



INDOXACARB GROUP 22A INSECTICIDE

Advion[®] Ant
Gel

syngenta[®]

Insecticide

FOR USE IN RESIDENTIAL, INSTITUTIONAL, COMMERCIAL, AND INDUSTRIAL AREAS

Use sites include single and multi-family residential buildings, schools, commercial and industrial facilities (including warehouses, apartments, supermarkets, restaurants, motels, hotels, hospitals, zoos, food handling/storage establishments), and transportation equipment such as aircraft, trains, ships, boats, buses.

KEEP OUT OF REACH OF CHILDREN CAUTION/ PRECAUCIÓN

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

**DO NOT TREAT AREAS THAT ARE
EASILY ACCESSIBLE TO CHILDREN
AND PETS**

Active Ingredient:

Indoxacarb*: (S)-methyl 7-chloro-2,5-dihydro-2-[[[(methoxycarbonyl)[4(trifluoromethoxy) phenyl]amino]carbonyl]indeno[1,2-e][1,3,4]oxadiazine-4a-(3H)carboxylate 0.05%

Other Ingredients 99.95%

Total: 100.00%

*Indoxacarb belongs to the oxadiazine chemical class.

EPA Reg. No. 100-1498

EPA Est. 54450-IL-002

Product of USA

SCP 1498A-L1C 0420

**4 x 1.06 oz (30g)
syringes**

Net Weight

Non-refillable Container



Advion Ant Gel

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

HOT LINE NUMBER

For 24-Hour Medical Emergency Assistance
(Human or Animal) Or Chemical Emergency Assistance
(Spill, Leak, Fire or Accident) Call **1-800-888-8372**

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

Environmental Hazards

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, or 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 washwater or rinsate. Runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 24 hours. Rinsing application equipment over the treated area will help avoid runoff to water bodies or drainage systems. Do not apply to any impervious surfaces which may contact or lead directly to surface water, storm drains, or urban runoff conveyance systems (gutters).

Physical and Chemical Hazards

Do not use this product in or on electrical equipment where a possibility of shock hazard exists.

DIRECTIONS FOR USE

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

PRODUCT INFORMATION

Advion® Ant Gel is specifically formulated to be attractive to all major pest species of ants such as Acrobat, Argentine, Big-headed, Carpenter, Cornfield, Crazy, Field, Ghost, Harvester*, Honey, Little black, Odorous house, Pavement, Pharaoh*, Pyramid, Red Imported Fire Ant*, Rover, Thief, and White-footed. Advion Ant Gel contains the active ingredient, indoxacarb, a non-repellent insecticide. Use of Advion Ant Gel will help eliminate ants within days of applying the gel according to the use directions.

* Advion Ant Gel is effective at killing Pharaoh ants, foraging red imported fire ants and harvester ants. For complete control of outdoor nests of these species, use additional treatments labeled for outdoor nest control of these species.

INSECT RESISTANCE MANAGEMENT

INDOXACARB	GROUP	22A	INSECTICIDE
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For resistance management, Advion Ant Gel contains a Group 22A insecticide. Any insect population may contain individuals naturally resistant to Advion Ant Gel and other Group 22A insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same treated areas. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance, take the following steps:

- Rotate the use of Advion Ant Gel or other Group 22A insecticides with different groups that control the same pests.
- Adopt an integrated pest management program for insecticide use that includes scouting, uses historical information related to pesticide use, record keeping, and which considers cultural, biological, and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.

Contact your local Syngenta representative, retailer, or extension specialist for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area. For further information or to report suspected resistance, contact Syngenta at 1-866-SYNGENT(A) (866-796-4368).

Syngenta encourages responsible product stewardship to ensure effective long-term control of the insects on this label.

Use Instructions and Precautions: Do not treat areas that are easily accessible to children and pets.

1. Advion Ant Gel can be used indoors or outdoors applied as a crack and crevice or spot treatment in single and multi-family residential homes, institutional, commercial and industrial facilities (including schools, warehouses, apartments, supermarkets, restaurants, motels, hotels, hospitals, nursing homes, offices, zoos, retail establishments, food handling/storage establishments), transportation equipment such as aircraft, trains, ships, boats, and buses, and other similar sites where ant infestations are a problem.
2. Avoid applying Advion Ant Gel to surfaces recently treated with residual sprays.
3. Surfaces treated with Advion Ant Gel should not be treated with residual sprays.
4. Inspect applications periodically for consumption/activity and apply additional bait as needed.
5. Do not apply to surfaces that food contacts.
6. Do not allow open foods to contact gel material.

Advion Ant Gel

7. Refillable Bait Stations: Advion Ant Gel may be used in commercially available refillable bait stations designed for interior and/or exterior or perimeter insect pest control. If the refillable bait station is not equipped with a sticker to identify the contents, apply a sticker either on the interior or exterior of the device. For best results, position refillable bait stations near ant trails, nest sites, or where ants are known to actively forage. Regularly inspect each refillable bait stations and replace with Advion Ant Gel as needed for continual control of ants.

Treatment Rates for All Uses

- Apply Advion Ant Gel as spots of gel or small lines of gel.
- Placements of spots or lines of Advion Ant Gel should be to active foraging trails, nest sites, or to areas known to be active.
- Apply 0.1 to 1.0 gram spots of Advion Ant Gel or approximately 1/4" in diameter spots.
- Apply lines of Advion Ant Gel of approximately 1/8" wide and 2" long; up to 3" long for highly active foraging trails.
- Apply as many placements of Advion Ant Gel as possible to active foraging areas without disrupting the natural foraging behavior of ants.
- If Advion Ant Gel is used in refillable bait stations apply an amount of the Advion Ant Gel that does not exceed the capacity of the refillable bait station's bait reservoir.

Examples of Advion Ant Gel Placement Amounts



Figure 1: Line of gel approximately 1/8" x 2"



Figure 2: Spot of gel approximately 0.1g



Figure 3: Spot of gel approximately 1g

Indoor Use Directions

- Inspect infested areas carefully to determine overall infestation levels, locations of foraging, nesting areas, and most appropriate application points.
- Indoor applications include cracks and crevices along walls or floors, behind or under equipment or appliances, under tables, within framing of tables or furniture, around sinks, within or near garbage collection areas, attics, crawl spaces, and cracks and crevices in cabinets.
- Inspect Advion Ant Gel placements periodically for consumption or attractiveness and reapply as needed.

Applications in Non-food/Non-feed Handling Areas

Advion Ant Gel is designed for use as a spot or crack and crevice treatment to control ants in residential structures and the non-food/non-feed areas of commercial, industrial, public and institutional buildings/structures, including restaurants, warehouses, food processing plants, supermarkets, hospitals, nursing homes, motels, hotels, schools, laboratories, computer facilities, aircraft, buses, boats/ships, trains, pet shops and zoos.

Non-food/non-feed areas include 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 bottling or canning). Refer to section below for use directions and restrictions when making applications in food/feed handling areas of Food/Feed Handling Establishments.

Applications in Food/Feed Handling Areas

Application to food/feed areas of food/feed handling establishments may only be made as a crack and crevice treatment. Apply Advion Ant Gel directly into cracks and crevices by placing the bait dispenser tip approximately 1/2 inch into cracks, crevices, holes and similar openings where ants are found or are entering. Food and feed handling areas include areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage, and enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas are also considered a food/feed area when food is exposed and facility is in operation.

- Do not apply Advion Ant Gel to areas where food/feed, food utensils or food processing surfaces may come into contact and become contaminated.
- Do not apply Advion Ant Gel to areas that are routinely washed such as cracks and crevices in tops of tables, food/feed preparation and prepared food-holding surfaces as bait could be removed by the washing.
- Do not apply Advion Ant Gel to surfaces where the temperature exceeds 120-130°F because this could cause the bait to liquefy and lose effectiveness.
Examples include, but are not limited to, parts of stoves, ovens, grills, fume hoods, saunas, heat lamps, coffee urns, steam tables, toasters, fryers, dishwashers, and hot water pipes.
- Use good application practice to avoid movement of Advion Ant Gel to exposed surfaces used for food preparation.

If Advion Ant Gel contacts an exposed surface, first remove as much of the gel bait as possible, then wash with soap and water.

Advion Ant Gel

Outdoor Use Directions:

- A thorough inspection around a structure may reveal areas where ants are gaining access to the structure. Attempts should be made to remove the access.
- Apply Advion Ant Gel as a spot or thin bead (see above) to pest entry sites such as along windows, doors, between construction elements, sewer areas, adjacent trees which harbor ants, along walls, garbage holding areas, or suitable placement site acting as an ant harborage.
- Make Advion Ant Gel placements to reduce the potential of subsequent human contact.
- Inspect Advion Ant Gel placements periodically and apply fresh ant gel as needed.
- High temperatures may affect the consistency of the gel after placement, so inspect to determine if additional gel is needed.

STORAGE AND DISPOSAL

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

Pesticide Storage

Store in cool, dry place inaccessible to children and pets.

Pesticide Disposal

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

Container Disposal

Nonrefillable Container: Do not reuse or refill this container. Offer for recycling if available. Place empty bait dispensers in trash. If partially filled, wrap in newspaper and discard in trash or call your local solid waste authority for disposal instructions.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and 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.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and (2) Buyer and User assume the risk of any such use. TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA 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 SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and of Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

Advion®, the ALLIANCE FRAME 
the SYNGENTA Logo and the PURPOSE ICON 
are Trademarks of a Syngenta Group Company

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For non-emergency (e.g., current product information),
call Syngenta Crop Protection at 1-800-334-9481.

Manufactured for:
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, North Carolina 27419-8300

SCP 1498A-L1C 0420

INDOXACARB	GROUP	22A	INSECTICIDE
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Insecticide

FOR USE IN RESIDENTIAL, INSTITUTIONAL, COMMERCIAL, AND INDUSTRIAL AREAS

Use sites include single and multi-family residential buildings, schools, commercial and industrial facilities (including warehouses, apartments, supermarkets, restaurants, motels, hotels, hospitals, food handling/storage establishments), and transportation equipment such as aircraft, trains, ships, boats, buses.

KEEP OUT OF REACH OF CHILDREN

CAUTION/ PRECAUCIÓN

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

DO NOT TREAT AREAS THAT ARE EASILY ACCESSIBLE TO CHILDREN AND PETS

Active Ingredient:

Indoxacarb: (S)-methyl 7-chloro-2,5-dihydro-2-[[[(methoxycarbonyl) [4(trifluoromethoxy) phenyl]amino] carbonyl]indeno[1,2-e] [1,3,4]oxadiazine-4a-(3H) carboxylate	0.6%
Other Ingredients	99.4%
Total:	100.0%

EPA Reg. No. 100-1484

EPA Est. 54450-IL-002

Product of USA

SCP 1484A-L1D 0724

4 x 1.06 oz (30g) syringes

Net Weight

Non-refillable Container



FIRST AID

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

HOTLINE NUMBER

For 24-Hour Medical Emergency Assistance
(Human or Animal) Or Chemical Emergency Assistance
(Spill, Leak, Fire or Accident) Call **1-800-888-8372**

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Environmental Hazards

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, or 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 washwater or rinsate. Runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 24 hours. Rinsing application equipment over the treated area will help avoid runoff to water bodies or drainage systems. Do not apply to any impervious surfaces which may contact or lead directly to surface water, storm drains, or urban runoff conveyance systems (gutters).

Physical and Chemical Hazards

Do not use this product in or on electrical equipment where a possibility of shock hazard exists.

DIRECTIONS FOR USE

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

PRODUCT INFORMATION

Advion® Cockroach Gel Bait is designed to control pest species of cockroaches, including German and American cockroaches.

INSECT RESISTANCE MANAGEMENT

INDOXACARB	GROUP	22A	INSECTICIDE
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For resistance management, Advion Cockroach Gel Bait contains a Group 22 insecticide. Any insect population may contain individuals naturally resistant to Advion Cockroach Gel Bait and other Group 22 insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same treated areas. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance, take the following steps:

- Rotate the use of Advion Cockroach Gel Bait or other Group 22 insecticides with different groups that control the same pests.
- Contact your local Syngenta representative, retailer, or extension specialist for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance contact Syngenta at 1-866-SYNGENT(A) (866-796-4368).

Syngenta encourages responsible product stewardship to ensure effective long-term control of the insects on this label.

Use Instructions and Precautions:

Do not treat areas that are easily accessible to children and pets.

1. Advion Cockroach Gel Bait can be used indoors or outdoors applied as a crack and crevice treatment within residential homes, industrial facilities, offices, warehouses, commercial kitchens, hospitals, schools, nursing homes, hotels, buses, trains, aircraft, retail and commercial establishments, and other areas infested with cockroaches.
2. Apply Advion Cockroach Gel Bait to areas frequented by cockroaches such as between different elements of construction, between equipment and floors, openings leading into voids and hollow spaces in floors, walls, ceilings, equipment legs and bases, around plumbing pipes, doors, and windows, and behind and under appliances, cabinets, sinks, closets, and any other equipment that cockroaches are typically known to hide.
3. Do not apply Advion Cockroach Gel Bait to surfaces recently treated with residual sprays.
4. Do not apply residual sprays to surfaces treated with Advion Cockroach Gel Bait.
5. Inspect bait placements during follow-up inspections and apply fresh bait as needed.
6. Do not apply to surfaces that food contacts.
7. Do not allow open foods to contact gel material.

Treatment Rates for All Uses

- For heavy infestations of cockroaches, apply 3 to 5 spots of Advion Cockroach Gel Bait per 10 linear feet.
- For light to moderate infestations of cockroaches, apply 1-3 spots of Advion Cockroach Gel Bait per 10 linear feet.
- Each spot of Advion Cockroach Gel Bait must equal about 0.5 grams (approx. 1/4" diameter).
- For all levels of cockroach infestations, when a bead of Advion Cockroach Gel Bait is used, apply a small thin bead that is less than 1/8" wide and approximately 2 inches long (approximately 1-2 grams of bait).

Indoor Use Directions

- Infested areas must be carefully inspected to determine overall infestation levels, locations of harborage areas, and most appropriate application points.
- Apply Advion Cockroach Gel Bait as a small spot of material, approximately 0.5 grams (approx. 1/4" in dia.), to areas not able to be contacted by children or pets.
- Several small applications distributed within an area are more effective than 1 or 2 applications of large quantities. In some cases, a small thin bead less than 1/8" wide and 2" long (approximately 1-2 grams of bait) may be appropriate such as between construction elements or other cracks and crevices.
- Indoor applications include cracks and crevices along walls or floors, behind or under equipment, under tables, within framing of tables or furniture, around sinks, within or near garbage collection areas, attics, crawl spaces, and cracks and crevices in cabinets.
- Inspect Advion Cockroach Gel Bait placements periodically for consumption or attractiveness and reapply as needed.

Applications in Nonfood/Nonfeed Handling Areas

Advion Cockroach Gel Bait is designed for use as a spot or crack and crevice treatment to control cockroaches in residential structures and the non-food /non-feed areas of commercial, industrial, public, and institutional buildings/structures, including restaurants, warehouses, food processing plants, supermarkets, hospitals, nursing homes, motels, hotels, schools, laboratories, computer facilities, aircraft, buses, boats/ships, trains, pet shops and zoos.

Nonfood/non-feed areas include 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 bottling or canning). Refer to section below for use directions and restrictions when making applications in food/feed handling areas of Food/Feed Handling Establishments.

Applications in Food/Feed Handling Areas

Application to food/feed areas of food/feed handling establishments may only be made as a crack and crevice treatment only. Apply Advion Cockroach Gel Bait directly into cracks and crevices by placing the bait dispenser tip approximately 1/2 inch into cracks, crevices, holes, and similar openings where cockroaches are found or are entering.

Food and feed handling areas include areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing edible waste storage, and enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas are also considered a food/feed area when food is exposed, and the facility is in operation.

- Do not apply Advion Cockroach Gel Bait to areas where food/feed, food utensils or food processing surfaces may come into contact and become contaminated.
- Do not apply Advion Cockroach Gel Bait to areas that are routinely washed such as cracks and crevices in tops of tables, food/feed preparation and prepared food holding surfaces as bait could be removed by the washing.
- Do not apply Advion Cockroach Gel Bait to surfaces where the temperature exceeds 120-130°F because this could cause the bait to liquefy and lose effectiveness.
- Examples include, but are not limited to, parts of stoves, ovens, grills, fume hoods, saunas, heat lamps, coffee urns, steam tables, toasters, fryers, dishwashers, and hot water pipes.
- Use good application practice to avoid movement of Advion Cockroach Gel Bait to exposed surfaces used for food preparation.
- If Advion Cockroach Gel Bait contacts an exposed surface, first remove as much of the gel bait as possible, then wash with soap and water.

Outdoor Use Directions:

A thorough inspection around a structure may reveal areas where cockroaches are gaining access. Attempts should be made to remove the access. Advion Cockroach Gel Bait may also be applied as a spot or thin bead (less than 1/8" wide and 2" long or approximately 1-2 grams of bait) to pest entry sites such as along windows, doors, between construction elements, sewer areas, adjacent trees which harbor cockroaches, along walls, garbage holding areas, or suitable placement site acting as a cockroach harborage. Place baits in such a way as to reduce the potential of subsequent human contact. Inspect Advion Cockroach Gel Bait placements periodically and apply fresh bait as needed.

STORAGE AND DISPOSAL

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

Pesticide Storage

Store in cool, dry place inaccessible to children and pets.

Pesticide Disposal

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

Container Handling

Nonrefillable Container: Do not reuse or refill this container. Offer for recycling if available. Place empty bait dispensers in trash. If partially filled, wrap in newspaper and discard in trash or call your local solid waste authority for disposal instructions.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and 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.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and (2) Buyer and User assume the risk of any such use. TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential, or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA 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 SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and of Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

Advion®, the ALLIANCE FRAME
the SYNGENTA Logo
and the PURPOSE ICON
are Trademarks of a
Syngenta Group Company
©2024 Syngenta

For non-emergency (e.g., current product information),
call Syngenta Crop Protection at 1-866-796-4368.

Manufactured for:
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, North Carolina 27419-8300

SCP 1484A-L1D 0724

INDOXACARB	GROUP	22A	INSECTICIDE	NOVALURON	GROUP	15	INSECTICIDE
PYRIPROXYFEN	GROUP	7C	INSECTICIDE				



Insecticide

FOR USE IN COMMERCIAL, INDUSTRIAL, INSTITUTIONAL, AGRICULTURAL AND RESIDENTIAL AREAS

Active Ingredient:

Indoxacarb*:	0.6%
Novaluron**:	0.1%
Pyriproxyfen***:	0.1%

Other Ingredients	99.2%
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Total:	100.00%
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*CAS No. 173584-44-6

**CAS No. 116714-46-6

***CAS No. 95737-68-1

Advion® Trio is formulated as a ready-to-use bait and contains 0.006 lb of Indoxacarb, 0.001 lb Novaluron, and 0.001 lb Pyriproxyfen per pound of product.

EPA Reg. No. 100-1679

EPA Est. 54450-IL-001

KEEP OUT OF REACH OF CHILDREN. CAUTION/PRECAUCIÓN

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See additional Precautionary Statements and Directions for Use inside leaflet.

SCP 1679A-L1 0921

4 x 1.06 oz (30g)

Net Contents

Non-refillable Container

syngenta®

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1.0 FIRST AID

FIRST AID
Have the product container or label with you when calling a poison control center or doctor or going for treatment.
HOTLINE NUMBER
For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call 1-800-888-8372

PRECAUTIONARY STATEMENTS

2.0 PRECAUTIONARY STATEMENTS

2.1 Hazards to Humans and Domestic Animals

CAUTION/PRECAUCIÓN

Avoid contact with skin, eyes, or clothing. Wash hands thoroughly with soap and water after handling. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

2.2 Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes and socks

2.3 Environmental Hazards

This pesticide is toxic to fish and aquatic invertebrates. **DO NOT** apply directly to water, or 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 wash water or rinsate. Runoff may be hazardous to aquatic organisms in water adjacent to treated areas. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 24 hours. Rinsing application equipment over the treated areas will help avoid runoff to water bodies or drainage systems. **DO NOT** apply to any impervious surfaces which may contact or lead directly to surface water, storm drains, or urban runoff conveyance systems (gutters).

2.4 Physical or Chemical Hazards

DO NOT use this product in or on electrical equipment where a possibility of shock hazard exists. **DO NOT** mix or allow to come into contact with an oxidizing agent. Hazardous chemical reaction may occur.

DIRECTIONS FOR USE

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

Read entire label before using this product. Syngenta will not be responsible for losses or damages resulting from use of this product in any manner not specifically stated on this label or other labels or bulletins published by Syngenta. User assumes all risks associated with such non-specified use.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR INSECT CONTROL AND/OR ILLEGAL RESIDUES.

3.0 PRODUCT INFORMATION

Use Advion Trio as a spot, void, or crack-and-crevice treatment for indoor and outdoor control of cockroaches including, but not limited to German, American, and Oriental cockroaches.

Advion Trio can be used in residential areas and in both the food and non-food/non-feed areas of institutional, warehousing and commercial establishments, including warehouses, restaurants, food processing plants, supermarkets, hospitals, nursing homes, motels, hotels, apartment buildings, bakeries, beverage plants, breweries, bottling facilities, candy plants, canneries, cereal processing and manufacturing plants, dairies and dairy product processing plants, frozen food plants, schools, laboratories, computer facilities, sewers, aircraft, buses, boats/ships, trains, homes, industrial buildings, office buildings, kennels, kitchens, manufacturing facilities, spice plants, stores, wineries and similar structures, mausoleums, meat processing and packaging plants, meat and vegetable canneries, pet shops, and zoos.

For best management practices, use bait as part of an overall Integrated Pest Management (IPM) program including use of non-repellent residual products.

This product may be used in food/feed areas of food/feed handling establishments as outlined in **Section 3.2** titled "Food Handling Establishments."

3.1 Resistance Management Recommendations

For resistance management, please note that Advion Trio contains Group 22A, Group 15 and Group 7C insecticides. Any insect population may contain individuals naturally resistant to Advion Trio and other Group 22A, Group 15, or Group 7C insecticides. The resistant individuals may dominate the insect population if these insecticides are used repeatedly in the same treated areas. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance, take the following steps:

- Rotate the use of this product or other Group 22A, Group 15, and Group 7C insecticides with different groups that control the same pests.
- Adopt an integrated pest management program for pesticide use that includes scouting, uses historical information related to pesticide use, record keeping, and which considers biological and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.

Contact your local Syngenta representative, retailer, or extension specialist for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area. For further information or to report suspected resistance contact Syngenta at 1-866-SYNGENT(A) (866-796-4368).

Syngenta encourages responsible product stewardship to ensure effective long-term control of the insects on this label.

