

MATERIAL SAFETY DATA SHEET

PRESCRIPTION TREATMENT® brand ADVANCE® Granular Ant 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 ADVANCE® Granular Ant Bait Formula 1
EPA Reg. No.: 499-370
Product Code(s): 02-0380 (6 x 12 oz.)
02-0381 (4 x 6 lb.)
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 (0.011%) | % | CAS NO. |
|-----------------------------|--------|------------|
| Abamectin B1 | 0.011% | 71751-41-2 |

OTHER INGREDIENTS* (99.989%)

* 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 B1* | NE | NE | NE | NE |

* TWA recommended by ingredient supplier = 40 mg/m³.

SECTION 3. HAZARDS IDENTIFICATION

SIGNS/SYMPTOMS OF EXPOSURE

May cause some reversible eye irritation.

ROUTES OF ENTRY

Primary: skin **Secondary:** ingestion **Tertiary:** inhalation

HAZARDOUS DECOMPOSITION PRODUCTS

If involved in fire, toxic gases including CO, CO₂, toxic dust and smoke may be generated.

UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS

Material will burn if ignited.

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 minutes. Call a poison control center or doctor for treatment advice.

Eye Contact: Hold eyes open and rinse slowly and gently 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.

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

Explosibility Limits in Air (% by volume):

Lower (LEL) = NE

Upper (UEL) = NE

NFPA 30B Flammability: NA

UNUSUAL FIRE, EXPLOSION AND REACTIVITY HAZARDS

Material will burn if ignited.

IN CASE OF FIRE

Extinguisher Media: CO₂, Dry Chemical, Foam

Special Fire Fighting Procedures: Respiratory protection is recommended for fire fighters. Excessive use of water may create excess run-off water which may lead to contamination of the environment. Follow environmental and personal safety precautions noted for spill or leak.

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 methanol.

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

Eyes: Use proper protection – safety glasses as a minimum.

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: If working in enclosed spaces, wear a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P, or HE prefilter.

WASTE DISPOSAL METHOD

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. Do not contaminate water, food or feed by storage or disposal of wastes.

SECTION 7. HANDLING AND STORAGE

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Keep out of reach of children. [SIGNAL WORD] – Harmful if swallowed or absorbed through skin. Avoid breathing dust. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Do not contaminate kitchen utensils with this product. Pets may be attracted to this product.

OTHER PRECAUTIONS

When handling on a regular basis, shower and a clean change of clothes are recommended at the end of the work day. Wash hands before eating, drinking or smoking. For use on non-cropland only. Do not treat grazing fields. Apply when ants are actively foraging. This is usually when soil temperatures are above 60° F. Avoid application during excessive hot periods of the day or when the grass is wet from rain or heavy dew. Crops treated with ADVANCE™ Granular Ant Bait must not be used for food or feed until residue tolerance for this chemical has been established or until the appropriate laws and regulations of the country of use have been established. Do not use in the food/feed areas of food/feed handling establishments, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. See label for clarification. When applying this product in the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Exposed food should be covered or removed.

STORAGE

Do not contaminate water, food or feed by storage. Store in a cool, dry space which is inaccessible to children, pets, livestock or wildlife. Do not store near heat or flame. Store in tightly closed container. Do not reuse empty container.

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SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Respiratory Protection: None required when used according to label directions. For prolonged exposure or if used in enclosed areas, a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P, or HE 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 as a minimum.

Other Protective Equipment: None required when used according to label directions.

VENTILATION

Local Exhaust: None required.

Mechanical: None required.

Special: None required.

Other: None required.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: A granular corn grit bait, yellow in color. **Odor:** NE

Solubility in Water: Insoluble

Viscosity: NA

Boiling Point: NE

pH: NA

Vapor Pressure: NA

Vapor Density: NA

Freezing/Melting Point: NE

Density: 0.32 g/ml @ 20° C

SECTION 10. STABILITY AND REACTIVITY

REACTIVITY

Stability: Stable under normal conditions.

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

If involved in a fire, toxic gases including CO, CO₂, toxic dust and smoke may be generated.

SECTION 11. TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY

Primary: skin

Secondary: ingestion

Tertiary: inhalation

ACUTE

Eyes: Caused slight conjunctival irritation in albino rabbits reversible in seven days. Caused a dull cornea in albino rabbits reversible in three days. No iritis was observed.

Skin: Non-irritating to skin. Irritation index = 0.00 for albino rats. Acute dermal toxicity (LD₅₀) = 2.0 g/kg in albino rabbits.

Ingestion: Acute oral toxicity (LD₅₀) > 5.0 g/kg in albino rats.

Inhalation: Bait particles are not respirable. The product does not represent an inhalation hazard.

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, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

SECTION 13. DISPOSAL CONSIDERATION

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

Container Disposal: Do not reuse empty container. Before disposal, empty the container by using the product according to the label directions. Triple rinse (or equivalent), then offer for recycling or reconditioning. If recycling or reconditioning is not available, puncture and dispose of in a sanitary landfill.

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

SECTION 14. TRANSPORT INFORMATION

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

Proper Shipping Name: NA (Product not Regulated by DOT)

DOT Hazard Class: NA

SHIPMENT BY AIR (IATA CLASSIFICATION)

No information available.

SHIPMENT BY WATER (MDG CLASSIFICATION)

No information available.

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:

Acute 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 - 1 REACTIVITY - 0

HMIS HAZARD RATING INFORMATION

HEALTH - 1 FLAMMABILITY - 1 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.

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.

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