

# MATERIAL SAFETY DATA SHEET

WHITMIRE MICRO-GEN  
RESEARCH LABORATORIES, INC.  
3568 TREE COURT IND. BLVD.  
ST. LOUIS, MO 63122-6682  
EFFECTIVE DATE: JUNE 26, 2000

Prescription Treatment® brand  
**ADVANCE™**  
Granular Carpenter Ant Bait

(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.: 499-370

## SECTION 1: HAZARDOUS INGREDIENTS

	ACGIH TLV/TWA	ACGIH STEL	OSHA PEL	TLV/PEL
Abamectin: 0.011% (CAS #71751-41-2) [A mixture of avermectins containing ≥80% avermectin B <sub>1a</sub> (5-0-demethyl- avermectin A <sub>1a</sub> ) and ≤20% avermectin B <sub>1b</sub> (5-0- demethyl-25-de(1-methylpropyl)-25-(1- methylethyl) avermectin A <sub>1a</sub> .)]	NE	NE	NE	40 mcg/m <sup>3</sup> *

\*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.

## SECTION 2: PHYSICAL DATA

<b>Boiling Point:</b> NA	<b>Bulk Density (Air = 1):</b> ND
<b>Specific Gravity (H<sub>2</sub>O = 1):</b> NA	<b>Solubility in Water:</b> Insoluble
<b>Vapor Pressure:</b> NA	<b>Appearance and Odor:</b> A granular corn grit bait, yellow in color.
<b>pH:</b> NA	

## SECTION 3: FIRE AND EXPLOSION HAZARD DATA

**Flashpoint:** NE    **Flammable Limits:** NE    **LEL:** NE    **UEL:** NE  
**Extinguishing Media:** CO<sub>2</sub>; Dry Chemical; Foam  
**Special Firefighting 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.  
**Unusual Fire and Explosion Hazards:** Material will burn if ignited.

## SECTION 4: HEALTH HAZARD DATA

**Health Hazard (Acute and Chronic) - Signs and Symptoms of Exposure:**  
**Eye Contact:** 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. No iritis was observed.  
**Skin Contact:** Non-irritating to skin. Irritation Index = 0.00 for albino rabbits. Acute dermal toxicity - LD<sub>50</sub> > 2.0g/kg in albino rabbits.  
**Ingestion and Inhalation:** Acute oral toxicity - LD<sub>50</sub> > 5.0g/kg in albino rats. Bait particles are not respirable. The product does not represent an inhalation hazard.  
**Carcinogenicity:**

NTP?	IARC Monograph?	OSHA Regulated?
No	No	No

### Emergency and First Aid Procedures:

**If Swallowed:** Call a physician or poison control center. Give 1 or 2 glasses of water and immediately induce vomiting by gently touching back of throat with finger or administer syrup of Ipecac. Do not give anything by mouth to an unconscious person. Get medical attention.  
**If on Skin:** Remove contaminated clothing and wash affected areas with soap and water.  
**If in Eyes:** Flush with plenty of water. Call a physician if irritation persists.

## SECTION 5: REACTIVITY DATA

**Stability:** Stable under normal conditions.    **Conditions to Avoid:** None known.  
**Incompatibility (Materials to Avoid):** Abamectin can be hydrolyzed by strong caustic solution.  
**Hazardous Decomposition Products:** If involved in a fire, toxic gases including CO, CO<sub>2</sub>, toxic dust and smoke can be generated.  
**Hazardous Polymerization:** None known.

## 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:** Do not contaminate water, food or feed by disposal. *Pesticide Disposal:* Waste resulting from use of this product may be disposed of on site or at an approved waste disposal facility. *Container Disposal:* Rinse thoroughly before discarding in trash. Securely wrap original container in several layers of newspaper and discard in trash. Do not reuse container.  
In case of spillage, this product is subject to reporting requirements of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA).

## SECTION 7: SPECIAL PROTECTION INFORMATION

**Respiratory Protection:** NA  
**Ventilation:** Local Exhaust: NA    **Mechanical:** NA.  
**Special:** NA    **Other:** NA  
**Protective Gloves:** Protective gloves may be worn when handling the formulation.  
**Eye Protection:** NA  
**Other Protective Equipment:** NA

## SECTION 8: SPECIAL PRECAUTIONS

**Precautions to be taken in handling and storage:** *Hazards to Humans and Domestic Animals:* CAUTION - 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.  
*Environmental Hazards:* 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. *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.  
**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™ Carpenter 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.

## SECTION 9: HEALTH RATING INFORMATION (NFPA)

Health - 1    Flammability - 1    Reactivity - 0

## SECTION 10: SARA TITLE III/SEC. 313 SUPPLIER NOTIFICATION

This product contains the following toxic chemicals 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:** NA    **Hazard Class:** NA

NA - Not Applicable  
ND - Not Determined  
NE - Not Established  
PEL - Permissible Exposure Limit  
ACL - Acceptable Ceiling Level  
MPC - Maximum Peak Concentration

**Product Code:** 02-0383 (8 oz.)  
02-0390 (2 lb.)  
**Prepared by:** Dana M. Thomas  
Supersedes revision dated 9/25/98.