

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

ASCEND[™]

Fire Ant Bait
Formula 1

(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 _{1a} (5-O-demethyl- avermectin A _{1a}) and ≤20% avermectin B _{1b} (5-O- demethyl-25-de(1-methylpropyl)-25-(1- methylethyl) avermectin A _{1a}).*exposure limit recommended by manufacturer of active ingredient. | NE | NE | NE | 40 mcg/m ³ * |

SECTION 2: PHYSICAL DATA

| | |
|--|--|
| Boiling Point: NA | Bulk Density (Air = 1): ND |
| Specific Gravity (H₂O = 1): NA | Solubility in Water: Insoluble |
| Vapor Pressure: NA | Appearance and Odor: A granular corn grit bait with yellow color |
| pH: NA | |

SECTION 3: FIRE AND EXPLOSION HAZARD DATA

Flashpoint: NE **Flammable Limits:** NE **LEL:** NE **UEL:** NE
Extinguishing Media: CO₂; 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 - LD₅₀ > 2.0g/kg in albino rabbits.
Ingestion and Inhalation: Acute Oral toxicity - LD₅₀ > 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 eyes 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, CO₂, 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)
Environmental Hazards/Waste Disposal Method: 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.
Container Disposal: Follow label instructions for container disposal.
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. Keep out of reach of children. For bulk materials, protective coveralls and boots should be worn to protect against accidental contamination. Personal protective items should be cleaned after each application. Store in a cool dry place 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 Ascend[™] 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.

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

Product Codes: 02-0370-1 (2 lb.)
02-0370-2 (25 lb.)
Prepared by: Dana M. Thomas
Supersedes revision dated 10/28/98.