3.2 Food Handling Establishments

Food-handling establishments are places other than private residences in which food is held, processed, prepared, or served.

3.2.1 APPLICATIONS IN FOOD/FEED HANDLING AREAS

Applications to food/feed areas of food/feed handling establishments may only be made as a crack-and-crevice or void treatment. Apply Advion Trio directly into and along cracks and crevices or into voids where cockroaches are found, are entering, or likely to harbor.

Food and feed handling areas include areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing edible waste storage, and enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas are also considered a food/feed handling area when food is uncovered and the facility is in operation.

3.2.2 USE RESTRICTIONS FOR FOOD/FEED HANDLING ESTABLISHMENTS

- **DO NOT** apply Advion Trio to areas where food/feed, food utensils, or food processing surfaces may come into contact and become contaminated.
- **DO NOT** apply Advion Trio to surfaces that are routinely washed such as cracks and crevices in tops of tables, food/feed preparation surfaces, and holding surfaces for prepared foods.
- **DO NOT** apply Advion Trio to surfaces where the temperature exceeds 120-130°F because this could cause the bait to liquefy and lose effectiveness.
 - o Examples include, but are not limited to, parts of stoves, ovens, grills, fume hoods, saunas, heat lamps, coffee urns, steam tables, toasters, fryers, dishwashers, and hot water pipes.

3.2.3 APPLICATIONS IN NON-FOOD/NON-FEED HANDLING AREAS

Advion Trio is designed to be used as a spot, crack-and-crevice, or void treatment in non-food areas such as behind baseboards, behind cabinetry, under shelves/racks, between equipment and floors, openings leading into voids and hollow spaces in floors, walls, ceilings, equipment legs and bases, around plumbing pipes, doors and windows, and behind and under appliances, cabinets, and sinks, in closets, and in other locations where cockroaches are typically known to hide.

Non-food/non-feed areas include bedrooms, living rooms, bathrooms, closets, media rooms, garbage rooms, lavatories, entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, and storage rooms (after canning or bottling). If making applications in food/feed handling areas, refer to **Section 3.2.1** above: Applications in Food/Feed Handling Areas.

3.3 Application in Livestock/Poultry/Companion Animal Housing

- Apply Advion Trio as a spot, crack-and-crevice, and/or void treatment to kill cockroaches inhabiting animal rearing or holding facilities.
- Apply bait in and around locations of the structure beyond the reach of animals.
- Inspect bait placements periodically for consumption or attractiveness and re-apply as needed. In facilities where cockroach populations are large, it is important to replenish bait as needed.
- Placements of bait that become covered in dust may need to be replaced to maintain effectiveness.
- See **Sections 4.0** and **6.0** for details on where to apply and how much bait to use.

3.3.1 USE RESTRICTIONS FOR LIVESTOCK/POULTRY/COMPANION ANIMAL HOUSING

- **DO NOT** place bait within the reach of animals.
- **DO NOT** apply bait to any animal feedstuffs, water, or watering equipment.
- **DO NOT** contaminate any animal food, feed, or water in and around livestock, poultry, or companion animal housing when making applications.

4.0 APPLICATION DIRECTIONS

4.1 Methods of Application

4.1.1 INDOOR APPLICATION

Apply Advion Trio as a crack-and-crevice, spot, and/or void application to areas frequented by cockroaches such as between different elements of construction, between equipment and floors, openings leading into voids and hollow spaces in floors, walls, ceilings, equipment legs and bases, around plumbing pipes, doors and windows, and behind and under appliances, cabinets and sinks, within or near garbage collection areas, in closets, attics, crawl spaces, and any other areas where cockroaches are typically known to hide.

4.1.2 OUTDOOR APPLICATION

Apply Advion Trio as a spot or thin bead to pest entry sites such as along windows and doors, between construction elements, drains leading to sewers, adjacent trees which harbor cockroaches, along walls, in garbage holding areas, or other sites acting as cockroach harborage. Inspect Advion Trio bait placements periodically for consumption or attractiveness and re-apply as needed.

5.0 RESTRICTIONS

5.1 Use Restrictions

- **DO NOT** treat areas that are easily accessible to children, pets, livestock, or zoo animals.
- **DO NOT** apply to food preparation surfaces. Keep gel away from foods and food contact surfaces.
- **DO NOT** apply Advion Trio to surfaces recently treated with repellent residual sprays.
- **DO NOT** apply repellent residual sprays to Advion Trio bait placements.
- **DO NOT** apply to cockpit areas of aircraft.
- **DO NOT** apply to humans, animals, clothing, or bedding.

6.0 PEST CONTROL USE DIRECTIONS

Use good application practices to avoid movement of Advion Trio to exposed surfaces used for food preparation. If Advion Trio contacts a food preparation surface, first remove as much of the gel bait as possible, then wash with soap and water. Inspect Advion Trio placements periodically for consumption or attractiveness and reapply as needed.

- Infested areas must be carefully inspected to determine overall infestation levels, locations of harborage areas, and the most appropriate application points.
- Several small spot (approximately 1/4" in diameter or 0.5 grams) or bead applications distributed within an area are generally more effective than 1 or 2 applications of larger quantities.
- In some cases, a small thin bead (less than 1/8" wide and 2" long) may be appropriate such as along or between construction elements or other cracks and crevices.

Treatment Rates for All Uses		
Cockroach Infestation Level	Treatment Rate/10 linear feet	Specific Instructions
Light to Moderate infestations	1 to 3 spots	Each spot of Advion Trio should be approximately 1/4" in diameter (approximately 0.5 grams).
Heavy infestations or control of larger cockroach species	3 to 5 spots	Alternately, apply as a small, thin bead (less than 1/8" wide and 2" long).

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For non-emergency (e.g. current product information), call Syngenta Crop Protection at 1-800-334-9481.

Manufactured for:
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, North Carolina 27419-8300

7.0 STORAGE AND DISPOSAL

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep this product in its tightly closed original container, when not in use. **DO NOT** use this product in or on electrical equipment where a possibility of shock hazard exists. Store in a cool, dry (preferably locked) area that is inaccessible to children and animals.

PESTICIDE DISPOSAL: Waste resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Non-refillable Container: Do not reuse or refill this container. Offer for recycling if available. Place empty bait dispensers in trash. If partially filled, wrap in newspaper and discard in trash or call your local solid waste authority for disposal instructions.

8.0 CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and 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.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and (2) Buyer and User assume the risk of any such use. TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential, or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA 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 SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and of Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

Alpine®

Cockroach Gel Bait

Rotation 1 Reservoir

ACTIVE INGREDIENT:

Dinotefuran 0.5%

OTHER INGREDIENTS: 99.5%

TOTAL: 100.0%

CAS No. 165252-70-0

EPA Reg. No. 499-507

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN

CAUTION/PRECAUCION

**IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT
IN A MANNER INCONSISTENT WITH ITS LABELING.**

Refer to full label for **First Aid, Precautionary Statements,
Directions For Use, and Conditions of Sale and Warranty.**

NET WEIGHT:

Alpine®

Cockroach Gel Bait

Rotation 1 Reservoir

Smart Solutions Facts

A gel bait formulation to kill cockroaches in commercial and residential environments. Key attributes include:

- May be used in conjunction with non-repellent residual insecticides such as those containing chlorfenapyr (e.g., **PT® Phantom® II Pressurized Insecticide**, **Phantom® Termiticide-Insecticide**), dinotefuran (e.g., **Alpine® WSG Water Soluble Granules**, **PT® Alpine® Pressurized Insecticide**) and abamectin B₁ (e.g., **Avert® DF Dry Flowable Cockroach Bait**) or similar products. Always follow label use directions and applicable laws.
- For best management practices, use the bait as part of an overall Integrated Pest Management (IPM) program including use of non-repellent residuals.

- Easy to Use
- Effective Roach Control

KILLS: Cockroaches

FOR USE IN AND AROUND: Commercial, Institutional, and Warehousing Establishments (including Computer Facilities, Food/Feed Processing Plants, Hospitals, Hotels, Laboratories, Motels, Nursing Homes, Pet Shops, Restaurants, Schools, Supermarkets, Warehouses, and Zoos); Residences; and Transportation Equipment (Aircraft, Boats, Buses, Ships, and Trains)

ACTIVE INGREDIENT:

Dinotefuran 0.5%

OTHER INGREDIENTS: 99.5%

TOTAL: 100.0%

CAS No. 165252-70-0
EPA Reg. No. 499-507

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN
CAUTION/PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

**In case of an emergency endangering life or property involving this product,
call day or night 1-800-832-HELP (4357).**

NET WEIGHT:

Complete Label

FIRST AID	
If swallowed	• 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 a poison control center or doctor. • DO NOT give anything to an unconscious person.
If on skin	• 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.
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 BASF Agricultural Solutions US LLC (hereafter "BASF") for emergency medical treatment information: 1-800-832-HELP (4357).	

Precautionary Statements

Hazards to Humans and Domestic Animals

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, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Environmental Hazards

DO NOT apply directly to water. **DO NOT** contaminate water by cleaning of equipment or disposal of equipment washwaters.

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.

Directions For Use

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

READ ENTIRE LABEL. Use strictly in accordance with **Precautionary Statements** and **Directions For Use** and with applicable state and federal regulations. Apply bait only in areas inaccessible to children and pets.

Use Restrictions

- Keep out of sunlight or excess heat.
- **DO NOT** apply bait to surfaces which may reach excessive temperatures. Examples include, but are not limited to, portions of stoves, ovens, grills, fume hoods, steam tables, toasters, fryers, dishwashers, and hot water pipes.

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal.

Pesticide Storage

Store in a cool, dry area away from heat or open flame, in an area that is inaccessible to children and animals.

Pesticide Disposal

Wastes resulting from use of this product may be disposed of on-site or at an approved waste disposal facility. If these wastes cannot be disposed of according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representatives at the nearest EPA Regional Office for guidance.

Container Handling

Non-refillable container. DO NOT reuse or refill this container/reservoir. Empty container/reservoir by using the product according to label directions. Offer empty container/reservoir for recycling, if available, or place in trash if allowed by state and local regulations. If container/reservoir is partly filled, contact your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

In Case of Emergency

In case of large-scale spill of this product, call:

- CHEMTREC 1-800-424-9300
- BASF 1-800-832-HELP (4357)

In case of medical emergency regarding this product, call:

- Your local doctor for immediate treatment
- Your local poison control center (hospital)
- BASF 1-800-832-HELP (4357)

Application Instructions

Spot Treatment

To apply gel, remove cap from tip of applicator tube. Apply gel in a 3 to 6 millimeter diameter spot (0.25 to 0.50 gram). Approximately 10 spots per 100 square feet are recommended for use under conditions with low to moderate infestation. For more severe infestations, approximately 20 spots per 100 square feet are recommended. Apply many spots in areas of roach traffic and suspected harborage. Numerous small application spots are preferable to fewer larger application spots. Bait may be placed on top of or prior to non-repellent insecticide applications.

DO NOT treat food preparation surfaces. **DO NOT** apply gels to areas that have been recently sprayed with a repellent insecticide. **DO NOT** spray repellent insecticide products over gel placements as this may make gel repellent and reduce its effectiveness. **DO NOT** place treatments in locations where routine cleaning might remove bait or transfer bait to food or food preparation surfaces.

This product will stick to surfaces that are not dusty or greasy. Reapply if gel placements are no longer visible and/or reinfestation occurs. Replace cap when finished dispensing gel. Use paper towel to remove unwanted bait placements and then discard in trash.

Crack & Crevice® Treatment

This product can be applied as spots or as a line along cracks and crevices. Gel bait should be applied directly into cracks and crevices where insects hide. Place the applicator tip directly into cracks and crevices and deposit gel in small spots or in a continuous bead. Bait should be in the void area and not on open or exposed surfaces.

Food Handling Establishments

Application within food areas of food handling establishments is limited to cracks and crevices where insects hide. To apply gel, remove cap from tip of applicator tube. Apply gel in a 3 to 6 millimeter diameter bead (0.25 to 0.50 gram). Approximately 10 bait placements per 100 square feet are recommended for use under conditions with low to moderate infestation. For more severe infestations, approximately 20 bait placements per 100 square feet are recommended. Numerous small applications are preferable to fewer larger applications. Bait should not be used in open areas or on surfaces where contamination of food or food handling equipment may occur. Replace cap when finished dispensing gel.

Reapply gel if previous applications are no longer visible and/or reinfestation occurs.

Applications in Aircraft

Application within passenger areas of aircraft is limited to **Crack & Crevice** treatment only. Apply in areas between elements of construction (such as areas under sinks, openings around pipes, under shelving, where shelving meets other shelves or the wall, area between and around microwaves, where support braces attach to the main structure, and where seats are attached to the floor). Apply 10 to 20 bait spots per 100 square feet as described above. **DO NOT** apply bait to areas where food, utensils, or food preparation surfaces may become contaminated. **DO NOT** apply bait to areas that are routinely washed such as cracks and crevices in tops of tables, food preparation, and food holding surfaces as bait may be removed by washing. Care should be taken to avoid depositing gel onto exposed surfaces. If gel contacts an exposed surface, remove gel and wash exposed surface. During follow-up visits, inspect bait placements and reapply when previous applications are no longer visible and/or reinfestation occurs. **DO NOT** apply any bait in cockpit area.

Outdoor Use

Use for control of cockroaches. Inject into cracks and crevices around windows and doors, porches, screens, eaves, patios, garages, under stairways, and other areas adjacent to structures where cockroaches may find harborage.

Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as environmental conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF Agricultural Solutions US LLC ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer. BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW: (A) BASF MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY, (B) BUYER'S EXCLUSIVE REMEDY AND BASF'S AND SELLER'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT, AND (C) BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.** BASF and the Seller offer this product, and the Buyer and User accept it, subject to these **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF. PCS915

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Based on: NVA 2015-04-440-0178
Supersedes: NVA 2016-04-440-0120

BASF Agricultural Solutions US LLC
2 TW Alexander Drive
Research Triangle Park, NC 27713



Alpine®

Cockroach Gel Bait Rotation 2 Reservoir

ACTIVE INGREDIENT:

Dinotefuran 0.5%

OTHER INGREDIENTS: 99.5%

TOTAL: 100.0%

CAS No. 165252-70-0

EPA Reg. No. 499-507

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN

CAUTION/PRECAUCION

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IN A MANNER INCONSISTENT WITH ITS LABELING.**

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Directions For Use, and Conditions of Sale and Warranty.**

NET WEIGHT:

Alpine®

Cockroach Gel Bait Rotation 2 Reservoir

Smart Solutions Facts

A gel bait formulation to kill cockroaches in commercial and residential environments. Key attributes include:

- May be used in conjunction with non-repellent residual insecticides such as those containing chlorfenapyr (e.g., **PT® Phantom® II Pressurized Insecticide**, **Phantom® Termiticide-Insecticide**), dinotefuran (e.g., **Alpine® WSG Water Soluble Granules**, **PT® Alpine® Pressurized Insecticide**) and abamectin B₁ (e.g., **Avert® DF Dry Flowable Cockroach Bait**) or similar products. Always follow label use directions and applicable laws.
- For best management practices, use the bait as part of an overall Integrated Pest Management (IPM) program including use of non-repellent residuals.

- Easy to Use
- Effective Roach Control

KILLS: Cockroaches

FOR USE IN AND AROUND: Commercial, Institutional, and Warehousing Establishments (including Computer Facilities, Food/Feed Processing Plants, Hospitals, Hotels, Laboratories, Motels, Nursing Homes, Pet Shops, Restaurants, Schools, Supermarkets, Warehouses, and Zoos); Residences; and Transportation Equipment (Aircraft, Boats, Buses, Ships, and Trains)

ACTIVE INGREDIENT:

Dinotefuran 0.5%

OTHER INGREDIENTS: 99.5%

TOTAL: 100.0%

CAS No. 165252-70-0
EPA Reg. No. 499-507

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CAUTION/PRECAUCION

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HOTLINE NUMBER	
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Precautionary Statements

Hazards to Humans and Domestic Animals

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, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Environmental Hazards

DO NOT apply directly to water. **DO NOT** contaminate water by cleaning of equipment or disposal of equipment washwaters.

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.

Directions For Use

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

READ ENTIRE LABEL. Use strictly in accordance with **Precautionary Statements** and **Directions For Use** and with applicable state and federal regulations. Apply bait only in areas inaccessible to children and pets.

Use Restrictions

- Keep out of sunlight or excess heat.
- **DO NOT** apply bait to surfaces which may reach excessive temperatures. Examples include, but are not limited to, portions of stoves, ovens, grills, fume hoods, steam tables, toasters, fryers, dishwashers, and hot water pipes.

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal.

Pesticide Storage

Store in a cool, dry area away from heat or open flame, in an area that is inaccessible to children and animals.

Pesticide Disposal

Wastes resulting from use of this product may be disposed of on-site or at an approved waste disposal facility. If these wastes cannot be disposed of according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representatives at the nearest EPA Regional Office for guidance.

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DO NOT treat food preparation surfaces. **DO NOT** apply gels to areas that have been recently sprayed with a repellent insecticide. **DO NOT** spray repellent insecticide products over gel placements as this may make gel repellent and reduce its effectiveness. **DO NOT** place treatments in locations where routine cleaning might remove bait or transfer bait to food or food preparation surfaces.

This product will stick to surfaces that are not dusty or greasy. Reapply if gel placements are no longer visible and/or reinfestation occurs. Replace cap when finished dispensing gel. Use paper towel to remove unwanted bait placements and then discard in trash.

Crack & Crevice® Treatment

This product can be applied as spots or as a line along cracks and crevices. Gel bait should be applied directly into cracks and crevices where insects hide. Place the applicator tip directly into cracks and crevices and deposit gel in small spots or in a continuous bead. Bait should be in the void area and not on open or exposed surfaces.

Food Handling Establishments

Application within food areas of food handling establishments is limited to cracks and crevices where insects hide. To apply gel, remove cap from tip of applicator tube. Apply gel in a 3 to 6 millimeter diameter bead (0.25 to 0.50 gram). Approximately 10 bait placements per 100 square feet are recommended for use under conditions with low to moderate infestation. For more severe infestations, approximately 20 bait placements per 100 square feet are recommended. Numerous small applications are preferable to fewer larger applications. Bait should not be used in open areas or on surfaces where contamination of food or food handling equipment may occur. Replace cap when finished dispensing gel.

Reapply gel if previous applications are no longer visible and/or reinfestation occurs.

Applications in Aircraft

Application within passenger areas of aircraft is limited to **Crack & Crevice** treatment only. Apply in areas between elements of construction (such as areas under sinks, openings around pipes, under shelving, where shelving meets other shelves or the wall, area between and around microwaves, where support braces attach to the main structure, and where seats are attached to the floor). Apply 10 to 20 bait spots per 100 square feet as described above. **DO NOT** apply bait to areas where food, utensils, or food preparation surfaces may become contaminated. **DO NOT** apply bait to areas that are routinely washed such as cracks and crevices in tops of tables, food preparation, and food holding surfaces as bait may be removed by washing. Care should be taken to avoid depositing gel onto exposed surfaces. If gel contacts an exposed surface, remove gel and wash exposed surface. During follow-up visits, inspect bait placements and reapply when previous applications are no longer visible and/or reinfestation occurs. **DO NOT** apply any bait in cockpit area.

Outdoor Use

Use for control of cockroaches. Inject into cracks and crevices around windows and doors, porches, screens, eaves, patios, garages, under stairways, and other areas adjacent to structures where cockroaches may find harborage.

Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as environmental conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF Agricultural Solutions US LLC ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer. BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW: (A) BASF MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY, (B) BUYER'S EXCLUSIVE REMEDY AND BASF'S AND SELLER'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT, AND (C) BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.** BASF and the Seller offer this product, and the Buyer and User accept it, subject to these **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

PCS915

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000499-00507.20240821.**NVA 2024-04-0440-0139**
Based on: NVA 2015-04-440-0178
Supersedes: NVA 2016-04-440-0121

BASF Agricultural Solutions US LLC
2 TW Alexander Drive
Research Triangle Park, NC 27713



SPECIMEN

Alpine® WSG

Water Soluble Granule Insecticide

SMART SOLUTIONS FACTS

Key attributes of this product include:

- Non-repellent active ingredient
- May be used in conjunction with non-repellent insecticides such as those containing dinotefuran (e.g., **Alpine® Cockroach Gel Bait Rotation 1 Reservoir** and **Alpine® Cockroach Gel Bait Rotation 2 Reservoir**) or similar products. Always follow label use directions and applicable laws.
- Ant control product
- Rotational partner for bed bug control
- For use on Stored Product Pests

KILLS: Ants (including Argentine, Carpenter, Harvester, Odorous House, Red Imported, and Southern Fire; excluding Pharaoh), Asian Lady Beetles, Bean Plataspid (Kudzu Bug), Bed Bugs, Beetles (including Confused Flour Beetle, Granary Weevil, Lesser Grain Borer, and Warehouse Beetle), Brown Marmorated Stink Bugs, Centipedes, Cockroaches (including American, German and Turkestan), Collembola, Crickets, Earwigs, Fleas, House Flies, Millipedes, Mosquitoes (*Anopheles*), Paper Wasps, Pillbugs, Sowbugs, Spiders (excluding Brown Recluse), Stored Product Pests (Confused Flour Beetle, Granary Weevil, Lesser Grain Borer, and Warehouse Beetle) and Yellowjackets

FOR USE IN AND AROUND: Animal Housing (including Calf Hutches, Calving Pens and Parlors, Chicken Houses, Dairy Areas, Dog Kennels, Hog Barns, Horse Barns, Milk Rooms and Rabbit Hutches); Apartments; Campgrounds; Cemeteries; Clinics; Food Handling Establishments; Garbage or Refuse Bins and Receptacles; Grain Mills; Granaries; Green Belts; Homes; Hospitals; Hotels; Mausoleums; Mobile Homes; Motels; Food Processing Plants; Nursing Homes; Resorts; Schools; Storage Buildings; Trailers; Transportation Equipment (including Autos, Buses, Boats, Ships, Trains, Trucks, Planes - cargo areas only); Utilities; Warehouses; Commercial, Industrial, and Residential Buildings; Theme Parks; Parks and Recreational Areas and Zoos

Active Ingredient:

Dinotefuran: N-methyl-N-[(tetrahydro-3-furanyl)methyl]guanidine 40.0%

Other Ingredients: 60.0%

Total: 100.0%

EPA Reg. No. 499-561

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

See back booklet for **First Aid, Precautionary Statements, Directions For Use, Conditions of Sale and Warranty**, and state-specific pest and/or use site restrictions.

In case of an emergency endangering life or property involving this product, call day or night 1-800-832-HELP (4357).

