



ABATHOR GRANULAR ANT BAIT

Kills the following species of ants: Acrobat, Argentine, Bigheaded, Crazy, Field, Little Black, Pavement, Odorous House and Thief.

For use in and around Homes, Residential Areas, Commercial and Other Structures, Non Food/Feed Areas of Commercial Buildings, Warehouses, Hotels, Food Storage Areas, Inedible Product Areas of Meat Packing Plants, Motels, Schools, Supermarkets, and Non-Occupied Patient Areas of Hospitals and Nursing Homes, Golf Courses, Parks, Lawns and Turf.

Active Ingredient:	By Wt.
Abamectin B ₁	0.011%
Other Ingredients:	<u>99.989%</u>
TOTAL:	100.000%

EPA Reg. No. 83923-7 EPA Est. 68850-NC-001

(PRECAUCION AL USUARIO: Si usted no puede leer o entender ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.)

(TO THE USER: If you cannot read and understand English, do not use this product until the label has been fully explained to you.)

For product use information call 1-866-FOR-THOR (367-8467).

KEEP OUT OF REACH OF CHILDREN

CAUTION

ENSYSTEX IV, Inc.

2713 Breezewood Ave., Fayetteville, NC 28303

Net Contents: As marked on container

FIRST AID	
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-369-4352 for emergency medical treatment information.	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. 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.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

ABATHOR Granular Ant Bait is a ready to use product for use in controlling numerous ants both indoors and outdoors. This bait formulation combines a mixture of foods and the delayed action insecticide, abamectin. This insecticide acts to reduce the population of worker ants and can cause colony elimination. Avoid use of other insecticides or sprays on or near this product.

OUTDOORS

BROADCAST APPLICATION: Use this product at a rate of 1 lb. per acre (or 8 oz. per 1/2 acre). This is equivalent to approximately 1.8 ounces per 5000 sq. ft., or 0.4 ounces per 1,000 sq. ft. (One tablespoon equals approximately 0.3 ounces of bait.) Apply the product as uniformly as possible. Repeat application as necessary.

AROUND STRUCTURES: Lightly sprinkle the product evenly in a band approximately 1-2 feet wide around the foundation of the building at a rate of 0.3 ounces (1 tablespoon) per 100 lineal feet. Treat visible trails with approximately 0.3 to 1 ounce (1 to 3 tablespoons) of product depending on the number of ants in the trail. Repeat application as necessary.

INDIVIDUAL COLONY OR MOUND TREATMENT: Use 1.5 to 2.1 ounces (5 to 7 tablespoons) of product per mound. Apply product at the edge of the mound. Repeat application as necessary.

INDOORS

LOCATE ANT ACTIVITY: Follow ants back to voids. Apply product to cracks and crevices or voids where ants are active. In heavily traveled sites use up to 1.5 ounces (3 tablespoons) of product. Use a large Centrobulb puffer or other appropriate application device to place the product into crevices or voids. Repeat application as necessary.

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. Serving areas are defined as those areas where prepared foods are served such as dining rooms but excluding areas where foods may be prepared or held. Non-food areas are defined as areas such as garbage rooms, lavatories, floor drains (to sewers), entries, and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling).

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 AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Consult Federal, State or local disposal authorities for approved alternative procedures.

STORAGE: ABATHOR Granular Ant Bait may be attractive to rodents and domestic animals. Store in a cool, secure, dry space. To maintain maximum effectiveness, close container tightly after use and use within 5 months after opening.

CONTAINER DISPOSAL:

If empty: Nonrefillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

IMPORTANT READ BEFORE USE

NOTICE: Read the entire Directions for Use, Conditions of Sale, Disclaimer of Warranties and Limitations of Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

CONDITIONS OF SALE: The Directions for Use of this product are believed to be adequate and must be followed carefully. However, because of manner of use and other factors beyond the control of ENSYSTEX IV, Inc., it is impossible for ENSYSTEX IV to eliminate all risks associated with the use of this product such as ineffectiveness or unintended consequences. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold ENSYSTEX IV harmless for any claims relating to such factors.

DISCLAIMER OF WARRANTIES: Seller warrants that this product conforms to the chemical description in the label and is reasonably fit for the purposes stated on the Directions for Use when used in accordance with the Directions for Use under normal conditions of use. ENSYSTEX IV MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, under abnormal conditions or under conditions not reasonably foreseeable by (or beyond the control of) seller or ENSYSTEX IV, Inc., and buyer assumes the risk of any such use.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, ENSYSTEX IV shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ENSYSTEX IV AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ENSYSTEX IV, THE REPLACEMENT OF THE PRODUCT.

This Conditions of Sale and Limitation of Warranty and Liability may not be amended by any oral or written agreement.

ABATHOR is a registered trademark of ENSYSTEX IV, Inc.

Revised 09/08 General Ant

Material Safety Data Sheet

ABATHOR GRANULAR ANT BAIT

Transportation Emergency Phone 1-800-424-9300 (Chemtrec)
Medical Emergency Phone 1-800-369-4352 (ProSAR)

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ABATHOR GRANULAR ANT BAIT

CHEMICAL NAME: Abamectin B₁

CHEMICAL FAMILY: Avermectins

COMPANY: Ensysytem IV, Inc.

ADDRESS: 2713 Breezewood Ave., Fayetteville, NC 28303

DAYTIME PHONE: 1-866-367-8467 (1-866-FOR-THOR)

2. COMPOSITION / INFORMATION ON INGREDIENTS

Abamectin B₁ 0.011% CAS# 71751 - 41- 2

3. HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

May cause some reversible eye irritation.

4. FIRST AID MEASURES

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-369-4352 for emergency medical treatment information.

INHALATION: Move 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..

