Inhalation:** Not applicable. Formulation is a gel.

#### 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

Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

### SECTION 13. DISPOSAL CONSIDERATION

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

**Container Disposal:** Do not reuse this container. Empty container by using the product according to the label directions. 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 OR WASTE DOWN ANY INDOOR OR OUTDOOR DRAIN OR SEWER.

### SECTION 14. TRANSPORT INFORMATION

#### SHIPMENT BY GROUND WITHIN U.S. (DOT CLASSIFICATION)

**Proper Shipping Description:** Pesticide, NOI (Not Regulated)  
**Package Marking:** None required  
**Package Labeling:** None required  
**Certified Packaging:** None required

#### SHIPMENT BY WATER (IMDG CLASSIFICATION)

**Proper Shipping Description:** NA (Not Regulated)  
**Package Marking:** None required  
**Package Labeling:** None required  
**Certified Packaging:** None required

#### SHIPMENT BY AIR (ICAO/IATA CLASSIFICATION)

**Proper Shipping Description:** NA (Not Regulated)  
**Package Marking:** None required  
**Package Labeling:** None required  
**Certified Packaging:** None required

**Other Requirements or Instructions:** None required

Product in unopened original packaging is compliant with all regulations for ground shipment within the U.S. WMG disclaims any liability for claims or damages that may result from shipment by other means. Consult appropriately trained shipping professional before offering for shipment by water or air.

### 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 minimus 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 - 0

#### HMS HAZARD RATING INFORMATION

HEALTH - 1      FLAMMABILITY - 0      REACTIVITY - 0

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 hr)



**WHITMIRE MICRO-GEN**  
RESEARCH LABORATORIES, INC.

Effective Date: 5/1/06  
Review Date: NA  
Supersedes: NA  
Text ID: 060613-1  
Code #: 225-038, NE  
Part No.: 19-0212-01