Net Weight:

Produced For:
BASF Agricultural Solutions US LLC
2 TW Alexander Drive
Research Triangle Park, NC 27713

BASF
We create chemistry

FIRST AID	
If in eyes	• 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. • 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 BASF Agricultural Solutions US LLC (hereafter "BASF") for emergency medical treatment information: 1-800-832-HELP (4357).	

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Wear long-sleeved shirt and long pants, socks and shoes, and chemical-resistant gloves (made out of any waterproof material, such as Natural Rubber, selection Category A).

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

This pesticide is toxic to aquatic invertebrates. **DO NOT** apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. **DO NOT** apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in water adjacent to treated areas. **DO NOT** dispose equipment washwaters or rinsate into a natural drain or water body.

This product is toxic to honey bees. The persistence of residues and potential residual toxicity of dinotefuran in nectar and pollen suggests the possibility of chronic toxic risk to honey bee larvae and the eventual instability of the hive.

- This product is toxic to bees exposed to residues for more than 38 hours following treatment.
- **DO NOT** apply this product to blooming, pollen-shedding or nectar-producing parts of plants if bees may forage on the plants during this time period, unless the application is made in response to a public health emergency declared by appropriate state or federal authorities.

Groundwater Advisory

Dinotefuran and its degradate, MNG, have the properties and characteristics associated with chemicals detected in groundwater. The high water solubility of dinotefuran and its degradate, MNG, coupled with its very high mobility and resistance to biodegradation indicates that this compound has a strong potential to leach to the subsurface under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

PROTECTION OF POLLINATORS



APPLICATION RESTRICTIONS EXIST FOR THIS PRODUCT BECAUSE OF RISK TO BEES AND OTHER INSECT POLLINATORS. FOLLOW APPLICATION RESTRICTIONS FOUND IN THE DIRECTIONS FOR USE TO PROTECT POLLINATORS.

Look for the bee hazard icon  in the **Directions For Use** for each application site for specific use restrictions and instructions to protect bees and other insect pollinators.

This product can kill bees and other insect pollinators.

Bees and other insect pollinators will forage on plants when they flower, shed pollen, or produce nectar.

Bees and other insect pollinators can be exposed to this pesticide from:

- Direct contact during foliar applications, or contact with residues on plant surfaces after foliar applications.
- Ingestion of residues in nectar and pollen when the pesticide is applied as a seed treatment, soil, tree injection, as well as foliar applications.

When using this product take steps to:

- Minimize exposure of this product to bees and other insect pollinators when they are foraging on pollinator attractive plants around the application site.
- Minimize drift of this product onto beehives or to off-site pollinator attractive habitat. Drift of this product onto beehives or off-site to pollinator attractive habitat can result in bee kills.

(continued)

PROTECTION OF POLLINATORS *(continued)*

Information on protecting bees and other insect pollinators may be found at the Pesticide Environmental Stewardship website at: <http://pesticidestewardship.org/PollinatorProtection/Pages/default.aspx>.

Pesticide incidents (for example, bee kills) should immediately be reported to the state/tribal lead agency. For contact information for your state, go to: www.aapco.org/officials.html. Pesticide incidents should also be reported to the National Pesticide Information Center at: www.npic.orst.edu or directly to EPA at: beekill@epa.gov

Physical and Chemical Hazards

DO NOT apply water-based sprays of this product to conduits, motor housing, junction and switch boxes or other electrical equipment because of possible shock hazard.

DO NOT spray where electrical short circuits might result, such as wall outlets, conduits, etc.

Directions For Use

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



DO NOT apply this product while bees are foraging. DO NOT apply this product to plants that are flowering. Only apply after all flower petals have fallen off.

Use Restrictions

- **DO NOT** apply within aircraft cabins.
- **DO NOT** use in outdoor residential misting systems.
- **DO NOT** apply to humans or their clothing or to mattresses. **DO NOT** allow children or pets to contact treated surfaces until spray has dried.
- **DO NOT** apply to household pets. Cover fish tanks prior to application near tanks.
- **DO NOT** apply this product in patient rooms while occupied.
- **DO NOT** apply to classrooms when in use.
- When applying in residential or commercial structures, **DO NOT** contaminate food, feed stuffs or water supply. **DO NOT** contaminate food preparation surfaces, kitchen utensils, dishes or food/feed storage containers. Cover any food/feed contact surfaces and cooking utensils in the treatment area before treatment or thoroughly clean after treatment and before using.
- Apply to the point just prior to runoff. **DO NOT** allow applications of product to drip or run from surfaces.

- When applying to structural areas in and around live-stock housing, remove animals or treat in areas where animals are not present. **DO NOT** apply to animals. **DO NOT** allow insecticide to drift onto animals. **DO NOT** contaminate milk, food or drinking water.

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal.

Pesticide Storage

Store in a cool, dry area away from heat or open flame.

Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. If these wastes cannot be disposed of according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representatives at the nearest EPA Regional Office for guidance.

Container Handling

Single-use Packets

Nonrefillable container. DO NOT reuse or refill this container. Offer empty packet for recycling, if available, or dispose of in the trash or by incineration.

Resealable Plastic Bottle

Nonrefillable container. DO NOT reuse or refill this container. Triple rinse container promptly after emptying; then offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Triple rinse container as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

In Case of Emergency

In case of large-scale spill of this product, call:

- CHEMTREC 1-800-424-9300
- BASF 1-800-832-HELP (4357)

In case of medical emergency regarding this product, call:

- Your local doctor for immediate treatment
- Your local poison control center (hospital)
- BASF 1-800-832-HELP (4357)

Product Information

This product is a water-soluble granule containing the non-repellent active ingredient dinotefuran. Apply indoors and/or outdoors via crack and crevice, spot or surface application for the listed pests and use sites.

Mixing Instructions

Thoroughly clean spray equipment before mixing and application of this product.

Single-use Packets: 0.35 ounce (10 grams)

Add approximately 1/2 of the water to the spray tank. Tear open the packet and add contents to water, then complete the filling of the spray tank. Agitate the tank until the product is completely dissolved. Reagitate finished dilution if application is interrupted for an extended period of time.

Resealable Bottle:

Add approximately 1/2 of the water to the spray tank. Add 10 to 30 grams of product to water per 1,000 square foot area being treated (1 Tablespoon = 10 grams), then complete the filling of the spray tank. Agitate the tank until the product is completely dissolved. Reagitate finished dilution if application is interrupted for an extended period of time.

SPRAY DILUTION CHART

Desired Finished Dilution Concentration	Grams of product to make 1 gallon of finished dilution to treat up to 1,000 square feet	Grams of product to make 5 gallons of finished dilution to treat up to 5,000 square feet	Grams of product to make 25 gallons of finished dilution to treat up to 25,000 square feet	Grams of product to make 50 gallons of finished dilution to treat up to 50,000 square feet
0.1%	10	50	250	500
0.2%	20	100	500	1,000
0.3%	30	150	750	1,500

Refer to specific pest categories below for the proper use rate. **One gallon of finished dilution treats 1,000 square feet.** Depending on the surface, more or less water may be used to properly treat areas with a different application apparatus, but the proper amount of active ingredient should be used per square footage.

Tank Mixing

This product may be tank mixed with other water based insecticides including, but not limited to, insect growth regulators (IGR), quick knockdown products and residuals. Before mixing, test to see if products are compatible. When tank mixing, follow the more restrictive label use directions of the mixed products.

Void/Crack & Crevice® Application

Apply into cracks, crevices and voids with equipment designed for such applications. Follow the manufacturer's recommendations for proper equipment set-up and operating pressures. Place the tip of the applicator at or into the crack, crevice or void to be treated. Apply product in short bursts while keeping tip in position. Allow the air stream to push the finished dilution into voids and/or cracks and crevices. Apply in such a manner to avoid dripping and runoff.

Indoor Applications

Dilute to the proper concentration according to targeted pest infestation. Follow the mixing directions found in the **SPRAY DILUTION CHART**. Use one gallon of finished dilution per 1,000 square feet. Refer to **INDOOR APPLICATIONS** table for use rates and pests.

INDOOR APPLICATIONS		
Pests	Finished Dilution (grams per gallon)*	Application Instructions
Ants (excluding Pharaoh)	10	Make spot, Crack & Crevice® and/or void applications where ants may be foraging and/or nesting, such as, around doors, window frames, under sinks, around pipes and in pipe voids, attic venting and other areas where ants may find access or nest.
Bed Bugs	10 to 30	Make spot, Crack & Crevice and/or void applications where evidence of bed bug infestation occurs or bed bugs are suspected, or likely to occur, such as bed frames; box springs; inside empty dressers, clothes closets and luggage; carpets; draperies; furniture; headboards; high and low wall moldings and wallpaper edges. DO NOT apply to mattresses.
Crawling Insects/Pests including: Pillbugs, Spiders (excluding: Brown Recluse), and Turkestan Cockroaches	30	Make spot and/or Crack & Crevice applications into hiding places and entry points such as cracks and crevices, void areas, moist areas, openings around pipes and sinks, under refrigerators or vending machines, interiorscapes, across lower doorway frames and window openings.
Crickets, Cockroaches (American and German), and Millipedes	10 to 30	
Fleas	10	Apply to infested areas or potentially infested areas, such as rugs, floors, carpets, upholstered furniture, pet beds and pet resting areas. When applying to upholstered furniture, treat under cushions and areas where flea development can occur. DO NOT treat pets with this product.
House Flies	10 to 20	Make spot applications on surfaces where flies frequently roost such as door and window frames, screens, trash cans, plants, interiorscapes, ceilings and upper wall surfaces.
When a rate range is indicated, use the lower rate for maintenance applications and the higher rates for heavy infestations. *Refer to SPRAY DILUTION CHART for concentration of active ingredient in finished product.		

Food/Feed Handling Establishments

Food/Feed handling establishments are places other than private residences in which food is held, processed, prepared or served, including those operating under the Federal meat, poultry, shell egg grading and egg products inspection programs. **APPLICATIONS OF THIS PRODUCT IN FOOD/FEEED AREAS OF FOOD/FEEED HANDLING ESTABLISHMENTS MAY BE MADE AS A CRACK & CREVICE, VOID, SPOT OR GENERAL TREATMENT.** General surface application may be used only when the facility is not in operation provided exposed food/feed has been covered or removed from the area prior to application.

Food/Feed areas include areas for receiving, serving, storing (dry, cold, frozen, raw), packing (canning, bottling, wrapping, boxing), preparing (cleaning, slicing, cooking, grinding), edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups).

Non-food/feed areas include 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 areas (after packaging, canning or bottling).

Avoid contamination of food/feed or food/feed contact surfaces. Remove or cover food/feed, dishes, utensils, food processing equipment and food preparation surfaces in the treatment area or wash them before use. Apply as a **Crack & Crevice**, void, spot or general treatment to surfaces such as baseboards, under elements of construction, stainless steel equipment, shelving, machinery, storage areas, pallets, tables, chairs and other areas where listed pests may be harboring, traveling, breeding or entering the structure. Maximum use rate is 0.05 grams of active ingredient per linear foot. Reapplications may be made at 3 day intervals when applying as a **Crack & Crevice**, void or spot treatment, or at 6 day intervals when applying as a general surface treatment. This product can also be used as a preventative treatment for areas likely to have future infestations.

Indoor and Outdoor Applications

Dilute to the proper concentration according to targeted pest infestation. Follow the mixing directions found in the **SPRAY DILUTION CHART**. Use one gallon of finished dilution per 1,000 square feet. Refer to **INDOOR/OUTDOOR APPLICATIONS** table for use rates and pests.

In the state of New York, **DO NOT** apply outdoors except for **Crack & Crevice®** or spot treatments to structural components, stumps, utility poles, and fences.

INDOOR/OUTDOOR APPLICATIONS		
Pests	Finished Dilution (grams per gallon)*	Application Instructions
Asian Lady Beetles and Centipedes	10 to 30	Make spot, Crack & Crevice and/or void applications where these pests may harbor or hibernate, such as cracks and crevices, in weep holes, wall voids, around window and door frames, attics and behind siding. Apply to exterior wall surfaces around entry points and resting areas where insects congregate.
Bean Plataspid (Kudzu Bug), Brown Marmorated Stink Bugs	30	
Carpenter Ants	10 to 20	Make spot, Crack & Crevice and/or void applications to any trails, inside or outside, around doors and windows and other places where ants may enter premises (such as atriums, attic venting, crawl spaces, ceilings, fences, exterior building surfaces, landscape timbers, garages, hollow doors, soffits, wall voids, weep holes and other void areas). Where possible, directly apply to ant nests or infested wood or trees.
Paper Wasps and Yellowjackets	30	To treat a yellowjacket or wasp nest, apply liberally to the nest and the surrounding area. For nests inside wall voids, inject an amount sufficient to treat the entire nest. Most applications should require about 0.5 gallon of diluted material. Pay attention to surfaces or items that the product may contact (i.e. electrical wiring). DO NOT use where there is an electrical shock hazard. THIS PRODUCT DOES NOT PROVIDE INSTANT KNOCKDOWN.
Stored Product Pests (Confused Flour Beetle, Granary Weevil, Lesser Grain Borer, and Warehouse Beetle)	10	Before storing products, treat warehouses, production facilities, storage areas, rail cars, truck beds, and other areas where products are stored. Apply as a spot and/or Crack & Crevice treatment to cracks, crevices, and surfaces where pests have been seen or may have harborage. This product may be used to treat empty grain storage facilities and other listed areas for stored product pest control. Cleaning areas prior to use of this product will increase levels of control. Any foodstuffs infested with pests should be removed and destroyed.
When a rate range is indicated, use the lower rate for maintenance applications and the higher rates for heavy infestations. *Refer to SPRAY DILUTION CHART for concentration of active ingredient in finished product.		

PREVENTATIVE PROGRAMS: This product may be used as part of a preventative program or in anticipation of a pest problem associated with a structure or an event.

Outdoor Applications

Dilute to the proper concentration according to targeted pest infestation. Follow the mixing directions found in the **SPRAY DILUTION CHART**. Use one gallon of finished dilution per 1,000 square feet. Refer to **OUTDOOR APPLICATIONS** table for use rates and pests.

DO NOT apply this product, by any application method, to linden, basswood or other *Tilia* species in the State of Oregon.

In the state of New York, **DO NOT** apply outdoors except for **Crack & Crevice®** or spot treatments to structural components, stumps, utility poles, and fences.

OUTDOOR APPLICATIONS		
Pests	Finished Dilution (grams per gallon)*	Application Instructions
Ants (excluding Pharaoh)	10	Make spot and/or Crack & Crevice applications to any foraging trails, nests or mounds where ants are present. Make spot and/or Crack & Crevice applications to exterior areas where ants may enter a structure. Where possible, directly apply to ant nests or infested wood or trees. Curative broadcast applications can be made to yards, lawns, fields, parks, cemeteries, landscaping and structures. To help prevent infestations, make exterior structural and surrounding area applications according to this label.
Exterior Structural and Surrounding Area Applications for Collembola (Springtails), Crickets and Millipedes	10 to 30	Directly contacting pests, apply where pests rest, trail and harbor, such as structural and other voids (including voids associated with and around doors, windows, utility entry points, behind siding, weep holes and tree hollows), eaves of structures, around lights or other insect attractant areas, foliage, bushes, landscape materials, garbage receptacles, under trees and other shaded areas.
Exterior Structural and Surrounding Area Applications for Crawling Insects/Pests including: Earwigs, Pillbugs, Sowbugs, Spiders (excluding Brown Recluse), and Turkestan Cockroaches	30	
Fleas	10	Apply to yards, porches, patios or other areas of habitation for fleas, especially areas that pets frequent, directly contacting fleas. Pay particular attention to shaded areas with low protective covering such as under bushes, under decks, lawn furniture, lawn ornaments and other landscape materials. Apply to pet entry areas such as steps and stoops and other areas where pets rest or sit for extended periods of time, directly contacting fleas. DO NOT treat pets with this product.
House Flies	10 to 20	Apply to outside surfaces of screens, doors, window frames, porches, in garages, on foliage or wherever flies enter or congregate around or on the building, directly contacting flies. Application sites include inside and outside surfaces of dumpsters, other trash holding containers and surrounding surfaces, directly contacting flies.

(continued)

OUTDOOR APPLICATIONS <i>(continued)</i>		
Pests	Finished Dilution (grams per gallon)*	Application Instructions
Mosquitoes (<i>Anopheles</i>)	20	Apply using handheld, back-pack or truck mounted sprayers only. Not for use with truck mounted or handheld cold aerosol ULV sprayers, or thermal fogging devices. Use up to 50 gallons of diluted spray per 50,000 square feet. Apply to shrubbery, vegetation and other areas where mosquitoes may rest. Shrubby and vegetation around stagnant pools, marshy areas, ponds and shorelines may be treated if applied as a wet spray. Direct application of this product to any body of water is prohibited. DO NOT apply by aircraft. Not approved for use on mosquitoes in the state of New York.
When a rate range is indicated, use the lower rate for maintenance applications and the higher rates for heavy infestations. *Refer to SPRAY DILUTION CHART for concentration of active ingredient in finished product.		

USE IN AND AROUND LIVESTOCK HOUSING

For structural use indoors and outdoors of animal housing. Remove animals or treat in areas where animals are not present. **DO NOT** apply to animals. **DO NOT** allow insecticide to drift onto animals. **DO NOT** contaminate milk, food or drinking water.

To kill house flies on outdoor surfaces and in animal housing including calf hutches, calving pens and parlors, chicken houses, dairy areas, dog kennels, hog barns, horse barns, milk rooms and rabbit hutches: Treat normal fly resting areas such as ceilings, screens, upper corners of the area, around windows and doors, light fixtures and other surfaces known to attract flies. Apply as a coarse, wet spray. Using a mixture of 10 to 20 grams of product per gallon of water, apply at a rate of 1 gallon diluted product per 1,000 square feet of surface. For best results, initiate treatments at the beginning of the fly season and repeat during periods of heavy fly activity.

Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as environmental conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF Agricultural Solutions US LLC ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer. BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW: (A) BASF MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY, (B) BUYER'S EXCLUSIVE REMEDY AND BASF'S AND SELLER'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT, AND (C) BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.** BASF and the Seller offer this product, and the Buyer and User accept it, subject to these **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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BASF Agricultural Solutions US LLC
2 TW Alexander Drive
Research Triangle Park, NC 27713


We create chemistry

**For Prevention
and Control of:**

- Subterranean Termites which includes Formosan Termites
- Drywood Termites
- Carpenter Ants
- Listed Wood Destroying Beetles
- Fungi (Rot)
- Algae

BORA-CARE®

TERMITICIDE, INSECTICIDE, AND FUNGICIDE CONCENTRATE

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.
SEE BOOKLET FOR COMPLETE DIRECTIONS FOR USE.



NISUS®
CORPORATION

100 Nisus Drive • Rockford, TN 37853 • 800-264-0870

ACTIVE INGREDIENT:

Disodium Octaborate Tetrahydrate (CAS No. 12280-03-4)	40%
OTHER INGREDIENTS	60%
TOTAL	100%

EPA REG. NO. 64405-1 • EPA EST. 64405-TN-1

U.S. PATENT NO. 7,597,902

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MADE IN THE U.S.A.

For use in and around Residential, Institutional and Commercial Structures and Vehicles.

FIRST AID

If on Skin or Clothing	• Take off contaminated clothing. • Immediately rinse skin with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If in Eyes	• Hold eye open and rinse slowly and gently with water for 15-20 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.
Call a poison control center or doctor for further treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment.	

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

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

Personal Protective Equipment (PPE)

Applicators, mixers and other handlers must wear long-sleeved shirt, long pants, socks, shoes, chemical-resistant gloves (made of barrier laminate; butyl, nitrite, neoprene and natural rubbers $\geq$ 14 mils; polyethylene; polyvinyl chloride; and vitron $\geq$ 14 mils) and protective eyewear.

User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside, then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

Wood treatment facilities must take steps to prevent runoff of the product into the waterway. Treated material stored outdoors within 100 feet of a pond, lake, stream or river must be covered, surrounded by a containment berm or otherwise protected to prevent surface water runoff. The containment berm must be of sufficient height to prevent runoff during heavy rainfall events.

(For product in containers less than 5 gallons)

This pesticide is toxic to fish and wildlife. Do not apply directly to water, to intertidal areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

(For product in containers 5 gallons or greater)

This pesticide is toxic to fish and wildlife. Do not apply directly to water, to intertidal areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your state water board or regional office of the EPA.

DIRECTIONS FOR USE

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

Use of this product for the control of bed bugs is prohibited.

Applications to carpets are prohibited.

Do not exceed label dosage rates. Do not mix this product with any other product if prohibited by that label.

Notice

Read and understand the entire label before using. Use only according to label directions.

Before using this product, read **Warranty Disclaimer** and **Limitation of Remedies** statements found elsewhere on this label. If terms are unacceptable, return unopened package to seller for full refund of purchase price. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under **Warranty Disclaimer** and **Limitation of Remedies**.

Use Restrictions

Do not use on food contact surfaces or surfaces where food is prepared. Do not use in serving areas where food is exposed. Do not contaminate feed, water or food. Do not enter or allow others to enter or occupy treated areas until spray has been absorbed into the wood. Treated areas must not be occupied during application.

Phytotoxicity

This product may be phytotoxic to plants. When treating around the exterior of structures, cover and protect shrubs and other plants that may be potentially exposed to this product.

I. Mixing Instructions

Bora-Care is a concentrate that **must** be diluted with clean water or a combination of water and permitted insecticide and/or repellent/coating, and/or antimicrobial before use. The use of warm or hot water is not required, but, if available, can aid the dilution process. A power impeller-type mixer can be used with an electric drill to shorten mixing time.

A. Manual Applications: Mix in a clean container and stir the solution until completely uniform prior to use.

B. Mechanical Systems: Add all of the dilution water to tank, start recirculator and slowly add Bora-Care concentrate. Mix until uniform.

Use 1:1, 2:1 and 3:1 Bora-Care solutions within 24 hours after mixing; 5:1 solutions will remain stable for up to 30 days. Do not leave unused solution under pressure or in tank overnight. Rinse equipment and lines with water after use.

For tracking purposes (to make it easier to see where Bora-Care solutions have been applied) an appropriate marker dye or pigment may be added as part of the diluent to the Bora-Care solution. Refer to the dye or pigment product label for the recommended amount to add to the Bora-Care solution. Bora-Care concentrate may also be diluted with approved water-based water repellents or coatings at dilutions listed on the repellent/coating label provided the ratios are greater than 1 part water to 1 part Bora-Care.

Use soap and water to clean up tools.