EYE CONTACT: Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

SKIN CONTACT: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

INGESTION: 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 to an unconscious person.

5. FIRE FIGHTING MEASURES

Material will burn if ignited.

EXTINGUISHING MEDIA: CO₂, Dry Chemical, Foam.

FIRE FIGHTING INSTRUCTIONS: In the event of fire, wear self-contained breathing apparatus. Keep out of smoke. Fight fire from an upwind position. Cool closed containers exposed to fire with water spray. Dike area to prevent runoff and contamination of water sources. Equipment or materials involved in pesticide fires may become contaminated.

6. ACCIDENTAL RELEASE MEASURES

GENERAL: Keep unauthorized people away. Isolate hazard area. Avoid contact with spilled product or contaminated surfaces. Store in such a manner as to prevent cross contamination with other pesticides, fertilizers, food and feed.

SPILL: Vacuum, shovel or sweep up granules and place in container for disposal in accordance with applicable local regulations.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. 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.

SPECIAL NOTE: Certain breeds of herding dogs (such as Collies, Border Collies, Old English Sheepdogs, Shelties and Australian Shepherds) may be sensitive to Abamectin, particularly if pure bred. Exposure of these breeds to Abamectin bait should be minimized by placing it beyond their reach or scattering it well.

STORAGE CONDITIONS: Do not contaminate water, food, or feed by storage or disposal. Store in a cool, dry place, preferably in a locked storage area that is inaccessible to children. Keep container tightly closed. Do not reuse empty container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EYE / FACE PROTECTION: Safety glasses are recommended.

HAND PROTECTION: Wear suitable chemical resistant gloves if prolonged or repeated skin contact is likely.

RESPIRATORY PROTECTION: None required.

VENTILATION: None Required.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Yellow granular bait.

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS: If involved in a fire, toxic gases including carbon monoxide, carbon dioxide and toxic dust and smoke may be generated.

11. TOXICOLOGICAL INFORMATION

ACUTE ORAL TOXICITY: Male/female rat: LD50: > 5,000 mg/kg

ACUTE INHALATION TOXICITY: Not applicable. Bait particles are not respirable. Product does not present an inhalation hazard.

SENSITIZATION: Guinea pig: Non-sensitizing

EYES: Slight irritation reversible within 7 days.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL PRECAUTIONS: 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.

13. DISPOSAL CONSIDERATIONS

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

GENERAL DISPOSAL GUIDANCE: 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. Offer empty container for recycling, if available, or place in trash if allowed by state and local regulations.

14. TRANSPORT INFORMATION

Not regulated by the U.S. Department of Transportation for any mode of transport.

15. REGULATORY INFORMATION

UNITED STATES

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT): None.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): None.

SAFE DRINKING WATER ACT (SDWA): None.

SECTION 16. OTHER INFORMATION

NFPA Health -1 Flammability -1 Reactivity -0 Others -none

0=minimal hazard, 1=slight hazard, 2=moderate hazard, 3=severe hazard, 4=extreme hazard

Revised 10/08

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 carbon monoxide and carbon dioxide, 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 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.

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): 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 water. This product contains no Comprehensive

Environmental Response, Compensation and Liability Act (CERCLA) listed

chemicals. Spills/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. See

29 CFR 1910.134 for respiratory protection, training and testing requirements.

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

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.

NOTE: Certain breeds of herding dogs (such as Collies, Border Collies, Old English

Sheepdogs, Shelties and Australian Shepherds) may be sensitive to Abamectin,

particularly if pure bred. Exposure of these breeds to Abamectin bait should be minimized

by placing it beyond their reach or scattering it well.

STORAGE

Do not contaminate water, food or feed by storage. Store in a cool, secure, dry area

inaccessible to children, pets, livestock or wildlife. Do not store near heat or flame.

Keep container tightly closed. Do not reuse empty container.

SECTION 8. EXPOSURE CONTROL / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Respiratory Protection: None required when used according to label directions.

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

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Yellow, granular bait

Odor: NE

Solubility in Water: Insoluble

Vapor Pressure: NA

Viscosity: NA

Vapor Density: NA

Boiling Point: NA

Freezing/Melting Point: NE

pH: NA

Density: NE

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 carbon monoxide and carbon dioxide,

toxic dust and smoke may be generated.

SECTION 11. TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY

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

ACUTE

Eyes: Product produced slight conjunctival eye irritation in albino rabbit eyes

reversible within 7 days. Caused a dull cornea in albino rabbit eyes, reversible in 3

days. No iritis was observed.

Skin: Non-irritating to skin. Acute dermal LD₅₀ = 2,000 mg/kg (rabbits). Primary skin

irritation index = 0.00 (rats). Product is not a sensitizer when tested on guinea pigs.

Ingestion: Acute oral toxicity LD₅₀ > 5,000 mg/kg (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 of container or waste. Dispose of

container and waste in accordance with all federal, state and local regulations.

Container Disposal: Empty container by using the product according to the label

directions. Do not reuse 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 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

This product is not regulated for transportation via any mode of transport.

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 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 KEY: 4 = Severe

HEALTH - 1 FLAMMABILITY - 1 REACTIVITY - 0 3 = Serious
2 = Moderate

HMIS HAZARD RATING INFORMATION 1 = Slight

HEALTH - 1 FLAMMABILITY - 1 REACTIVITY - 0 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.

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 Effective Date: 11/07/06

NE - Not Established Review Date: 11/07/06

PEL - Permissible Exposure Limit Supersedes: 02/17/04

TLV - Threshold Limit Value Code #: 209-035

STEL - Short Term Exposure Limit (15 min) Text ID: 070511-6

TWA - Time Weighted Average (8 hr) Part No.: 19-0133-04