II. Dilution Ratios by Volume

Table A – General Dilution Rates

Target Pests	Mixing Ratios Diluent PLUS Bora-Care	Application Notes
Subterranean Termites which includes Formosan Termites	1:1 or 2:1	For remedial and preventative treatments apply a 1:1 dilution for all treatments by spray, injection, brush or roller. The 2:1 dilution may be used for foaming or misting, for application into inaccessible wall voids.
Drywood Termites	1:1, 2:1 or 5:1	For remedial treatment apply the 1:1 or 2:1 dilution by foam or by misting. Use the 5:1 dilution for prevention.
Anobiid and Lyctinae Powderpost Beetles	1:1 or 5:1	For all remedial treatments use a 1:1 dilution. Use a 5:1 dilution for treating hardwood floors. Use the 5:1 dilution for prevention.
Old House Borers, Longhorned Beetles and Ambrosia Beetles	1:1 or 5:1	Use the 1:1 dilution for remedial and preventative treatment in wood > 4" thick. Use the 5:1 dilution for prevention in wood less than 4" thick or hardwood floors.
Carpenter Ants	1:1, 2:1 or 5:1	Use the 1:1 dilution for all remedial treatments. Use the 2:1 dilution for remedial treatments applied by foam or with a misting machine (or applicator). Use the 5:1 dilution for prevention.
Fungi (Rot) and Algae	1:1, 3:1 or 5:1	For remedial control use a 1:1 dilution on wood members 4" thick or greater. Use a 3:1 dilution for wood less than 4" thick or for active remedial treatment of dry rot. For prevention use a 5:1 dilution. May be used at a 5:1 dilution to control and prevent fungi on wood less than 4" thick when mixed with other fungicides.

Table B

Parts Diluent to Part Bora-Care	% Disodium Octaborate Tetrahydrate
1 to 1	23%
2 to 1	16%
3 to 1	13%
5 to 1	9%
Use 1:1, 2:1 and 3:1 Bora-Care solutions within 24 hours after mixing; 5:1 solutions will remain stable for up to 30 days. Do not leave unused portion under pressure or in tank overnight. Clean and/or flush equipment and lines with water after use.	

III. Product Information

Bora-Care is not intended for application to soil; it is not a soil termiticide. **Do not use to directly treat soil. Prior to using this product, consult with your state regulatory agency to see if there are additional requirements beyond the label.**

Bora-Care contains an inorganic borate salt, soluble in water, with insecticidal and fungicidal properties effective against wood destroying organisms, including the target pests listed below. This product may be used as a remedial treatment of infested wood and as a preventative treatment of wood in existing or new construction. Bora-Care solution is recommended for protection of all interior and exterior wood (including wood-foam composite structural components). Treatment is intact provided the treated material is not exposed to rain, continuous water or in direct contact with the ground.

Reticulitermes, Heterotermes, Coptotermes: Subterranean Termites

Kaloterms, Incisitermes: Drywood Termites

Zootermopsis, Neoterms: Dampwood Termites

Lycitinae: True Powderpost Beetles

Bostrichidae: False Powderpost Beetles

Ptinidae: Anobiid Beetles

Cerambycidae, Hylotrupes: Old House Borers, Longhorned Beetles

Platypodidae, Scolytidae, Curculionidae: Ambrosia/Bark Beetles

Buprestidae: Metallic Wood Boring Beetle

Camponotus: Carpenter Ants

Brown Rot (including dry rot), White Rot, Wood Decay and Listed Fungi

<i>Antrodia sinuosa</i>	<i>Gloeophyllum abietinum</i>	<i>Phialophora lueto-olivacea</i>	<i>Poria vallantii</i>
<i>Antrodia xantha</i>	<i>Gloeophyllum sepiarium</i>	<i>Phoma herbarum</i>	<i>Poria vaporaria</i>
<i>Aureobasidium pullulans</i>	<i>Gloeophyllum trabeum</i>	<i>Phoma lanosa</i>	<i>Poria xantha</i>
<i>Basidiomycete</i>	<i>Hericium abietis</i>	<i>Polyporus abietinus</i>	<i>Rhinocladia spp.</i>
<i>Bisporia pusillas</i> 132	<i>Heterobesidiana annosum</i>	<i>Polyporus rugulosus</i>	<i>Scerophoma pityophila</i>
<i>Ceratocystis pluriannulata</i>	<i>Lentinus lepideus</i>	<i>Polyporus sulphureus</i>	<i>Serpula lacrymans</i>
<i>Ceratocystis picea</i>	<i>Lenzites trabea</i>	<i>Polyporus tomentosus</i>	<i>Sistotrema brinkmense</i>
<i>Chaetomium globosum</i> keinze	<i>Merulius lacrymans</i>	<i>Polyporus versicolor</i>	<i>Stereum abietinum</i>
<i>Coniophora cerebella</i>	<i>Ophiostoma coeruleum</i>	<i>Polystictus versicolor</i>	<i>Torulla spp.</i>
<i>Coniophora olivacea</i>	<i>Paecilomyces varioti</i>	<i>Poria carbonica</i>	<i>Trametes lilacino-gliva</i>
<i>Coniophora puteana</i>	<i>Phialophora spp.</i>	<i>Poria incrassata</i>	<i>Trametes serialis</i>
<i>Fomes lividus</i>	<i>Phialophora fastigiata</i>	<i>Poria monticola</i> 698	<i>Trichocladium asperum</i>
<i>Fomes officinalis</i>	<i>Phialophora haffmannii</i>	<i>Poria nigrescens</i> 4856	
<i>Fomes pini</i>	<i>Phialophora heteromorpha</i>	<i>Poria placenta</i>	
<i>Fomes pinicola</i>	<i>Phialophora lignicola</i>	<i>Poria subacida</i>	

Bora-Care solutions may be used on all cellulose materials, concrete, block, brick, metals, PVC plumbing pipes and other non-cellulosic materials not intended for food contact. Apply Bora-Care solutions only to bare surfaces where an intact water-repellent barrier, such as paint, stain or sealer is not present.

When spraying overhead interior areas of homes, apartment buildings, etc., cover or protect all surfaces below the areas being sprayed with plastic sheeting or other material and dispose if contamination from dripping occurs. Do not apply in food serving areas while food is exposed. Cover all food contact and preparation surfaces prior to treatment. After treatment, thoroughly clean all food contact surfaces with a water/detergent solution followed with a potable water rinse. Remove all pets; turn off fish aquarium pumps and cover.

In new construction applications for the prevention of subterranean termites, structural wood is defined as: only wood needed for the basic building structure as found in the "dried-in" stage of construction, including wood in direct contact with foundations, interior and exterior wall sill plates, wood studs, wood or cellulosic sheathing, floor joists and sub-flooring.

IV. Remedial Infested Wooden Treatment

A. Accessible wood: Spray and/or inject Bora-Care solution into beetle holes, termite and carpenter ant galleries and decay pockets. Apply 1 coat of Bora-Care solution to the point of surface saturation to all infested and susceptible wood, paying particular attention to infested areas. Apply 2 coats of Bora-Care solution to those wood members with only 1 or 2 exposed sides. For quicker control, apply an additional coat to heavily infested areas. Allow first application to dry by waiting at least 20 minutes between applications. For specific pests to be controlled refer to **Table A** for applicable mixing instructions.

In cases where the infestation is not accessible from the surface, drill small holes into the wood to gain access to the infested area. Inject enough solution to completely flood galleries or voids. Adjacent intact wood may be treated by

pressure injecting Bora-Care solution into holes drilled into the wood at 8- to 10-inch intervals. For treating infested wall voids, refer to Sections IV.E. and F.

B. Basements and crawl spaces: Apply 1 coat of Bora-Care solution to all accessible surfaces including concrete walls, sill plates, piers, girders, subfloors, floor joists and any wood exposed to vertical access above ground. On wood where access is limited to 1 or 2 sides of wood members, such as sills and plates on foundation walls, apply 2 [two] coats of Bora-Care solution. Allow first application to dry by waiting at least 20 minutes between applications. One gallon of solution will treat up to 400 square feet of floor area (subfloor, floor joists, header and sill plates).

C. Buildings on concrete slabs: Apply Bora-Care solution into wall voids by foaming (See Section IV.F.) or misting. Locate each stud and drill a small hole through the wall covering to gain access to the infested area. Drill holes every 18-24 inches adjacent to the side of each stud and apply Bora-Care solution to capacity per hole. Drill at least one hole per stud bay near the floor to treat the base plate in each void. Treat entire wall area as opposed to single stud bays to completely include the infested area within the treatment zone. Treat at least 6 inches of concrete slab out from the penetration site, if accessible.

D. Wood flooring, paneling or other visible wood: Treat by spray, brush or roller application. Prior to application, remove any existing finish by coarse sanding or stripping. Apply a 2:1 Bora-Care solution at a rate of approximately 1 gallon of solution per 500 square feet of floor surface. Allow floor to completely dry (typically 48 to 72 hours). Moisture content must be 16% or less before applying final finish. Bora-Care solution applications may raise the grain of the wood and an additional **light** sanding may be necessary before applying a new finish. The Bora-Care solution is compatible with most floor coatings; always test a small section of treated floor with the new finish and check for appropriate adhesion prior to coating the entire floor.

Note: Heartwood is not penetrated quickly: If surface is tacky or residue is evident after 72 hours of drying time, wash affected area with clean water and a mop, cloth or sponge, rinsing frequently. Allow surface to dry prior to final **light** sanding and application of finish coat. Wood that is wetted can swell so an expansion gap may be needed. Wood that is thoroughly wetted and redried may warp or twist

E. Inaccessible wall voids, wall studs and wood members: Apply by foaming (See Section IV.F.) or misting into voids and channels of damaged or suspected infested wood and/or through small holes drilled into walls and baseboard areas. Space holes no more than 24" apart along each member to be treated and at least 1 hole must be drilled between each wall stud when treating base plates. Use sufficient amount of solution to cover all areas to the point of surface saturation.

Note: Existing insulation may block distribution of the Bora-Care solution. Remove insulation prior to treatment.

F. Foam application: Add appropriate amount of foaming agent to produce a desired foam expansion.

G. Foam insulation: Apply by injecting a 1:1 Bora-Care solution into the infested area and/or by low pressure surface spraying.

Note: Some types of foam insulation, such as polyisocyanurate and extruded polystyrene, have closed cell structures that do not allow significant penetration from surface application. Inject and surface spray these types of insulation.

H. Non-cellulose (or non-wood) treatments: Apply a supplemental treatment of Bora-Care solution to concrete, block or brick on the interior of crawl space and basement foundations to prevent shelter tubing by subterranean termites.

Apply a 1:1 Bora-Care solution at the rate of 1 gallon to up to 400 square feet of surface area. In crawl space, apply solution 2 feet (24 inches) up from the ground on interior wall surfaces. In unfinished basements with bare concrete slabs, apply the 1:1 Bora-Care solution 2 feet up from the concrete slab on interior foundation walls. In addition to the wall treatment, extend application up to 6 inches away from foundation walls onto the horizontal surface of the bare concrete slab. Treat both trap areas in concrete slab construction, after obtaining access to the area, by evenly applying 8 ounces of the 1:1 Bora-Care solution into the traps out at least 1 foot (12 inches) in all directions from the edge of the trap area. Treat other termite access areas (such as plumbing penetrations, expansion joints and abutting slabs) by applying the 1:1 Bora-Care solution into the penetration, out at least 1 foot in all directions from the edge of the penetration area. Also treat protruding utilities and adjacent wood to a height of 2 feet.

V. Preventative Treatment of Wooden Structures for Drywood and Dampwood Termites, Carpenter Ants, Old House Borers, Powderpost and Other Wood Boring Beetles, and Fungi (Rot)

Note: Bora-Care is not intended for application to soil.

Apply when access to wooden structural components is optimized such as at the “dried-in” stage.

For treatment of new log structures see Section IX. Treat all structural wood with a 5:1 Bora-Care solution. Concentrate application in areas susceptible to attack, to include all sills, plates, floor joists, piers, girders and subfloors. Treat structural wood in all plumbing, electrical and ductwork areas where they penetrate walls and/or floors. Treat all structural wood base plates and studs on interior and exterior walls, especially those surrounding any high moisture areas such as bathrooms, kitchens and laundry rooms. For buildings built on concrete slabs, treat all structural wood in contact with the concrete slab, all interior and exterior wall studs and wall sheathing material. In attics, treat all structural wood including ceiling joists, trusses, top plates, rafters and roof decking. Treat all structural wood sill plates and structural wood contacting garages and porches.

In areas where access is limited to 1 or 2 sides of a wood member, including exterior wall base plates and any married studs, apply 2 coats of Bora-Care solution to the exposed surfaces. Allow first application to dry by waiting at least 20 minutes between applications.

Treat all exterior wood including siding, facias, soffits, eaves, roofing, porches, decks and railings.

VI. Preventative Treatments and Pretreatments for Subterranean Termites including Formosan Termites (Crawl Space, Basement and Concrete Slab)

Note: This treatment serves as a primary treatment for the control of subterranean termites including Formosan termites and must be applied with a 1:1 Bora-Care solution.

In new construction applications for the prevention of subterranean termites, structural wood is defined as: only wood needed for the basic building structure as found in the “dried-in” stage of construction, including wood in direct contact with foundations, interior and exterior wall sill plates, wood studs, wood or cellulosic sheathing, floor joists and sub-flooring.

Apply when access to wooden structural components is optimized and when no further framing modifications will be

made, such as after final framing inspection. If treatment is carried out prior to framing inspection, a second visit is required to ensure full treatment is still intact.

In areas where access is limited to 1 or 2 sides of a wood member, including exterior wall base plates and any married studs, apply 2 coats of Bora-Care solution to the exposed surfaces. Allow first application to dry by waiting at least 20 minutes between applications.

A. Crawl Spaces and/or Basements: Apply 1 coat of a 1:1 Bora-Care solution in a 2 foot high uninterrupted band to the point of surface saturation to all structural surfaces in crawl spaces and basements, to include all sills, plates, floor joists, piers, girders and subfloors as well as structural wood exposed to direct vertical access from the soil. To prevent termite shelter tubes on crawl space or basement walls, apply a 1:1 Bora-Care solution to crawl space concrete or block walls in a 2 foot band up from the ground on interior wall surfaces. Apply at the rate of 1 gallon to up to 400 square feet of surface area. Treat a 2-foot band around construction materials and structural wood adjacent to plumbing, electrical conduit and ducts where they penetrate subfloors, if they provide a direct vertical access from the soil. Treat all structural wood, in finished basements where structural wood framing is immediately adjacent to the exterior foundation walls. Spray the concrete slab surface a minimum of 2 to a maximum of 8 inches.

On structural wood where access is limited to 1 or 2 sides of wood members such as sill plates and headers on foundation walls, married studs or wrapped sheathing, apply 2 coats of Bora-Care solution. Allow first application to dry by waiting at least 20 minutes between applications. If accessible, treat the exterior of structural wood sill areas around the entire perimeter of the structure with a 2-foot high band of a 1:1 Bora-Care solution beginning with the sill area and extending upwards onto the sheathing material. On multiple story structures, treat only the first story above the masonry foundation level.

Structures on Concrete Slabs: Apply 1 coat of a 1:1 Bora-Care solution to all wood, metal and/or non-cellulosic sill/base plates and the bottom 2 feet of all wood, metal and/or non-cellulosic studs on all exterior and interior walls in contact with the concrete slab. Treat at the rate of 1 gallon of solution to up to 400 linear feet of stud walls. Treat all wood in plumbing walls, bath traps and any wood adjacent to plumbing, electrical conduit and duct penetrations to provide a minimum 2 foot high barrier of treatment between the bottom of the penetration site and the balance of the structure. **In areas where access is limited to 1 or 2 sides of a structural wood member, such as sills and plates on foundation walls, married studs or wrapped sheathing, apply 2 coats of Bora-Care solution to the exposed surfaces.** Allow first application to dry by waiting at least 20 minutes between applications. When spraying base plates, also treat the concrete slab a minimum of 2 inches to a maximum of 8 inches out from plates. Treat the concrete slab where any visible cracks may be occurring, extending treatment 8 to 12 inches out on each side of the concrete slab crack.

Treat all penetrations (such as plumbing, expansion joints and abutting concrete slabs) by spraying the 1:1 Bora-Care solution 2 feet high and extending application to cover at least 6 inches of concrete slab out from penetration site.

Evenly treat bath traps with a minimum of 8 ounces of the 1:1 Bora-Care solution to a maximum of 16 ounces per square foot of trap. Treat all concrete slabs at least 1 foot out from all bath trap penetrations.

Concrete, cinder block or non-cellulosic exterior walls must be treated with a 1:1 Bora-Care solution 2 feet on the

interior side of wall surface up from the concrete slab. This treatment must be applied as a continuous 2 foot barrier to all interior surfaces of all exterior walls. Treat at the rate of 1 gallon of a 1:1 Bora-Care solution to 400 square feet of surface area.

B. Foam insulation: Treat with low-pressure surface spraying or by injecting a 1:1 Bora-Care solution to the infested area at the rate of one 1 gallon up to 400 square feet.

Note: Some types of foam insulation, such as polyisocyanurate and extruded polystyrene, have closed cell structures that do not allow significant penetration from surface application. Inject and surface spray these types of insulation.

VII. Preventative Treatment for Drywood Termites and Powderpost Beetles

Apply 1 coat of a 5:1 Bora-Care solution to the point of surface saturation to all structural wood surfaces using a brush, spray or mist. Apply 2 coats of Bora-Care solution to those surfaces where access is limited to 1 or 2 sides of structural wood members. Allow first application to dry by waiting at least 20 minutes between applications.

VIII. Treatment of Exterior Wood Surfaces Less Than Two Inches Thick such as Decks, Sheds and Fences

Apply only to bare wood or to wood surfaces where an intact water repellent or finish is not present. Remove paint or finish prior to application. Apply 1 coat of Bora-Care solution to the point of surface saturation to all wood surfaces. Apply 2 coats of Bora-Care solution to heavily infested areas and to those surfaces where access is limited to 1 or 2 sides of wood members. Allow first application to dry by waiting at least 20 minutes between applications. Do not apply in rain or snow. Do not expose treated exterior wood surfaces to rain or snow for at least 48 hours after treatment. If inclement weather is expected, protect exterior treated surfaces with a plastic tarp.

For wood in contact with the ground or soil, see Section XI.

A. Finishing and Maintaining Treated Surfaces: For best results, exterior wood surfaces that have been treated with Bora-Care solution will require a topcoating with a water-resistant finish such as paint or exterior stain. Apply the finish or topcoat within 6 weeks of treatment. It is important to allow Bora-Care -treated wood to completely dry (at least 48 hours) before applying any protective topcoat. Coat a small section of treated wood with the finish to be used and check for compatibility prior to complete application.

IX. Treatment of Log Structures, Timbers, Beams, Pilings and Exterior Wood Members Two or More Inches Thick

Apply only to bare wood or to wood surfaces where an intact water repellent or other finish is not present. Remove paint or finish prior to application. Prior to treatment, clean interior, unfinished surfaces that have accumulated dirt or cooking oils with a strong detergent. Apply a 1:1 Bora-Care solution to the point of surface saturation to all interior and exterior wood surfaces. Apply 2 coats of Bora-Care solution to log ends, notches, corners and sill logs. Wait at least 1 hour before re-application.

Actual number of coats necessary to meet minimum requirements will depend upon wood size, surface porosity and number of sides accessible for treatment. Refer to application chart for the minimum amount of Bora-Care solution needed to

treat various sized logs or beams. Typically, 2 coats of solution are required to treat round logs 10" or greater in diameter and rectangular logs larger than 6" x 12". Wait at least 20 minutes before re-application. Do not apply in rain or snow. Do not expose treated exterior wood surfaces to rain or snow for at least 48 hours after treatment. If inclement weather is expected, cover exterior treated surfaces.

A. Finishing and Maintaining Treated Surfaces: For long-term protection, exterior wood surfaces that have been treated with Bora-Care solution will require a topcoating with a water-resistant finish, paint or exterior stain. Apply the finish or topcoat within 6 weeks of treatment. It is important to allow Bora-Care-treated wood to completely dry (at least 48 hours) before applying any protective topcoat. Coat a small section of treated wood with the finish to be used and check for compatibility prior to complete application.

X. Dip Treating Logs and Lumber

Prepare a 5:1 Bora-Care dip treating solution. This will result in a stable solution containing 9% active ingredient. Sticker bundled wood to ensure the solution covers all wood surfaces. Submerge logs and/or lumber in the solution for at least 1 minute or until all entrapped air has escaped. Protect treated wood from rain or snow for at least 24 hours after treatment.

XI. Treatment of Wood in Contact with the Ground

A Bora-Care solution treatment to wood in contact with the ground or soil has a limited lifespan and will require periodic reapplication.

XII. Prevention and Remedial Control of Algae

On Cellulosic Building Components: Apply Bora-Care solution for the prevention and remedial control of algae to cellulosic building components (drywall, insulation) in new construction and existing structures and where an intact water repellent barrier such as paint, stain or sealer is not present. Apply Bora-Care solution at the rate of 1 gallon of solution to up to 400 square feet of surface area. Apply only to the back paper side of drywall and to cellulose insulation. In areas where drywall has been installed and insulation is enclosed, apply the Bora-Care solution using a misting machine (or applicator) applying sufficient solution to cover surfaces at the rate of 1 gallon to up to 400 square feet. Refer to Tables A and B for mixing ratios for preventative and remedial algae treatments.

On Exterior Stone Concrete Walkways and Concrete Walls: Apply Bora-Care solution to exterior stone and concrete walkways and walls for the prevention and control of algal growth. Apply a 5:1 Bora-Care solution at the rate of 1 gallon of solution to up to 400 square feet of walkway or wall surface area. Do not spray abutting grass or plantings.

XIII. General Pest Control Applications

The application of Bora-Care solution to the surface of wood in new construction or to wood surfaces inside wall void areas in existing structures helps to prevent the establishment of cockroach, ant (except fire, harvester and pharaoh ants), silverfish, earwig, boxelder bug, millipede and cricket infestations that come in direct contact with these treated areas. Apply 1 gallon of Bora-Care solution to up to 400 square feet of surface area or refer to Tables A and B when applying as a surface application.

XIV. Bora-Care Total Wood Preservative for Use Prior to Installation of Lumber

Bora-Care is a wood preservative for protection and treatment of wood against brown rot, white rot, fungi (rot) and wood destroying insects including beetles, termites and carpenter ants. Treatment is permanent provided the treated material is not exposed to rain, moisture or ground contact.

A. Surface Preparation: Apply only to bare wood or to wood surfaces where an intact water repellent or other finish is not present. Remove any previous finishes or water repellents before application of the Bora-Care solution. Surfaces must be free of dirt and other contaminants. Prior to treatment, clean with a strong detergent all interior, unfinished surfaces that are to be treated and that have accumulated dirt or cooking oils. If finished appearance is a concern, prior to application of Bora-Care solution, remove any surface fungi with an appropriate wood cleaner followed by thorough surface rinsing.

B. Application Instructions: Do not apply in rain or snow. Do not expose treated exterior wood surfaces to rain or snow for at least 48 hours after treatment. If inclement weather is expected, protect exterior treated surfaces with a plastic tarp. Apply by spray, brush, roller, or dip.

C. Retention Rates: One gallon of Bora-Care concentrate (2 gallons of Bora-Care solution as applied) will treat 800 board feet of wood to a minimum retention level of 0.084 pounds per cubic foot boric acid equivalent (BAE). Since the active ingredient penetrates throughout the wood being treated, calculate the amount of Bora-Care solution needed on the volume of wood being treated, not just the surface area. Use the following formulas to calculate the required amount of Bora-Care solution:

Lumber (2x4, 2x6, 2x12, etc.)

Material thickness (inches) x material width (inches) x material length (feet) divided by 12 = Board Feet

For Log Homes

Log height (inches) x log thickness (inches) x perimeter (feet) x number of courses divided by 12 = Board Feet
(For round logs use the average diameter for both height and thickness measurements)

For Siding and Paneling

One gallon of Bora-Care concentrate (2 gallons of solution) will treat 800 sq. ft. of 1" thick wood by spraying only one side. If siding or paneling is 1/2" thick, 1 gallon of Bora-Care concentrate (2 gallons solution) treats 1,600 sq. ft.

XV. Estimated Volume of Bora-Care Needed

Table C – Lumber

Lumber Size (Inches)	1 Gallon of Diluted Bora-Care Will Treat Up To
1 x 4	1,200 Lineal Feet
1 x 12	400
2 x 4	600
2 x 6	400
2 x 8	308
2 x 10	240
2 x 12	200
4 x 4	300
4 x 6	200
4 x 8	150
4 x 12	100
6 x 6	133
6 x 8	100
6 x 10	80
6 x 12	68

Table D – Panels, Siding and Plywood

(1:1 or 2:1 mixing ratio)

Thickness (Inches)	1 Gallon of Diluted Bora-Care Will Treat Up To
1/4	1,600 sq. ft.
3/8	1,067
1/2	800
3/4	533
1	400

Table E – Round Logs

(only the 1:1 mixing ratio)

Diameter (Inches)	1 Gallon of Diluted Bora-Care Will Treat Up To
6	167 Linear Feet
8	96
10	61
12	43

Note: The numbers listed above are based on an application rate of 1 gallon of Bora-Care solution to 400 board feet of wood.

XVI. Bora-Care Solution to Control Annosus Root Disease (*Heterobasidion annosum* (Fr.) Bref.) to Treat the Top of Freshly Cut Stumps

Dilute Bora-Care to a 5% solution by thoroughly mixing 1 gallon of Bora-Care with 9 gallons of water. Using a mechanical harvester, back-pack sprayer or hand-held sprayer, apply solution to the point of wetness to the surfaces of freshly cut stumps immediately after or within 3 days of felling. One gallon of solution will treat 200 square feet of stump surface area (approximately 200 to 1,000 stumps, depending on stump size).

STORAGE AND DISPOSAL

(for product packaged in rigid, nonrefillable containers less than or equal to 5 gallons)

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

Pesticide Storage: Store in a cool, dry (preferably locked) storage area inaccessible to children and pets. Do not freeze.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Management:** Nonrefillable container; do not reuse or refill this container. Triple rinse (or equivalent) container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times, then offer for recycling, if available; or reconditioning, if appropriate; or puncture and dispose of in a sanitary landfill; or by incineration.

STORAGE AND DISPOSAL

(for product packaged in rigid, nonrefillable containers greater than 5 gallons)

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

Pesticide Storage: Store in a cool, dry (preferably locked) storage area inaccessible to children and pets. Do not freeze.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Management:** Nonrefillable container; do not reuse or refill this container. Triple rinse (or equivalent) container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times, then offer for recycling, if available; or reconditioning, if appropriate; or puncture and dispose of in a sanitary landfill; or by incineration.

Warranty Disclaimer

To the extent not prohibited by applicable law, Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. To the extent not prohibited by applicable law, **MANUFACTURER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

Inherent Risks of Use

The directions for use are believed to be adequate and must be carefully followed. It is impossible to eliminate all risks associated with use of this product. Lack of performance or other unintended consequences may result because of such factors as use of the product contrary to label instructions, abnormal conditions, the presence of other materials, climatic conditions or the manner of application, all of which are beyond the control of the Manufacturer. To the extent not prohibited by applicable law, the buyer/user assumes all such risks.

Limitation of Remedies

To the extent not prohibited by applicable law, the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability or other legal theories) shall be limited to, at Manufacturer's election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

To the extent not prohibited by applicable law: a) Manufacturer shall not be liable for losses or damages resulting from handling or use of this product unless Manufacturer is promptly notified of such loss or damage in writing; and b) **TO THE EXTENT NOT PROHIBITED BY APPLICABLE LAW, IN NO CASE SHALL MANUFACTURER BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OR LOSSES, INCLUDING WITHOUT LIMIT, HEALTH RELATED DAMAGES OR INJURIES.**

The terms of this Warranty Disclaimer and Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Manufacturer or the seller is authorized to vary or exceed the terms of this Warranty Disclaimer or Limitation of Remedies in any manner.

It is not intended that this product be used to practice any applicable patent, whether mentioned or not, without procurement of a license if necessary from the owner following investigation by the user.

Bora-Care, Nisus and Nisus Corporation are registered trademarks of Nisus Corporation.

Made in the U.S.A.

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Specimen Label

- Kills bed bugs and bed bug eggs
- Formulated to kill pyrethroid-resistant bed bug strains
- Kills all bed bug life stages by contact
- Accepted for direct application on mattresses
- Multimode action and control

ACTIVE INGREDIENTS:

Clothianidin	0.40%
Metofluthrin.....	0.01%
Piperonyl Butoxide*	1.00%
OTHER INGREDIENTS:	98.59%
	100.00%

*(butylcarbityl) (6-propylpiperonyl) ether and related compounds

KEEP OUT OF REACH OF CHILDREN

See inside for precautionary statements.

DIRECTIONS FOR USE

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

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

USE RESTRICTIONS:

- FOR INDOOR USE ONLY
- THIS PRODUCT IS NOT FOR USE ON HUMANS OR ANIMALS.
- Do not use in commercial food/feed processing, preparation, and food/feed storage or serving areas.
- In residential areas, all food/feed processing surfaces and utensils must be covered during treatment, or thoroughly washed before use. Cover or remove exposed food/feed.
- Remove pets, birds and cover fish aquariums before spraying.
- DO NOT allow adults, children or pets to enter treated area until sprays are dry.
- DO NOT apply to plants or crops.
- DO NOT treat areas when occupants are present.
- DO NOT apply as a space spray.
- DO NOT wet articles to the point of runoff or drip.
- DO NOT use treated articles until spray has dried.

SHAKE WELL BEFORE EACH USE

This product will not stain water-safe fabrics and surfaces; however, care should be taken to test an inconspicuous area for staining prior to use.

HOLD CONTAINER UPRIGHT WITH NOZZLE POINTED AWAY FROM YOU. PRESS VALVE AND SPRAY FROM A DISTANCE OF 8 TO 10 INCHES. SPRAY EACH SQUARE FOOT FOR 5 SECONDS OR UNTIL DAMP. USE THE CONVENIENT APPLICATOR FOR CRACK AND CREVICE TREATMENT.

CROSSFIRE® Aerosol effectively kills bed bugs in residential, industrial, commercial, military and government buildings and structures. **CROSSFIRE** Aerosol's technology provides residual control for up to one month on unpainted wood surfaces after application and is formulated to target pyrethroid-resistant wild and field, as well as susceptible bed bug strains. **CROSSFIRE** Aerosol also kills bed bug nymphs and eggs by contact. Apply **CROSSFIRE** Aerosol as an indoor crack and crevice, spot treatment, or direct spray application (according to application instructions) in non-food areas including but not limited to: homes, hotels, motels, kennels, shelters, modes of transportation, restaurants, schools, hospitals, nursing homes, warehouses, offices, apartments, theaters, mobile homes, factories, grocery stores, dormitories, day care facilities, shelters, rest areas, waiting rooms, garages, new construction, cellulose insulation, cotton batting, industrial transportations such as: buses, taxis, aircraft, trucks, U-Hauls® and moving vans, trailers, recreational vehicles (RVs), recreational buildings, campers, ships, boats, ferries, trains, yachts, cars and animal transportation vehicles. This product will not stain water-safe fabrics or surfaces; however, care should be taken to test an inconspicuous area for staining prior to use. This product will extend control to non-chemical temperature dependent methods such as heat treatments.

TO KILL BED BUGS (Adults, Nymphs and Eggs): For best results, vacuuming surfaces is recommended prior to treatment. Spray bed bugs and eggs directly wherever possible. Spray surfaces thoroughly, paying special attention to areas where bed bugs and their eggs hide or harbor, such as in and around non-food areas including on and around baseboards, floorboards, millwork, bed frames, headboards, wall hangings, non-upholstered furniture, door and window frames, walls, closets, window treatments, beneath floor coverings, as well as other non-washable items that may come in contact with bed bugs such as luggage, shoes and backpacks. If treating a pet's living environment, spray on and around pet beds, pet bedding, floors, pet sleeping areas and furnishings. Pet bedding must be washed before reuse. Do not spray product directly on pets. Allow treated surfaces to dry thoroughly prior to being contacted by people or pets.

MATTRESS, CARPET AND UPHOLSTERED FURNITURE APPLICATION:

CROSSFIRE Aerosol can be directly applied to mattresses and box springs. Infested bed linens must not be treated. These must be removed, tightly sealed in a plastic bag, laundered and dried at high temperatures prior to reuse. Vacuuming surfaces prior to treatment is highly recommended. Spray product directly to mattress surface, paying special attention to seams, folds, tufts and edges, as well as bed frames and box springs where bed bugs harbor. Clean linen must be put on bed prior to reuse.

For use on upholstered furniture, apply product directly to seams, folds, tufts and edges **ONLY**. Do not apply to surfaces that may have direct contact with people or pets. Allow treated areas to dry thoroughly prior to being contacted by people or pets.

When treating carpets, floor coverings or rugs, spray on and around baseboards, floorboards and along edges of carpeting. Apply enough product to get spray coverage to the bottom of the carpet and pad where bed bugs may be hiding. Spray under rugs.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Applicators and other handlers must wear:

- Long-sleeved shirt,
- Long pants, and
- Shoes and socks.

USER SAFETY REQUIREMENTS:

- Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.
- Discard clothing and other absorbent materials that have been drenched or heavily contaminated with the product. Do not reuse them.

PHYSICAL OR CHEMICAL HAZARDS:

Contents are under pressure. Do not use or store near heat, sparks or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Keep product from freezing. Do not apply this product in, on or around electrical equipment due to the possibility of shock hazard.

HOTLINE NUMBER:

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information on this product (including health concerns, medical emergencies or pesticide incidents), you may call 1-888-740-8712.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE:

Do not store near heat or open flame. Store in cool dry area away from children. Keep from freezing.

PESTICIDE DISPOSAL:

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

CONTAINER DISPOSAL:

Do Not Puncture or Incinerate! **If empty:** Place in trash or offer for recycling if available. This container may be recycled in an aerosol recycling center. At present, there are only a few such centers in the country. Before offering for recycling, empty the can by using the product according to the label. **If partly filled:** Call your local solid waste agency or 1-888-740-8712 for disposal instructions.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

CONDITIONS:

The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of MGK. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, MGK MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of MGK is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, MGK disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT MGK'S ELECTION, THE REPLACEMENT OF PRODUCT.



Federal regulations prohibit
CFC propellants in aerosols

CROSSFIRE
aerosol

EPA Reg. No. 1021-2788
EPA Est. No. 1021-MN-2
Rev. 1119-1221



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U-Haul® is a registered trademark of U-Haul International, Inc.
Crossfire® is a registered trademark of Sumitomo Chemical Co., Ltd.

RESTRICTED USE PESTICIDE

Due to Dermal Toxicity

For retail sale to and use by, Certified Applicators, or persons under their direct supervision
and only for those uses covered by the Certified Applicator's Certification.

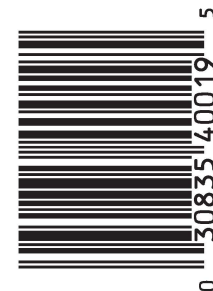
TRACKING POWDER



Photo may not be representative of a label-consistent placement.

DITRAC®

TRACKING POWDER



NET WT:
6 lbs (2.72 kg)

KILLS RATS & MICE

ACTIVE INGREDIENT:

Diphacinone (CAS #82-66-6): 0.2%

OTHER INGREDIENTS: 99.8%

TOTAL 100.0%

KEEP OUT OF REACH OF CHILDREN WARNING

See back panels for First Aid, additional Precautionary Statements, and Directions for Use.

Scan here for Health and Safety
sections of this label in Spanish:



Product Code: DI5066

FIRST AID	
HAVE LABEL WHEN OBTAINING TREATMENT ADVICE	
If Swallowed:	• Call a poison control center, doctor, or 1-877-854-2494 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.
If on Skin or Clothing:	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15–20 minutes. • Call a poison control center, doctor, or 1-877-854-2494 immediately for treatment advice.
If Inhaled:	• Move person to fresh air. • If person is not breathing, call an ambulance, then give artificial respiration, preferable mouth-to-mouth, if possible. • Call a poison control center, doctor, or 1-877-854-2494 immediately for treatment advice.
NOTE TO PHYSICIAN	
If swallowed, this material may reduce the clotting ability of the blood and cause bleeding. If ingested, administer Vitamin K1 intramuscularly or orally. Repeat as necessary based on monitoring of prothrombin times.	
TREATMENT FOR PET POISONING	
If an animal eats this bait, call a veterinarian or 1-877-854-2494 at once.	
NOTE TO VETERINARIAN	
Anticoagulant Diphacinone: For animals ingesting bait and/or showing poisoning signs (bleeding or elevated prothrombin times), give Vitamin K1.	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING: May be fatal if absorbed through the skin. Harmful if swallowed. Avoid breathing dust. Keep away from children, domestic animals and pets. Do not get in eyes, on skin, or on clothing. Avoid exposure to this product during pregnancy. All handlers (including applicators) must wear coveralls over short sleeve shirt and short pants, chemical resistant footwear, socks, waterproof gloves and a NIOSH approved particulate respirator with any N, R, or P filter with NIOSH approval number prefix TC-84A. Any person who retrieves carcasses or unused bait following application of this product must wear waterproof gloves.

User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco or using the toilet and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to mammals and birds. Dogs and other predatory and scavenging mammals and birds might be poisoned if they feed upon animals that have eaten this bait. Only use indoors and in burrows leading indoors. Do not contaminate water when disposing of equipment wash water or rinsate.

RESTRICTED USE PESTICIDE

Due to Dermal Toxicity
For retail sale to and use by, Certified Applicators, or persons under their direct supervision and only for those uses covered by the Certified Applicator's Certification.



ACTIVE INGREDIENT:	
Diphacinone (CAS #82-66-6):	0.2%
OTHER INGREDIENTS:	
	99.8%
TOTAL	100.0%

KEEP OUT OF REACH OF CHILDREN WARNING

See side panels for First Aid, additional Precautionary Statements, and Directions for Use.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store only in original container in a cool, dry place inaccessible to children and pets. Keep containers closed and away from other chemicals.

Pesticide Disposal: Wastes resulting from the use of this product may be placed in trash or delivered to an approved waste disposal facility.

Container Handling: Nonrefillable container. Do not reuse or refill this container. Offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill; or by incineration.



NET WEIGHT:
6 lbs (2.72 kg)

EPA REG. NO. 12455-56
EPA EST. NOS. 12455-WI-1k,
12455-WI-2P, 12455-WI-3W
Superscript is first letter of the lot number.

DIRECTIONS FOR USE

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

READ THIS LABEL: Read this entire label and follow all use directions and use precautions. Use only for the sites, pests, and application methods described on this label.

USE RESTRICTIONS:

This product is for use indoors and in burrows leading indoors only.

This product is for control of Norway rats, roof rats and house mice only inside of homes, industrial, commercial, agricultural, and public buildings, and similar man-made structures and in burrows located along the periphery of buildings and likely entry routes into buildings. DITRAC® Tracking Powder must be placed in locations inaccessible to children, pets, domestic animals, or wildlife. Do not place near or inside ventilation duct openings. Do not contaminate water, food, feedstuffs, food or feed handling equipment, or milk or meat handling equipment or surfaces that come into direct contact with food.

SELECTION OF TREATMENT AREAS:

Determine dry areas where rats and mice will most likely pick up the powder on their feet or fur and ingest it during grooming. Generally, these areas are along walls, by gnawed openings and burrows, in corners and concealed places, in space between floors and walls or in locations where rodents or their signs have been observed. Remove goods piled directly on floor and place on skids. Use boxes or other obstacles to force rodents to travel through constricted areas. Give special attention to the climbing ability of roof rats. For this species, use suitable PVC, sheet metal, cardboard, or similar rigid tubing securely attached to rafters or other horizontal surfaces where rats will pass. Employ tubes long enough to prevent spillage of powder through the ends.

APPLICATION DIRECTIONS:

Evenly sprinkle 3 level teaspoons of this product in patches 12 inches long and 6 inches wide. Apply the powder into the rodent burrow or holes or within walls with a hand bulb or similar duster. Do not use power dusting devices. Sprinkle the powder in patches in such a manner as to expose the rodent to it. Patch size may be (but not limited to) 6" x 12" and should be adapted to each situation. For rat burrows that are located along the periphery of buildings and that are likely to serve as routes of entry into these structures, place about 5 grams of this product in each burrow. Close burrows with soil, loose leaves, or paper. Repeat if burrows are reopened. Maintain powder in treated areas for at least 20 days.

FOLLOW-UP:

For replacing or removing powder, wear coveralls over short sleeve shirt and short pants, chemical resistant footwear, socks, waterproof gloves and a NIOSH approved particulate respirator with any N, R, or P filter with NIOSH approval number prefix TC-84A. Replace contaminated powder immediately. Collect and properly dispose of any leftover powder, as well as any powder that has become accessible to non-target animals. For collecting dead rodents, wear waterproof gloves and properly dispose of all dead, exposed animals. To discourage reinfestation, limit sources of rodent food, water, and harborage as much as possible. If reinfestation does occur, repeat treatment.

WARRANTY: To the extent consistent with applicable law, seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

101725/09-19

FIRST AID	
HAVE LABEL WHEN OBTAINING TREATMENT ADVICE	
If Swallowed:	• Call a poison control center, doctor, or 1-877-854-2494 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.
If on Skin or Clothing:	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15–20 minutes. • Call a poison control center, doctor, or 1-877-854-2494 immediately for treatment advice.
If Inhaled:	• Move person to fresh air. • If person is not breathing, call an ambulance, then give artificial respiration, preferable mouth-to-mouth, if possible. • Call a poison control center, doctor, or 1-877-854-2494 immediately for treatment advice.
NOTE TO PHYSICIAN If swallowed, this material may reduce the clotting ability of the blood and cause bleeding. If ingested, administer Vitamin K ₁ intramuscularly or orally. Repeat as necessary based on monitoring of prothrombin times.	
TREATMENT FOR PET POISONING If an animal eats this bait, call a veterinarian or 1-877-854-2494 at once.	
NOTE TO VETERINARIAN Anticoagulant Diphacinone: For animals ingesting bait and/or showing poisoning signs (bleeding or elevated prothrombin times), give Vitamin K ₁ .	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING: May be fatal if absorbed through the skin. Harmful if swallowed. Avoid breathing dust. Keep away from children, domestic animals and pets. Do not get in eyes, on skin, or on clothing. Avoid exposure to this product during pregnancy. All handlers (including applicators) must wear coveralls over short sleeve shirt and short pants, chemical resistant footwear, socks, waterproof gloves and a NIOSH approved particulate respirator with any N, R, or P filter with NIOSH approval number prefix TC-84A. Any person who retrieves carcasses or unused bait following application of this product must wear waterproof gloves.

User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco or using the toilet and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to mammals and birds. Dogs and other predatory and scavenging mammals and birds might be poisoned if they feed upon animals that have eaten this bait. Only use indoors and in burrows leading indoors. Do not contaminate water when disposing of equipment wash water or rinsate.

RESTRICTED USE PESTICIDE

Due to Dermal Toxicity

For retail sale to and use by, Certified Applicators, or persons under their direct supervision and only for those uses covered by the Certified Applicator's Certification.

DITRAC®

TRACKING POWDER

KILLS RATS & MICE

ACTIVE INGREDIENT:

Diphacinone (CAS #82-66-6): 0.2%

OTHER INGREDIENTS: 99.8%

TOTAL 100.0%

KEEP OUT OF REACH OF CHILDREN WARNING

See side panels for First Aid, additional Precautionary Statements, and Directions for Use.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store only in original container in a cool, dry place inaccessible to children and pets. Keep containers closed and away from other chemicals.

Pesticide Disposal: Wastes resulting from the use of this product may be placed in trash or delivered to an approved waste disposal facility.

Container Handling: Nonrefillable container. Do not reuse or refill this container. Offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill; or by incineration.

WARRANTY: To the extent consistent with applicable law, seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

Manufactured by:



3699 Kinsman Blvd.
Madison, WI 53704 U.S.A.
www.belllabs.com

MADE IN USA

NET WEIGHT:
25 lbs (11.33 kg)

EPA REG. NO. 12455-56
EPA EST. NOS. 12455-WI-1k,
12455-WI-2P, 12455-WI-3W
Superscript is first letter of the lot number.

DIRECTIONS FOR USE

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

READ THIS LABEL: Read this entire label and follow all use directions and use precautions. Use only for the sites, pests, and application methods described on this label.

USE RESTRICTIONS:

This product is for use indoors and in burrows leading indoors only.

This product is for control of Norway rats, roof rats and house mice only inside of homes, industrial, commercial, agricultural, and public buildings, and similar man-made structures and in burrows located along the periphery of buildings and likely entry routes into buildings. DITRAC® Tracking Powder must be placed in locations inaccessible to children, pets, domestic animals, or wildlife. Do not place near or inside ventilation duct openings. Do not contaminate water, food, feedstuffs, food or feed handling equipment, or milk or meat handling equipment or surfaces that come into direct contact with food.

SELECTION OF TREATMENT AREAS:

Determine dry areas where rats and mice will most likely pick up the powder on their feet or fur and ingest it during grooming. Generally, these areas are along walls, by gnawed openings and burrows, in corners and concealed places, in space between floors and walls or in locations where rodents or their signs have been observed. Remove goods piled directly on floor and place on skids. Use boxes or other obstacles to force rodents to travel through constricted areas. Give special attention to the climbing ability of roof rats. For this species, use suitable PVC, sheet metal, cardboard, or similar rigid tubing securely attached to rafters or other horizontal surfaces where rats will pass. Employ tubes long enough to prevent spillage of powder through the ends.

APPLICATION DIRECTIONS:

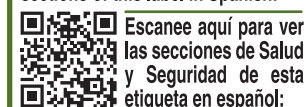
Evenly sprinkle 3 level teaspoons of this product in patches 12 inches long and 6 inches wide. Apply the powder into the rodent burrow or holes or within walls with a hand bulb or similar duster. Do not use power dusting devices. Sprinkle the powder in patches in such a manner as to expose the rodent to it. Patch size may be (but not limited to) 6" x 12" and should be adapted to each situation. For rat burrows that are located along the periphery of buildings and that are likely to serve as routes of entry into these structures, place about 5 grams of this product in each burrow. Close burrows with soil, loose leaves, or paper. Repeat if burrows are reopened. Maintain powder in treated areas for at least 20 days.

FOLLOW-UP:

For replacing or removing powder, wear coveralls over short sleeve shirt and short pants, chemical resistant footwear, socks, waterproof gloves and a NIOSH approved particulate respirator with any N, R, or P filter with NIOSH approval number prefix TC-84A. Replace contaminated powder immediately. Collect and properly dispose of any leftover powder, as well as any powder that has become accessible to non-target animals. For collecting dead rodents, wear waterproof gloves and properly dispose of all dead, exposed animals. To discourage reinfestation, limit sources of rodent food, water, and harborage as much as possible. If reinfestation does occur, repeat treatment.

101725/09-19

Scan here for Health and Safety sections of this label in Spanish:



Escanee aquí para ver las secciones de Salud y Seguridad de esta etiqueta en español:



Product Code: D15067

INSECTS:

Indoors: Apply directly to listed insects as a crack-and-crevice application in all hiding places, including behind baseboards, sinks, cabinets, meter boxes, door frames, wall voids, plumbing chases, under sink cabinets, attics, windows and closets. Apply directly to listed insects as a spot treatment application to breeding and nesting sites for listed crawling insects (excluding fire or carpenter ants), hiding places and other places where crawling insects may be found. Apply this product indoors to fire ants on non-porous surfaces only. **DO NOT** apply more than once every 7 days. In the state of California, **DO NOT** apply more than once every 16 days in residential areas.

Outdoors: Apply to surfaces on buildings, porches, patios, and other structures, openings around doors and windows, eaves and attic vents, utility entry points, weep holes, soffit areas and other exterior openings (including foundation cracks or driller holes) where listed pests may enter the structure or where they have been seen or found, or can find shelter. Apply to ant trails, around doors and windows, in crawl spaces and other places where ants may be found. **DO NOT** apply more than once every 7 days. **DO NOT** apply this product outdoors to fire or carpenter ants. In the state of California, **DO NOT** apply more than once every 15 days to residential structures or once every 70 days for commercial structures. For California only, the outdoor rate for residential structures is 1 second of spray per 2 square feet and 1 second of spray per 3 square feet for commercial structures.

BED BUGS: Remove linens and wash before reuse. Spray bed bugs and eggs directly. Take bed apart and spray bed bugs and eggs directly that are found in or on cracks, joints and interior of framework as well as bedsprings, box springs and furniture. On infested mattresses, apply directly to bed bugs and eggs. Allow treatment to dry thoroughly before re-making bed. **DO NOT** use in patient rooms in hospitals and nursing homes for treatment of bed bugs while occupied by patients. As part of a bed bug treatment program, this product may be used in conjunction with a bed bug proof treatment application. **DO NOT** apply more than once every 7 days. In the state of California, **DO NOT** apply more than once every 16 days in residential areas.

PANTRY INSECTS/STORED PRODUCT INSECT PESTS: Apply around cartons, containers, shelving, storage areas, closets, cabinets, behind or under walls and baseboards and other areas where these insects tend to congregate. **DO NOT** apply to areas where food/feed, food utensils or food processing surfaces may come into contact and become contaminated. Infested products should be disposed of. **DO NOT** apply more than once every 7 days. In the state of California, **DO NOT** apply more than once every 16 days in residential areas.

FLYING INSECTS:

Indoors: Apply as a spot treatment to surfaces where house flies or stable flies congregate, collect or rest. **DO NOT** apply more than once every 7 days. In the state of California, **DO NOT** apply more than once every 16 days in residential areas.

Outdoors: Apply directly to listed insects on outside surfaces of windows and door frames and other areas where these pests may enter the home. Also spray localized nesting areas, such as under eaves, porches, light fixtures and cords, railings, etc. where these insects may rest. **DO NOT** apply more than once every 7 days. In the state of California, **DO NOT** apply more than once every 35 days to residential structures or once every 70 days for commercial structures. For California only, the outdoor rate for residential structures is 1 second of spray per 2 square feet and 1 second of spray per 3 square feet for commercial structures.

CARPENTER BEES: Apply the spray directly into gallery entrance holes. Exterior wood surfaces may be treated to prevent nest cavity excavation by adult carpenter bees. Following treatment, the entrance holes must be left open 24 hours to be certain that returning adult bees are killed. When there is no activity, the hole may be sealed with a suitable sealant. **DO NOT** apply more than once every 7 days. In the state of California, **DO NOT** apply more than once every 35 days to residential structures or once every 70 days for commercial structures. For California only, the outdoor rate for residential structures is 1 second of spray per 2 square feet and 1 second of spray per 3 square feet for commercial structures.

WOOD DESTROYING INSECTS OUTDOORS: This product may be used as a spot treatment for control of above-ground termites and wood infesting beetles inside "trees, utility poles, fencing and decking materials and similar structural members. Wherever possible, locate an interior infested cavity and spray directly into the entrance hole to listed wood destroying insects which are present at the time of treatment. Repeat applications as needed to maintain control of re-infestations. This product is not intended to provide structural termite pest control. For termites, the purpose of this application is to kill workers and/or winged reproductive forms of termites which are present at the time of treatment. It is not intended to provide structural pest control, and is not a substitute for mechanical alteration, soil and foundation treatment, but merely as a supplement. **DO NOT** apply more than once every 7 days. In the state of California, **DO NOT** apply more than once every 35 days to residential structures or once every 70 days for commercial structures. For California only, the outdoor rate for residential structures is 1 second of spray per 2 square feet and 1 second of spray per 3 square feet for commercial structures.

*Not Registered for Use by California.

Contains no CFCs or other ozone depleting substances. Federal regulations prohibit CFC propellants in aerosols.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store upright at room temperature. Do not store near heater/appliance. Keep this product in its tightly closed original container. Store in a cool, dry (preferably locked) area that is inaccessible to children and animals.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spilled bait, or residue is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the hazardous waste representative at the nearest EPA Regional Office for Guidance.

CONTAINER HANDLING: Do not puncture or incinerate! Nonrefillable container. Do not reuse or refill this container. If empty: Place in trash or other for recycling if available. If partially filled: Call your local solid waste agency for disposal instructions.

LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence or strict liability or otherwise, shall not exceed the purchase price paid or at Central Solutions Inc., election, the replacement of product.

Manufactured for:
Control Solutions Inc.
5903 Genoa-Red Bluff Rd
Pasadena, Texas 77507
A Member of the ADAMA Group



POT 2Q M5749 DSC 8 10084 59008 9



- Kills pests on contact and leaves behind a residual
- Contains 4 unique modes of action
- For use in and around food handling establishments

KILLS: Ants, Bed Bugs, Booklice, Boxelder Bugs, Carpenter Bees, Carpet Beetles (Black and Varied), Centipedes, Cigarette Beetles, Clover Mites, Cockroaches, Crickets, Darkling Beetles, Drain Flies, Earwigs, Firebrats, Fruit Flies, Ground Beetles, House Flies, Lady Beetles, Leafhoppers, Measurms (Yellow or Dark), Millipedes, Pantry Insects, Pillbugs, Pharaoh Ants, Silverfish, Sowbugs, Spiders, Spider Beetles, Springtails, Stable Flies, Stink Bugs, Stored Product Pests, Termites (subterranean and drywood), Webbing Clothes Moths, Weevils and Wood Destroying Insects.

FOR USE IN AND AROUND: Apartments, Non-Food/Non-Feed Storage Areas, Food/Feed Handling Establishments, Homes, Hospitals, Hotels, Kennels, Animal Housing Facilities (poultry houses, cattle, sheep, swine, goat and dairy facilities, horse stables, and pet sleeping quarters), Medical Facilities, Motels, Nursing Homes, Resorts, Non-Food/Non-Feed and Food/Feed Areas of Restaurants and other Food/Feed Handling Establishments, Schools, Stores, Supermarkets, Modes of Transport (Buses, Bots, Ships, Trains, Trucks, Planes (cargo areas only), Utility Rooms, Warehouses, and other Commercial and Industrial Buildings.

For indoor and outdoor (excluding fire or carpenter ants) use

ACTIVE INGREDIENTS:

Indoxacarb	0.10%
Novaluron	0.20%
Imidacloprid	0.05%
Pyriproxyfen	0.02%
OTHER INGREDIENTS*	99.63%
TOTAL:	100.00%

*Contains petroleum distillates

EPA Reg. No. 53883-455

EPA Est. No. 53883-TX-002

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID

- IF SWALLOWED:**
- Immediately call a poison control center or doctor.
 - Do not induce vomiting unless told to do so by a poison control center or doctor.
 - Do not give anything to the person.
 - Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center, doctor, or going for treatment. For additional information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), you may contact SafetyCall® International at (866) 891-8050, twenty-four (24) hours per day seven (7) days per week.

NOTE TO PHYSICIAN: Contains petroleum distillate. Vomiting may cause aspiration pneumonia.

PRODUCT INFORMATION: This product contains four active ingredients: two adulticides and two insect growth regulators. The adulticides give quick kill of existing indoor adult insects while the insect growth regulators work to prevent new adults from developing. Apply this product as an indoor crack-and-crevice, spot or void treatment. Spray may leave a slight residue with heavy applications that is easily removed with soap and water. For outdoor applications (excluding fire ants and carpenter ants) this product will kill and contact listed pests as a crack-and-crevice, spot or void application.

NET CONTENTS: 15 FL OUNCES

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms. **DO NOT** apply directly to any body of water. To protect the environment, **DO NOT** allow pesticide to enter or run-off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area.

PHYSICAL AND CHEMICAL HAZARDS

Extremely Flammable. Contents under pressure. Keep away from fire, sparks, and heated surfaces. **DO NOT** puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

DIRECTIONS FOR USE

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

For indoor or outdoor use as either a crack-and-crevice injection or spot treatment. Use this product with the supplied actuator.

USE RESTRICTIONS:

DO NOT use this product to treat drywood termites in New York State. **DO NOT** use this product as the sole source of control for active, structural infestations by subterranean termites. **DO NOT** apply this product directly to companion animals (pets). **DO NOT** apply to rooms or structures where they are occupied by or easily accessible to companion animals (pets). **DO NOT** make applications to any animal feedstuffs, water or watering equipment. **DO NOT** contaminate animal food, feed or water in and around companion animal housing while making applications. **DO NOT** apply this product in a way that will contact adults, children or pets, either directly or through drift. **DO NOT** allow adults, children or pets to enter the treated area until sprays have dried. **DO NOT** apply in classrooms while they are in use. Room should be thoroughly ventilated after spraying before re-entry. **DO NOT** apply to institutions (e.g., libraries and recreational facilities) where users are present in the immediate area. **DO NOT** apply this product in patient rooms while occupied, or in any rooms while occupied, including rooms occupied by the elderly or the infirmed. **DO NOT** use in serving areas while food is exposed. In the home, cover or thoroughly wash all food processing surfaces and utensils following treatment if contaminated. Cover exposed food and drinking water or remove from area being treated. All outdoor applications must be limited to spot or cracks-and-crevices treatments only. **DO NOT** apply in aircraft cabins. Applications to aircraft must be limited to cargo areas and galley kitchen only. **DO NOT** use this product in electrical equipment (where there is exposed wiring or contact points) due to possibility of short circuits and shock hazard. **DO NOT** make outdoor applications during rain. **DO NOT** apply directly to outdoor impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment. **DO NOT** apply this product to areas or surfaces where food/feed, food utensils, or food-processing surfaces may come into contact and become contaminated. **DO NOT** apply to food prep areas that are routinely washed, such as cracks and crevices in tops of tables, food/feed preparation and holding surfaces for prepared foods. **DO NOT** apply directly into sewers or drains, or to any area like a gutter where drainage to storm sewers, water bodies, or aquatic habitat can occur, unless labeled for drain treatment. Remove pets, birds and cover fish aquariums and ornamental ponds before spraying and turn aquarium systems off. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

CRACK-AND-CREVICE APPLICATION: Inject this product into cracks-and-crevices or void spaces where listed insects may be harboring, living or breeding. Place injector tip into cracks, crevices, holes and other small openings for direct spray to target listed insects. Release approximately one second of spray per injection. For a heavy infestation, make injections approximately 12" apart. For light infestations or preventative treatment, make applications approximately three feet apart. In long running cracks, move injector tip along the crack while spraying at the rate of three linear feet per second. For heavy infestations move injector tip along at the rate of one linear foot per second. For inaccessible closed voids calculate the void's volume and treat at rate of five to ten seconds per three cubic feet. Several holes may be required in long running voids. Apply this product indoors to fire ants on non-porous surfaces only. **DO NOT** apply more than once every 7 days. In the state of California, **DO NOT** apply more than once every 16 days in residential areas.

SPOT TREATMENT: Apply to storage facilities, closets, around water pipes, doors and windows, behind and under refrigerators, cabinets, sinks, stoves and other equipment, shelves, drawers and similar areas. Spray as many listed insects as possible directly. Hold can 12 to 15 inches from surface to be treated. Apply at the rate of 2 seconds per 2 sq. ft. Spot treatments must **NOT** exceed two square feet in size (for example, 2 ft. by 1 ft. or 4 ft. by 0.5 ft.). Apply this product indoors to fire ants on non-porous surfaces only. **DO NOT** apply more than once every 7 days. In the state of California, **DO NOT** apply more than once every 16 days in residential areas.

FOOD/FEEED HANDLING ESTABLISHMENTS - Non-Food/Non-Feed Areas: Examples of non-food/non-feed areas include garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, mop closets and storage (after packaging, cleaning or bottling). All areas that insects inhabit or through which listed insects may enter should be treated directly. This product may be used while the facility is in operation. Use as a crack-and-crevice or spot treatment as instructed above. Apply this product indoors to fire ants on non-porous surfaces only. **DO NOT** apply more than once every 7 days. In the state of California, **DO NOT** apply more than once every 9 days.

FOOD/FEEED HANDLING ESTABLISHMENTS - Food/Feed Areas: Examples of food/feed areas include areas for receiving, storage, packing (conning, bottling, wrapping, boxing), preparing edible waste storage, and enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas are also considered a food/feed area when food is exposed and facility is in operation. This product may be used while the facility is in operation. Use as a crack-and-crevice treatment only. **DO NOT** apply to areas where food/feed, food utensils or food processing surfaces may come into contact and become contaminated. If food contact surfaces become contaminated, contact surfaces must be thoroughly washed with an effective cleaning compound and rinsed with potable water after use of this product. Apply this product indoors to fire ants on non-porous surfaces only. **DO NOT** apply more than once every 7 days. In the state of California, **DO NOT** apply more than once every 9 days.

ALL-WEATHER
BLOX™



FINAL®
ALL-WEATHER BLOX™

KILLS RATS, MICE & MEADOW VOLES*

Kills Warfarin Resistant Norway Rats And House Mice

Mold Resistant • Moisture Resistant

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panels for First Aid and additional precautionary statements.

ACTIVE INGREDIENT:

Brodifacoum (CAS #56073-10-0): 0.005%

OTHER INGREDIENTS†: 99.995%

†Contains Denatonium Benzoate TOTAL 100.000%

NET WT:

18 lbs (8.16 kg)

*Not permitted for use against the following species in California: Cotton rat, Eastern harvest mouse, Golden mouse, Polynesian rat, Meadow vole, White-throated woodrat, Southern plains woodrat, and Mexican woodrat

FIRST AID HAVE LABEL WITH YOU WHEN OBTAINING TREATMENT ADVICE	
If Swallowed	• Call a poison control center, doctor, or 1-877-854-2494 immediately for treatment advice. • Have a 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.
If On Skin	• Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15–20 minutes. • Call a poison control center, doctor for treatment advice.
If in Eyes	• Hold eye open and rinse slowly and gently with water for 15–20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center, doctor, or 1-877-854-2494 immediately for treatment advice.

NOTE TO PHYSICIAN
If swallowed, this material may reduce the clotting ability of the blood and cause bleeding. If ingested, administer Vitamin K ₁ intramuscularly or orally. Vitamin K ₁ is antidotal at doses of 10–20 mg (not mg/kg). Repeat as necessary based on monitoring of prothrombin times.

TREATMENT FOR PET POISONING
If animal eats bait, call veterinarian or 1-877-854-2494 at once.
NOTE TO VETERINARIAN
Anticoagulant Brodifacoum: For animals ingesting bait and/or showing poisoning signs (bleeding or elevated prothrombin times), give Vitamin K ₁ at doses of 2–5 mg/kg. If needed, check prothrombin times every 3 days until values return to normal (up to 30 days). In severe cases, blood transfusions may be needed.

DIRECTIONS FOR USE
It is a violation of Federal law to use this product in a manner inconsistent with its labeling. READ THIS LABEL: Read this entire label and follow all use directions and use precautions. Use only for the sites, pests, and application methods described on this label.

IMPORTANT: Do not expose children, pets, or nontarget animals to rodenticides. To help to prevent exposure:
1. Store unused product out of reach of children and pets.
2. Apply bait in locations out of reach of children, pets, domestic animals and nontarget wildlife, or in tamper-resistant bait stations. These stations must be resistant to destruction by dogs and by children under six years of age, and must be used in a manner that prevents such children from reaching into bait compartments and obtaining bait. If bait can be shaken from bait stations when they are lifted, units must be secured or otherwise immobilized. Stronger bait stations are needed in areas open to hoofed livestock, raccoons, bears, or other potentially destructive animals, or in areas prone to vandalism.
3. Dispose of product container and unused, spoiled, or unconsumed bait as specified on this label.

Bait stations are mandatory for outdoor, above-ground use. Tamper-resistant bait stations must be used wherever children, pets, non-target mammals, or birds may have access to the bait placement location.
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USE RESTRICTIONS: This product may only be used to control the following rodent pests in and around man-made structures: House mouse (<i>Mus musculus</i>), Norway rat (<i>Rattus norvegicus</i>), Roof rat (<i>Rattus rattus</i>), Cotton rat* (<i>Sigmodon hispidus</i>), Eastern harvest mouse* (<i>Reithrodontomys humuli</i>), Golden mouse* (<i>Ochrotomys nuttalli</i>), Polynesian rat* (<i>Rattus exulans</i>), Meadow vole* (<i>Microtus pennsylvanicus</i>), White-throated woodrat* (<i>Neotoma albigula</i>), Southern plains woodrat* (<i>Neotoma micropus</i>), and Mexican woodrat* (<i>Neotoma mexicana</i>). This product must be used in and within 100 feet of man-made structures constructed in a manner so as to be vulnerable to commensal rodent invasions and/or to harboring or attracting rodent infestations. Examples of such structures include homes and other permanent or temporary residences, food processing facilities, industrial and commercial buildings, trash receptacles, agricultural and public buildings, transport vehicles (ships, trains, aircraft), docks and port or terminal buildings and related structures around and associated with these sites. Fence and perimeter baiting, beyond 100 feet from a structure as defined above, is prohibited. This product must not be applied directly to food or feed crops.

587FB-8

FINAL® ALL-WEATHER BLOX™ KILLS RATS, MICE & MEADOW VOLES*

Kills Warfarin Resistant Norway Rats And House Mice Mold Resistant • Moisture Resistant Norway rats, roof rats, and house mice may consume a lethal dose in one night's feeding with first dead rodents appearing four or five days after feeding begins. ACTIVE INGREDIENT: Brodifacoum (CAS #56073-10-0): 0.005% OTHER INGREDIENTS†: 99.995% †Contains Denatonium Benzoate TOTAL 100.000%

KEEP OUT OF REACH OF CHILDREN CAUTION See side panels for First Aid and additional precautionary statements.

STORAGE AND DISPOSAL Do not contaminate water, food or feed by storage or disposal. Pesticide Storage: Store only in original container in a cool, dry place inaccessible to children and pets. Keep containers closed and away from other chemicals. Pesticide Disposal: Dispose of wastes resulting from the use of this product in trash or at an approved waste disposal facility. Container Handling: Nonrefillable container. Do not reuse or refill this container. [Plastic:] Offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill; or by incineration. In most states, burning is not allowed.
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WARRANTY: To the extent consistent with applicable law, seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.
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Manufactured by: Bell LABORATORIES, INC. 3699 Kinsman Blvd. Madison, WI 53704 U.S.A. www.belllabs.com MADE IN USA	NET WEIGHT: 18 lbs (8.16 kg) EPA REG. NO.: 12455-89 EPA EST. NO.: 12455-WI-1^K 12455-WI-2^P, 12455-WI-3^W Superscript is first letter of the lot number.
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DIRECTIONS FOR USE (Continued from other panel) Burrow baiting with FINAL® All-Weather Blox™ is prohibited. This product may also be used in alleys and sewers. Do not place near or inside ventilation duct openings. Do not contaminate water, food, feedstuffs, food or feed handling equipment, or milk or meat handling equipment or surfaces that come into direct contact with food. Do not broadcast bait. When used in USDA inspected facilities, this product must be applied in tamper-resistant bait stations. Do not sell this product in individual containers holding less than 16 pounds of bait. SELECTION OF TREATMENT AREAS: Determine areas where rats, mice, or meadow voles* will most likely find and consume the bait. Generally, these areas are along walls, by gnawed openings, in corners and concealed places, between floors and walls, or in locations where rats, mice, or meadow voles*, or their signs have been seen. Protect bait from rain and snow. Remove as much alternative food as possible. APPLICATION DIRECTIONS: RATS: Place 5 to 22 blocks (at intervals of 15 to 30 feet) per placement in infested areas. Maintain an uninterrupted supply of fresh bait for at least 10 days or until signs of rat activity cease. For use in sewers, thread wire through block and securely attach to a stationary structure such as the bottom step of a manhole ladder or a sewer grate. Allow just enough wire for the block to rest on manhole benching. If benching is not present, suspend block a few inches above the high water mark or secure block on a board supported by opposing steps of the ladder. Securing block in this manner will prevent removal by rats or water. Use at least 15 blocks per manhole. Maintain an uninterrupted supply of fresh bait for at least 10 days or until signs of rat activity cease. MICE AND MEADOW VOLES*: Place 1 block per placement. Space placements at 8- to 12-foot intervals in infested areas. Two blocks may be needed at points of very high activity. Maintain an uninterrupted supply of fresh bait for at least 15 days or until signs of mouse or meadow vole* activity cease. FOLLOW-UP: Replace contaminated or spoiled bait immediately. Wearing gloves, collect and dispose of all dead, exposed animals and leftover bait. To prevent reinfestation, limit sources of rodent food, water, and harborage as much as possible. If reinfestation does occur, repeat treatment. Where a continuous source of infestation is present, establish permanent bait stations and replenish as needed. PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals CAUTION: Harmful if swallowed. Causes moderate eye irritation. Keep away from children, domestic animals and pets. Do not get in eyes or on clothing. All handlers (including applicators) must wear shoes plus socks, and gloves. Any person who retrieves carcasses or unused bait following application of this product must wear gloves. User Safety Requirements Follow manufacturer's instruction for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco or using the toilet and change into clean clothing. ENVIRONMENTAL HAZARDS This product is extremely toxic to mammals and birds. Dogs, cats and other predatory and scavenging mammals and birds might be poisoned if they feed upon animals that have eaten this bait. This pesticide is toxic to fish. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff also may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash water or rinseate. *Not permitted for use against the following species in California: Cotton rat, Eastern harvest mouse, Golden mouse, Polynesian rat, Meadow vole, White-throated woodrat, Southern plains woodrat, and Mexican woodrat	012026/08-15 Product Code: FB1018
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ALL-WEATHER
BLOX™



FINAL®
ALL-WEATHER BLOX™

NET WT:
4 lbs (1.8 kg)

KILLS RATS, MICE & MEADOW VOLES*

Kills Warfarin Resistant Norway Rats And House Mice

Mold Resistant • Moisture Resistant

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panels for First Aid and additional precautionary statements.

ACTIVE INGREDIENT:

Brodifacoum (CAS #56073-10-0): 0.005%

OTHER INGREDIENTS†: 99.995%

†Contains Denatonium Benzoate TOTAL 100.000%

*Not permitted for use against the following species in California: Cotton rat, Eastern harvest mouse, Golden mouse, Polynesian rat, Meadow vole, White-throated woodrat, Southern plains woodrat, and Mexican woodrat

FIRST AID	
HAVE LABEL WITH YOU WHEN OBTAINING TREATMENT ADVICE	
If Swallowed	• Call a poison control center, doctor, or 1-877-854-2494 immediately for treatment advice. • Have a 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.
If On Skin	• 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.
If in Eyes	• Hold eye open and rinse slowly and gently with water for 15–20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center, doctor, or 1-877-854-2494 immediately for treatment advice.

NOTE TO PHYSICIAN
If swallowed, this material may reduce the clotting ability of the blood and cause bleeding. If ingested, administer Vitamin K₁ intramuscularly or orally. Vitamin K₁ is antidotal at doses of 10–20 mg (not mg/kg). Repeat as necessary based on monitoring of prothrombin times.

TREATMENT FOR PET POISONING
If animal eats bait, call veterinarian or 1-877-854-2494 at once.

NOTE TO VETERINARIAN
Anticoagulant Brodifacoum: For animals ingesting bait and/or showing poisoning signs (bleeding or elevated prothrombin times), give Vitamin K₁ at doses of 2–5 mg/kg. If needed, check prothrombin times every 3 days until values return to normal (up to 30 days). In severe cases, blood transfusions may be needed.

DIRECTIONS FOR USE
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
READ THIS LABEL: Read this entire label and follow all use directions and use precautions. Use only for the sites, pests, and application methods described on this label.

- IMPORTANT:** Do not expose children, pets, or nontarget animals to rodenticides. To help to prevent exposure:
1. Store unused product out of reach of children and pets.
 2. Apply bait in locations out of reach of children, pets, domestic animals and nontarget wildlife, or in tamper-resistant bait stations. These stations must be resistant to destruction by dogs and by children under six years of age, and must be used in a manner that prevents such children from reaching into bait compartments and obtaining bait. If bait can be shaken from bait stations when they are lifted, units must be secured or otherwise immobilized. Stronger bait stations are needed in areas open to hooved livestock, raccoons, bears, or other potentially destructive animals, or in areas prone to vandalism.
 3. Dispose of product container and unused, spoiled, or unconsumed bait as specified on this label.

Bait stations are mandatory for outdoor, above-ground use. Tamper-resistant bait stations must be used wherever children, pets, non-target mammals, or birds may have access to the bait placement location.

USE RESTRICTIONS: This product may only be used to control the following rodent pests in and around man-made structures: House mouse (*Mus musculus*), Norway rat (*Rattus norvegicus*), Roof rat (*Rattus rattus*), Cotton rat (*Sigmodon hispidus*), Eastern harvest mouse (*Reithrodontomys humuli*), Golden mouse (*Ochrotomys nuttalli*), Polynesian rat (*Rattus exulans*), Meadow vole (*Microtus pennsylvanicus*), White-throated woodrat (*Neotoma albigula*), Southern plains woodrat (*Neotoma micropus*), and Mexican woodrat (*Neotoma mexicana*). This product must be used in and within 100 feet of man-made structures constructed in a manner so as to be vulnerable to commensal rodent invasions and/or to harboring or attracting rodent infestations. Examples of such structures include homes and other permanent or temporary residences, food processing facilities, industrial and commercial buildings, trash receptacles, agricultural and public buildings, transport vehicles (ships, trains, aircraft), docks and port or terminal buildings and related structures around and associated with these sites. Fence and perimeter baiting, beyond 100 feet from a structure as defined above, is prohibited. This product must not be applied directly to food or feed crops.

Burrow baiting with FINAL® All-Weather Blox is prohibited.

FINAL®

ALL-WEATHER BLOX™

KILLS RATS, MICE & MEADOW VOLES*

Kills Warfarin Resistant Norway Rats And House Mice
Mold Resistant • Moisture Resistant

Norway rats, roof rats, and house mice may consume a lethal dose in one night's feeding with first dead rodents appearing four or five days after feeding begins.

ACTIVE INGREDIENT: Brodifacoum (CAS #56073-10-0): . . . 0.005%
OTHER INGREDIENTS†: 99.995%
†Contains Denatonium Benzoate TOTAL 100.000%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See side panels for First Aid and additional precautionary statements.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
Pesticide Storage: Store only in original container in a cool, dry place inaccessible to children and pets. Keep containers closed and away from other chemicals.
Pesticide Disposal: Dispose of wastes resulting from the use of this product in trash or at an approved waste disposal facility.
Container Handling: Nonrefillable container. Do not reuse or refill this container. [Plastic:] Offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill; or by incineration. In most states, burning is not allowed.

WARRANTY: To the extent consistent with applicable law, seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

NET WEIGHT: 4 lbs (1.8 kg)
INDIVIDUAL SALE IS PROHIBITED BY LAW

EPA REG. NO.: 12455-89
EPA EST. NOS. 12455-WI-1K, 12455-WI-2P, 12455-WI-3W
Superscript is first letter of the lot number.

Manufactured by:

Bell
LABORATORIES, INC.
3699 Kinsman Blvd.
Madison, WI 53704 U.S.A.
www.belllabs.com

DIRECTIONS FOR USE (Continued from other panel)

This product may be used in alleys and sewers. Do not place near or inside ventilation duct openings. Do not contaminate water, food, feedstuffs, food or feed handling equipment, or milk or meat handling equipment or surfaces that come into direct contact with food. Do not broadcast bait. When used in USDA inspected facilities, this product must be applied in tamper-resistant bait stations.

Do not sell this product in individual containers holding less than 16 pounds of bait.

SELECTION OF TREATMENT AREAS: Determine areas where rats, mice, or meadow voles* will most likely find and consume the bait. Generally, these areas are along walls, by gnawed openings, in corners and concealed places, between floors and walls, or in locations where rats, mice, or meadow voles*, or their signs have been seen. Protect bait from rain and snow. Remove as much alternative food as possible.

APPLICATION DIRECTIONS:

RATS: Place 5 to 22 blocks (at intervals of 15 to 30 feet) per placement in infested areas. Maintain an uninterrupted supply of fresh bait for at least 10 days or until signs of rat activity cease.

For use in sewers, thread wire through block and securely attach to a stationary structure such as the bottom step of a manhole ladder or a sewer grate. Allow just enough wire for the block to rest on manhole benching. If benching is not present, suspend block a few inches above the high water mark or secure block on a board supported by opposing steps of the ladder. Securing block in this manner will prevent removal by rats or water. Use at least 15 blocks per manhole. Maintain an uninterrupted supply of fresh bait for at least 10 days or until signs of rat activity cease.

MICE AND MEADOW VOLES*: Place 1 block per placement. Space placements at 8- to 12-foot intervals in infested areas. Two blocks may be needed at points of very high activity. Maintain an uninterrupted supply of fresh bait for at least 15 days or until signs of mouse or meadow vole* activity cease.

FOLLOW-UP: Replace contaminated or spoiled bait immediately. Wearing gloves, collect and dispose of all dead, exposed animals and leftover bait. To prevent reinfestation, limit sources of rodent food, water, and harborage as much as possible. If reinfestation does occur, repeat treatment. Where a continuous source of infestation is present, establish permanent bait stations and replenish as needed.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed. Causes moderate eye irritation. Keep away from children, domestic animals and pets. Do not get in eyes or on clothing.

All handlers (including applicators) must wear shoes plus socks, and gloves. Any person who retrieves carcasses or unused bait following application of this product must wear gloves.

User Safety Requirements

Follow manufacturer's instruction for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco or using the toilet and change into clean clothing.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to mammals and birds. Dogs, cats and other predatory and scavenging mammals and birds might be poisoned if they feed upon animals that have eaten this bait. This pesticide is toxic to fish. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff also may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash water or rinsate.

*Not permitted for use against the following species in California: Cotton rat, Eastern harvest mouse, Golden mouse, Polynesian rat, Meadow vole, White-throated woodrat, Southern plains woodrat, and Mexican woodrat

041124/08-15

FIRST AID	
If swallowed:	• 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.
If in eyes:	• Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor immediately for treatment advice.
If on skin or clothing:	• Take off contaminated clothing. • Rinse skin with plenty of water for 15-20 minutes. • Call a poison control center or doctor immediately for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
TREATMENT FOR PET POISONING: If animal eats bait, call veterinarian at once.	
NOTE TO PHYSICIAN OR VETERINARIAN: Contains the anticoagulant difethialone. If swallowed, this material may reduce the clotting ability of blood and cause bleeding. For humans or animals ingesting bait and/or showing obvious poisoning symptoms (bleeding or prolonged prothrombin times), give Vitamin K ₁ intramuscularly or orally. Repeat as necessary based on prothrombin times.	

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Harmful if absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Keep away from children, domestic animals and pets. All handlers (including applicators) must wear long pants, shoes, socks, and waterproof gloves. Any person who retrieves carcasses or unused bait following application of this product must wear waterproof gloves.

User Safety Requirements: Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. Wash the outside of gloves before removing them. As soon as possible, wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco or using the toilet, and change into clean clothing.

ENVIRONMENTAL HAZARDS: This product is extremely toxic to mammals and birds. Dogs, cats and other predatory and scavenging mammals and birds might be poisoned if they feed upon animals that have eaten this bait. Do not apply directly to water, or 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 wash water or rinsate.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. **READ THIS LABEL** and follow all use directions and precautions. Use only for the sites, pests, and application methods described on this label.

IMPORTANT: Do not expose children, pets or other nontarget animals to rodenticides.

To help prevent accidents:

1. Store product not in use in a location out of reach of children and pets.
2. Apply bait in locations out of reach of children, pets, domestic animals, and nontarget wildlife, or in tamper-resistant bait stations. These stations must be resistant to destruction by dogs and children under six years of age, and must be used in a manner that prevents such children from reaching into bait compartments and obtaining bait. If bait can be shaken from stations when they are lifted, units must be secured or otherwise immobilized. Even stronger bait stations are needed in areas open to hoofed livestock, raccoons, bears, other potentially destructive animals, or in areas prone to vandalism.
3. Dispose of product container, unused, spoiled, and unconsumed bait as specified on this label.

Note: Bait stations are mandatory for outdoor, above-ground use. Tamper-resistant bait stations must be used if children, pets, non-target mammals, or birds may access the bait.

EPA Reg. No. 7173-258

EPA Est. No. 7173-WI-1

FIRST STROKE[®] SOFT BAIT

FOR INDOOR AND OUTDOOR USE

**KILLS NORWAY RATS, ROOF RATS, HOUSE MICE
AND WARFARIN-RESISTANT HOUSE MICE**

KILLS RATS, MICE, DEER MICE*, PACK RATS*, AND MEADOW VOLES*

KILLS OTHER RODENT SPECIES AS LISTED ON THIS LABEL

**NORWAY RATS AND HOUSE MICE MAY CONSUME
A LETHAL DOSE IN ONE NIGHT'S FEEDING
WITH FIRST DEAD RODENTS APPEARING
FOUR OR FIVE DAYS AFTER FEEDING BEGINS**

Active Ingredient: difethialone 0.0025%
Other Ingredients 99.9975%
Total 100.0000%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See inner panel for additional precautionary statements.

*Use not permitted in California

This bait is packaged in 0.35 ounce (10 grams) individual pouches

LIPHA[®]TECH

Liphatech, Inc.
3600 W. Elm Street
Milwaukee, WI 53209
800-351-1476

USE RESTRICTIONS: This product can only be used to control Norway rats, roof rats, house mice, Deer mouse* (*Peromyscus maniculatus*), White-footed mouse* (*Peromyscus leucopus*), Cotton mouse* (*Peromyscus gossypinus*), Cotton rat* (*Sigmodon hispidus*), Eastern harvest mouse* (*Reithrodontomys humuli*), Golden mouse* (*Ochrotomys nuttalli*), Polynesian rat* (*Rattus exulans*), Meadow vole* (*Microtus pennsylvanicus*), White-throated woodrat* (*Neotoma albigula*), Southern plains woodrat* (*Neotoma micropus*), Bushy-tailed woodrat* (*Neotoma cinerea*) and Mexican woodrat* (*Neotoma mexicana*) in and within 100 feet of man-made structures constructed in a manner so as to be vulnerable to commensal rodent invasions and/or to harboring or attracting rodent infestations. Examples of such structures include homes and other permanent or temporary residences, food processing facilities, industrial and commercial buildings, trash receptacles, agricultural and public buildings, transport vehicles (ships, trains, aircraft), docks and port or terminal buildings, and related structures around and associated with these sites. Fence and perimeter baiting beyond 100 feet from a structure, as defined above, is prohibited. Do not sell this product in individual containers holding less than 16 pounds of bait. Do not place near or inside ventilation duct openings. Do not contaminate water, food, feed, food or feed handling equipment, or milk or meat handling equipment. Do not apply directly to food or feed crops. Do not broadcast bait. Burrow baiting with this product is prohibited. *Not permitted for use against the following species in California: Deer mouse, White-footed mouse, Cotton mouse, Cotton rat, Eastern harvest mouse, Golden mouse, Polynesian rat, Meadow vole, White-throated woodrat, Southern plains woodrat, Bushy-tailed woodrat and Mexican woodrat.

Selection of Treatment Areas: Determine areas where rats, mice, and/or meadow voles will most likely find and consume bait. Generally, these are along walls, by gnawed openings, in corners and concealed places, between floors or walls, beside burrows, or in locations where signs of rats, mice, and/or meadow voles have been observed. Remove as much alternative food as possible.

APPLICATION DIRECTIONS: Bait may be removed from pouch and placed in a feeding device that secures the unwrapped bait in a bait station. Discard empty wrapper in the trash. Pouches can be secured in a bait station, skewered on a wire and placed between or below floor slats, or on a nail (in locations out of reach of children, pets and nontarget animals).

Each pouch contains 0.35 oz. (10g).

Mice and Meadow Voles*: Apply 1 pouch per placement, usually spaced 8 to 12 feet apart. Up to 4 pouches may be needed at points of very high activity. Maintain a constant supply of fresh bait for 15 days or until signs of activity cease.

Rats: Apply 9 to 43 pouches per placement, usually spaced 15 to 30 feet apart. Maintain a constant supply of fresh bait for 10 days or until signs of rat activity cease.

Follow-up: Replace contaminated or spoiled bait immediately. Wearing waterproof gloves, collect and dispose of all visible dead animals and leftover bait, as well as any bait that has become accessible to non-target animals. To discourage reinfestation, limit sources of rodent food, water and harborage as much as possible. If reinfestation does occur, repeat treatment. For a continuous infestation, set up permanent bait stations and replenish bait as needed. (061020)

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in original container in a cool, dry place inaccessible to children and pets.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of in trash or at an approved waste disposal facility.

Container Handling: Nonrefillable container. Do not reuse or refill this container. Completely empty container, then offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill.

WARRANTY: To the extent consistent with applicable law, seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

Gentrol®

IGR Concentrate

with GENTROL®
Insect Growth Regulator



- CONTROLS COCKROACHES, DRAIN AND FRUIT FLIES, BEDBUGS, AND STORED PRODUCT PEST POPULATIONS
- USE IN FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS
- FOR FOGGING IN FOOD HANDLING ESTABLISHMENTS
- CONTINUOUS PROTECTION FOR 4 MONTHS

ACTIVE INGREDIENTS:

(S)-Hydroprene (CAS #65733-18-8)..... 9%

OTHER INGREDIENTS:..... 91%

TOTAL:..... 100.0%

*Contains petroleum distillates

EPA Reg. No. 2724-351

EPA Est. No. 2724-TX-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

See additional precautionary statements.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling.

FIRST AID

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

If swallowed

- Immediately call a poison control center or doctor. • Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give **any** liquid to the person. Do not give anything by mouth to an unconscious person.

If in eyes

- Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

SPECIMEN LABEL

If on skin or clothing

- Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes.

If inhaled

- 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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-248-7763 for emergency medical treatment information.

Note to Physician: Contains petroleum distillates. Vomiting may cause aspiration pneumonia.

PHYSICAL OR CHEMICAL HAZARDS

Do not use this product in or on electrical portions of equipment due to the possibility of shock hazard.

DIRECTIONS FOR USE

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

GENERAL INFORMATION

GENTROL®, an Insect Growth Regulator (IGR), is a synthetic, juvenile hormone "look-alike" which disrupts the normal growth

development of cockroaches, drain flies, fruit flies, bedbugs, and stored product pests (examples of these pests include Indian meal moths, rice moths, tobacco moths, red flour beetles, confused flour beetles, lesser grain borers, merchant grain beetles, sawtooth grain beetles, warehouse beetles, cigarette beetles, and Dermestid beetles). Cockroaches and bedbugs exposed to the GENTROL® IGR will become adults incapable of reproducing. GENTROL® also disrupts the normal life cycle of stored product pests, drain and fruit flies, and fleas; thus killing these insects during the pupal stage. In both cases, the cycle of an infestation ends. Use ZOECON® GENTROL® IGR Concentrate (GENTROL®) in apartment buildings, bakeries, bottling facilities, breweries, boiler rooms, cafeterias, candy plants, grocery stores, day care centers, hospitals, residential homes, hotel/motels, office buildings, kitchens, laboratories, cereal processing facilities, manufacturing plants, mausoleums, meat and produce canneries, nursing homes, restaurants, schools, locker rooms, stores, taverns, warehouses, as well as various modes of transportation such as aircraft, buses, trucks, trailers, rail cars, and marine vessels.

Use GENTROL® as a general surface spray, fogging, spot, or crack and crevice application.

Prior to using in commercial or residential (household) food areas, please refer to the **Food Handling Establishment Applications** section of the label. The preparations prior to treatment and the clean up after application described therein are also to be followed for residential (household) use.

INSTRUCTIONS FOR USE

Mix GENTROL® with diluent and apply with spray or hand application equipment, such as hand-pressurized or power-operated sprayers capable of delivering general surface spray, fogging (space spray/mist), spot, crack and crevice spray applications, or with a paint brush, roller, or similar device.

DILUTION PREPARATION

FOR SURFACE SPRAY/PAINT BRUSH, SPOT AND CRACK AND CREVICE PREPARATIONS

Use 1 ounce of GENTROL® to 1 gallon of diluent. Partially fill the mixing container with diluent, add the GENTROL®, shake or stir, and fill to final volume. Use diluted solution within 48 hours of mixing. Shake or stir before each use. **For fogging preparation:** follow equipment manufacturer's instructions.

TANK MIXING

GENTROL® may be tank mixed with an adulticide currently registered for use, unless the product label prohibits such use. Use the resulting tank mixture in accordance with the more restrictive label limitations and precautions.

GENERAL SURFACE APPLICATION

Apply the GENTROL® dilution at a rate of 1 gallon per 1500 sq ft of surface area. Use spray/application equipment capable of delivering a variable spray or coating to uniformly apply the solution. Apply to areas such as walls, floors, ceilings, attics, basements, or crawlspaces. **NOTE:** Prior to treating around air ducts, shut off ventilation system. Allow treatment to dry prior to turning on ventilation system.

FOGGING (SPACE SPRAY/MIST) APPLICATION

Apply GENTROL® as a fog or an ultra-low volume (ULV) mist with equipment such as ULV, mechanical misting sprayers, aerosol generators, or thermal foggers to achieve uniform coverage. Follow equipment manufacturer's instructions. Apply at a rate of 1 ounce GENTROL® per 12,000 cu ft. GENTROL® may be tank mixed with adulticides labeled for fogging. Follow the directions of the more restrictive label when tank mixing. Use water or oil as a diluent, depending on the type of equipment used. Fogging applications are best for larger facilities including warehouses (Refer to **Warehouses** section below). Close room or warehouse and shut off all ventilation systems. Apply the product in the air and direct mist toward all areas that may harbor target pests. After treatment, leave the room closed for 30 minutes or longer as recommended by the equipment manufacturer or the labels of other products applied in tank mixing. Do not remain in treated area; ventilate before reentry.

SPOT AND CRACK AND CREVICE APPLICATIONS

Apply GENTROL® diluted spray solution using either a pressurized spray system capable of delivering a pinpoint or variable spray pattern or a device capable of coating evenly. Make crack and crevice applications directly to areas such as crevices, baseboards, floors, ceilings, or walls. Make spot treatments to areas such as storage areas, closets around water pipes, doors, windows, and behind and under appliances/equipment, furniture and beds.

To treat bedbugs, apply to harborage points mentioned above; in addition, under beds, bottom side of box springs (do not treat linens and mattresses), under and behind night stands, to points where carpet and wall meet, cracks in cove base, molding, and other areas where bedbugs harborage. Retreat at 14 days for heavy infestations.

WAREHOUSES (Non-Food)

Apply GENTROL® as a general surface, fogging, spot, or crack and crevice treatment in non-food storage warehouses. Apply to all areas that may harbor pests, including under and between pallets.

FOOD HANDLING ESTABLISHMENT APPLICATIONS

Apply GENTROL® as a general surface, fogging, spot, or crack and crevice treatment in both food and nonfood areas of Food Handling Establishments. These establishments are defined as places other than private residences where exposed food is held, prepared, processed, or served. It also includes areas where food items are received, prepared, packaged, and stored, as well as enclosed food processing system (mills, dairies, etc).

SPOT AND CRACK AND CREVICE APPLICATIONS

Prior to application, remove or cover all food items in area to be treated. Do not apply directly to food or food-handling surfaces.

FOR CONTROL OF DRAIN FLIES, FRUIT FLIES

For control of drain flies, fruit flies: Apply GENTROL® to areas of fly breeding. For drains, apply product into and around the downspout and catch basin area. Coat these areas thoroughly as fly larvae develop in the scum buildup on the sides of drain pipes. Repeat applications at 2 to 4 week intervals depending upon the severity of infestation.

ALTERNATE DIRECTIONS FOR FOAM APPLICATION

Refer to the Dilution Preparation section of this label for appropriate dilution rate for GENTROL®. To convert GENTROL® dilution to a foam, add foaming agent at manufacturer's rate. For best results, use the higher amount of the foaming agent rate range. Follow the requirements of the foam equipment manufacturer.

SURFACE SPRAY APPLICATION (Do not apply directly to food products)

GENERAL AREA TREATMENTS

Prior to application, remove or cover all food items. Also, cover all food contact surfaces (i.e., equipment, benches, shelves - areas where exposed food may be handled, held, prepared, processed, or served). If left uncovered, these areas must be thoroughly cleaned by a method capable of removing chemical residues after treatment.

PARTIAL AREA TREATMENTS

GENTROL® can be applied to partial areas of food handling establishments in cases of small or localized infestations. For partial area treatments, a perimeter of at least 6 feet must be established (6 feet in all directions from the treated area), where all food handling surfaces are either covered at the time of treatment, or thoroughly cleaned by a method effective in removing chemical residues after treatment.

PANTRY/CABINETS, SMALL FOOD STORAGE AREAS

Apply as a surface spray, crack and crevice spray, or spot treatment to pantry and cupboard shelves or other areas where food is stored. Prior to spraying, remove all food containers and foodstuffs. Do not replace food containers or foodstuffs until spray has dried. Do not store food in open containers in treated pantries. Destroy any infested food packages to ensure proper control.

FOGGING (SPACE SPRAY/MIST) APPLICATION

Prior to application, remove or cover all food items. Also, cover all food contact surfaces (i.e.; equipment, benches, shelves - areas where exposed food may be handled, held, prepared, processed, or served). If left uncovered, these areas must be thoroughly cleaned by a method capable of removing chemical residues after treatment.

WAREHOUSES (Food):

Apply GENTROL® as a general surface, fogging, spot, or crack and crevice treatment in warehouses where packaged food items are stored in such a way that direct contact with the foodstuff is not anticipated.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **Storage:** Store in a cool area away from children. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Handling:** Nonrefillable container. Do not reuse or refill empty container. Clean container promptly after emptying. Triple rinse as follows. Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling, if available or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

WARRANTY

Seller makes no warranty, expressed or implied, concerning the use and handling of this product other than indicated on the label. Buyer assumes all risks of use and handling of this material when such use and handling are contrary to label instructions.

For information, call **1-800-248-7763** or visit our

Web site: **www.zoecon.com**

Wellmark International
1501 East Woodfield Road 200W
Schaumburg, Illinois 60173



GENTROL, Zoecon and Zoecon with design are registered trademarks of Wellmark International.

October, 2017
Schaumburg, IL

Gentrol[®] Point Source[®]

Roach Control Device

with GENTROL[®]
Insect Growth Regulator



- AFFECTS ROACHES AND STORED PRODUCT PEST WITHOUT DIRECT CONTACT WITH THE DEVICE
- REDUCES ROACH AND STORED PRODUCT PEST POPULATIONS IN A WAY CONVENTIONAL INSECTICIDES CAN'T
- LABELED FOR USE IN FOOD HANDLING ESTABLISHMENTS

ACTIVE INGREDIENT:

(S)-Hydroprene (CAS #65733-18-8)..... 90.6%

OTHER INGREDIENTS:..... 9.4%

TOTAL:..... 100.0%

EPA Reg. No. 2724-469

EPA Est. No. 2724-TX-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

See additional precautionary statements.

DIRECTIONS FOR USE

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

The active ingredient in this special roach and Stored Products Pests (SPP - red, confused flour, and merchant beetles) control product is GENTROL[®] insect growth regulator - a biorational insecticide similar to insect growth hormones that occur naturally in roaches and SPP. GENTROL[®] is unique in that it controls roach and SPP populations by inhibiting reproduction and adult emergence. One to two weeks after application, you will begin to see roaches with crinkled wings, showing the initial effects of GENTROL[®]. These roaches cannot reproduce. Because immature roaches are prevented from developing into reproductive adults, this product effectively breaks the roach life cycle. GENTROL[®] prevents SPP from becoming adults thus breaking the life cycle. By inhibiting reproduction and adult emergence, GENTROL POINT SOURCE[®] Roach Control Device (GENTROL POINT SOURCE[®]), by itself, will control cockroach and SPP populations over time. For faster results, use GENTROL POINT SOURCE[®] in conjunction with EPA approved products that kill adult roaches and SPP. Roach and SPP populations are difficult to control because they reproduce so rapidly. However, when a conventional insecticide designed to kill adult roaches or SPP does not provide 100% elimination, GENTROL POINT SOURCE[®] works to prevent survivors from reestablishing the population.

SPECIMEN LABEL

Once GENTROL[®] is released, the active ingredient moves from the GENTROL POINT SOURCE[®] device into a localized area. Roaches and SPP do not have to come into contact with the GENTROL POINT SOURCE[®] device to be affected (See Figure A).

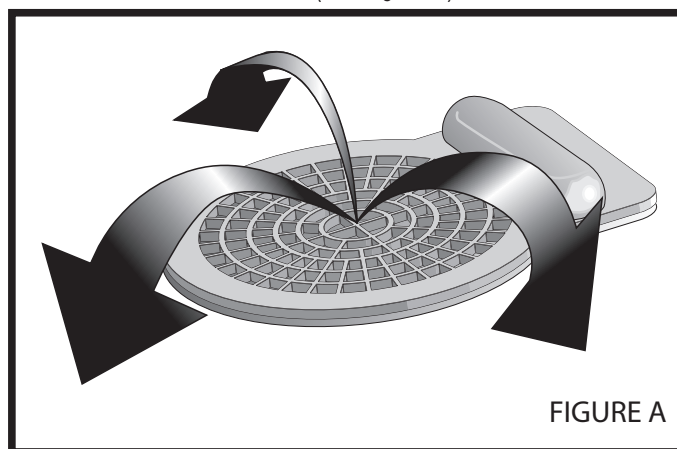


FIGURE A

Use GENTROL POINT SOURCE[®] in buildings and modes of transportation. Permitted sites of application include restaurants, homes, hotels, kitchens, laboratories, apartment buildings, day care centers, machinery, equipment, greenhouses, hospitals, mausoleums, nursing homes, office buildings, schools, and warehouses. GENTROL POINT SOURCE[®] is also intended to be used in various modes of transportation including but not limited to aircraft, buses, trucks, trailers, rail cars, and marine vessels.

FOOD HANDLING ESTABLISHMENTS

GENTROL POINT SOURCE[®] may be used in areas where food is handled or processed. Placements include areas for receiving, storage, packing, edible waste storage, machinery and enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas would also be considered as a food area. GENTROL

POINT SOURCE® device must not come into direct contact with any food preparation surfaces. Keep GENTROL POINT SOURCE® device a minimum distance of 3 feet from exposed food.

GENTROL POINT SOURCE® can also be used where conventional sprays and foggers are not appropriate or where baits are less effective due to competing food sources.

APPLICATION DIRECTIONS

Do not activate the GENTROL POINT SOURCE® device until ready to use. To activate the GENTROL POINT SOURCE® device, press firmly between thumb and forefinger on the pouch located on the side of the device, until a snapping sound is heard indicating that the contents of the GENTROL® capsule have been released (See Figure B). Following activation, the GENTROL POINT SOURCE® device is now ready to apply. Place the GENTROL POINT SOURCE® device in any orientation (vertical or horizontal). Do not place in areas accessible to children.

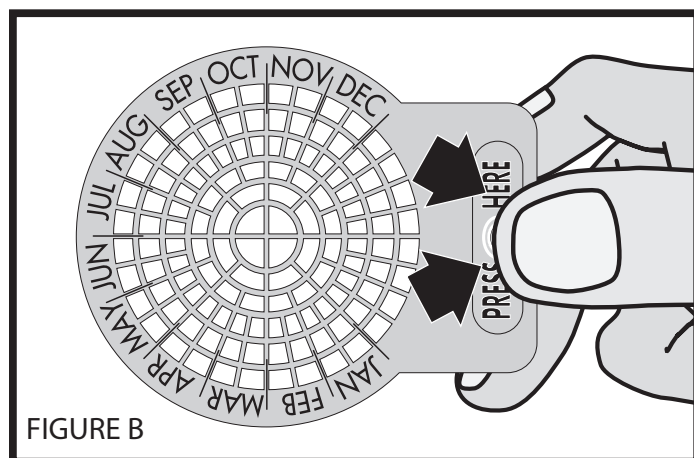


FIGURE B
Press firmly between thumb and forefinger on the pouch located on the side of the device, until a snapping sound is heard, indicating that the contents of the GENTROL® capsule have been released.

Place the GENTROL POINT SOURCE® device in areas where roach or SPP activity has been observed. These areas include: in and around cabinets, closets, pantries, drawers, refuse areas, electrical boxes, equipment, and false ceilings. Also, place around doors, expansion joints, pipe chases, dressers, windows, heating and air conditioning ducts, refrigerators, and voids where pests are active.

Place one GENTROL POINT SOURCE® device to treat up to a 75 square foot area, paying particular attention to locations of roach or SPP activity. More devices may be needed in areas with a heavy roach or SPP infestation.

IMPORTANT! For vertical placement, expose sticky surface by removing paper backing and pressing the device firmly in place. In order for the GENTROL POINT SOURCE® device to adhere properly, wipe surface clean prior to application. Use as many tape strips as needed. Replace all devices every 3 months for continued effectiveness (See Figure C).

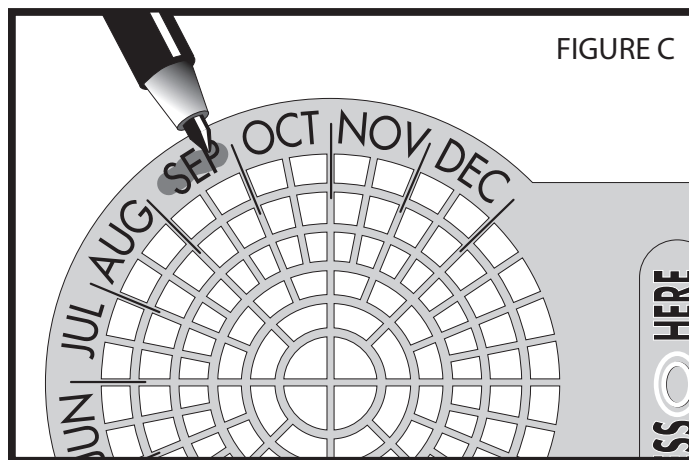


FIGURE C
Mark with a pen the month when the GENTROL POINT SOURCE® is activated.

STORAGE AND DISPOSAL

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

STORAGE: Store in a cool area away from children.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by incineration or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

FIRST AID

If in eyes • Hold eye open and rinse slowly and gently with water for 15-20 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.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-248-7763 for emergency medical treatment information.

For information or in case of an emergency, call **1-800-248-7763** or visit our Web site: **www.zoecon.com**.

To the extent consistent with applicable law, Seller makes no warranty, expressed or implied, concerning the use and handling of this product other than indicated on the label. To the extent consistent with applicable law, Buyer assumes all risks of use and handling of this material when such use and handling are contrary to label instructions.

Wellmark International
1501 East Woodfield Road 200W
Schaumburg, Illinois 60173



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October, 2017
Schaumburg, IL

USE IT TO

KILL ANTS & COCKROACHES

AND CREATE A SUSTAINABLE TREATMENT PROGRAM.

Ants, cockroaches, crickets, silverfish, slugs and snails all consume Niban bait. Non-target species, such as birds, mammals, amphibians and reptiles, don't.

The active ingredient in Niban disrupts the metabolic process in the target pests' guts, giving you the control you need. This metabolic disruption is specific to insects and gastropods. On top of that, Niban has no known resistance to target pests.

Niban helps create a sustainable treatment program - and *that* helps you build a sustainable business.



For sale in California

NIBAN®

ACTIVE INGREDIENT:
5% ORTHOBORIC ACID

Remember, always read, understand and comply with the label. Niban, Comfort Grip, Nisus and Nisus Corporation are trademarks or registered trademarks of Nisus Corporation.
©2020 Nisus Corporation #NI-SS-0220

APPLICATION:

Scatter granular bait around perimeter of structures and near heavy infestations or entry points. Inside, use Niban in wall voids and under cabinets & appliances.

TARGET PESTS:



ANTS



COCKROACHES



CRICKETS



SILVERFISH



CREATING A WORLD
OF SUSTAINABILITY.



100 NISUS DRIVE • ROCKFORD, TN 37853
800.264.0870 • WWW.NISUSCORP.COM



FOR SALE ONLY IN CALIFORNIA

A Weather/Moisture Resistant Bait to Kill and Control Ants (Except Fire Ants), Carpenter Ants, Cockroaches, Crickets, Mole Crickets, Earwigs, Silverfish, Snails and Slugs

ACTIVE INGREDIENT:

Orthoboric Acid..... 5.0%

OTHER INGREDIENTS 95.0%

TOTAL..... 100.0%

EPA Reg. No. 64405-2

EPA Est. 64405-TN-1

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FOR BOTH INTERIOR AND EXTERIOR USE

For use in and around the following structures: Above-ground Transformers, Aircraft, Apartment Buildings, Boats, Buses, Ornamental Gardens, Factories, Federally-Inspected (USDA) Meat and Poultry Plants, Food Handling Establishments, Food Processing Plants, Garages, Grocery Stores, Homes, Hospitals, Hotels, Industrial Plants, In-ground Utility Boxes, Interiorscapes, Kennels, Lath Houses, Libraries, Markets, Military Bases, Mobile Homes, Motels, New Construction, Nursing Homes, Offices, Ornamental Home Greenhouses, Other Structures, Pedestal Boxes, Pet Stores, Public and Private Institutions, Recreational Vehicles, Restaurants, Schools, Sewers, Ships, Stores, Supermarkets, Theaters, Trains, Trucks, Utilities, Vending Machines, Warehouses, Yachts, Zoos.

First Aid

**If In
Eyes:**

- Hold eye open and rinse slowly and gently with water 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.

**If On
Skin:**

- Take off contaminated clothing.
- Immediately rinse with plenty of water for 15 – 20 minutes.
- Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

CAUTION: Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and handlers must wear: Long-sleeved shirt and long pants; water-proof gloves; and shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables are given, use detergent and hot water.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside; then thoroughly wash and put on clean clothing.
- Immediately remove PPE after handling this product. Wash the outside of gloves before removing. As soon as possible, thoroughly wash and change into clean clothing.

ENVIRONMENTAL HAZARDS

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 or rinsate.

DIRECTIONS FOR USE

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

General Information

This product is a ready-to-use, weather/moisture resistant bait that controls and kills ants (except fire ants), cockroaches, crickets, earwigs, silverfish, snails and slugs specifically: **Ants:** Argentine, carpenter, thief, pharaoh, little black, pavement, odorous house and crazy ants. **Cockroaches:** Asian, American, brown, brownbanded, smokybrown, German and oriental cockroaches. **Crickets:** Camel, house, field and mole crickets. **Snails and Slugs.** **European Earwigs.**

Do not contaminate this product with other pesticides. If this product becomes -contaminated with another pesticide it will lose its effectiveness. Do not apply directly to food and avoid contamination of feed and foodstuff. In commercial food handling facilities, cover or remove any food during application. In food handling and other areas, bait may be placed in removable bait stations. Always record the number and location of bait stations. This product is designed to be used as a residual treatment in an -Integrated Pest -Management program incorporating good sanitation practices. Keep children and pets out of treatment area until application has been completed. Do not treat pets with this product. Avoid over-application around ornamental plants and fish ponds. Do not apply this product in combination with fertilizers, other pesticides or other -biologically-active materials.

Application Instructions

Exterior Baiting to Control and Kill Snails and Slugs in Flower Gardens and Around Ornamentals, Ground-covers and Shrubs: At the beginning of the spring planting season (before damage occurs), broadcast 6 ounces per 100 square feet in areas likely to be infested with snails and slugs. It is best to apply the bait during early morning or evening when slugs and snails are present and eating. Reapply every four weeks for satisfactory control.

To Control and Kill Snails and Slugs in Ornamental Home Greenhouses and Lath Houses: Evenly distribute granules on and under benches at the rate of 6 ounces per 100 Square Feet. Do Not Place In Flats Or Pots.

To Control and Kill Snails and Slugs in Interiorscapes or Ornamental Gardens: Evenly apply bait to soil at a rate of 6 ounces per 100 square feet no more than once every 4 to 6 weeks.

Exterior Baiting to Control and Kill Ants (Except Fire Ants), Including Carpenter Ants, Around Apartment Buildings, Food Processing Plants, Garages, Homes, Hospitals, Hotels, Kennels, Motels, Pet Stores, Public & Private Institutions, Recreational Vehicles, Restaurants, Schools, Supermarkets, Warehouses and Other Structures: Treat exterior perimeter areas of structure in a band 2 to 4 feet wide at a rate of 6 ounces per 100 square feet. Also apply product in a 2- to 4-foot band around all trees, stumps, firewood piles and other locations where carpenter ants may nest. If the nest is located in a hollow tree or stump, apply 1/2 to 1 ounce of product directly into the cavity. Apply along ant trails and in areas where ant activity has been noted.

To Control and Kill Ants (Except Fire Ants), Cockroaches, Crickets, Earwigs and Silverfish Within and Around the Exterior of Structures Such as Apartment Buildings, Food Processing Plants (Non-Food Areas), Garages, Homes, Hospitals, Hotels, Kennels, Motels, Pet Stores, Public & Private Institutions, Recreational Vehicles, Restaurants (Non-Food Areas), Schools, Sewers, Stores, Supermarkets and Warehouses: Apply at a rate of 4 pounds per 1000 square feet (6 ounces or 1-1/4 cups per 100 square feet) of surface area. Spread evenly in crawl spaces, attics, drop

ceilings and cellars with dirt or gravel floors. Concentrate application in areas where insect activity is most prevalent. In attics, be sure to apply in eaves and access drains. In warehouses, garages and basements, concentrate application along walls and baseboards. This product may also be applied in inaccessible areas such as cracks and crevices where insects may hide. Any bait visible after application must be brushed into cracks and crevices or removed. Apply in pits of elevator, dumbwaiter and trash chute shafts. Apply under and behind pallets and boxes in storerooms. Bait may also be placed in removable bait stations in areas accessible to insects but inaccessible to children and pets. Always record the location and number of bait stations. Regularly inspect bait stations and replace bait as needed. In sewers, apply along ledges and around manhole entrances. Treat exterior perimeter building walls in a band approximately 2 feet wide and scatter bait in flower beds, leaf litter, wood piles, trash cans and refuse areas. Reapply as necessary.

For Treating New Construction: Apply in wall voids and other areas where insects may hide.

For Perimeter Treatments: Spread bait at a rate of 6 ounces or 1-1/4 cups per 100 square feet in a band at least 2 feet wide around foundations, patios, driveways, sidewalks, entrances to homes and buildings, or other areas where insects are -present. Apply around landscape lighting, floodlights, street lamps or other exterior fixtures and scatter bait in flower beds, leaf litter, wood piles, trash cans and refuse areas. Reapply as necessary.

For Treating Ant Mounds: Apply 1/2 to 1 ounce of this product around all ant mounds. Supplement by broadcast application in immediate area and along ant trails and in areas where ant activity has been noted.

To Control and Kill Ants (Except Fire Ants), Cockroaches, Crickets, Earwigs and Silverfish in: Aircraft, Apartment Buildings, Boats, Buses, Factories, Food Handling Establishments, Food Processing Plants, Garages, Grocery Stores, Homes, Hospitals, Hotels, Industrial Plants, Kennels, Libraries, Markets, Military Bases, Mobile Homes, Motels, New Construction, Nursing Homes, Offices, Pet Stores, Private & Public Institutions, Recreational Vehicles, Restaurants, Schools, Sewers, Ships, Supermarkets, Theaters, Trains, Trucks, Utilities, Warehouses, Yachts and Zoos: Food area application limited to only crack and crevice treatment. Apply only in areas inaccessible to children and pets. Avoid contamination of feed and foodstuffs. Apply by scattering/dusting under and behind refrigerator, cooler, stove, sink, dishwasher, washing machine and dryer tubs; counters; into openings around drains, water pipes and electrical conduits; and in cracks and crevices along baseboards and corners of cabinets, counter tops, cupboards and closets. Remove all lower drawers in kitchen and bathroom cabinets, bedroom dressers and chests of drawers, then scatter/dust in drawer wells. Bait may also be applied into and around areas of insect

infestation of **above-ground transformers, in-ground utility boxes, pedestal boxes and vending machines.** Any bait visible after application must be brushed into cracks and crevices or removed. Reapply as necessary. Bait may also be placed in removable bait stations in areas accessible to insects but inaccessible to children and pets. Always record the location and number of bait stations. Regularly inspect bait stations and replace bait as needed.

Crack and Crevice Applications in Aircraft, Apartment Buildings, Boats, Buses, Factories, Food Handling Establishments, Food Processing Plants, Garages, Grocery Stores, Homes, Hospitals, Hotels, Industrial Plants, Kennels, Libraries, Markets, Military Bases, Mobile Homes, Motels, New Construction, Nursing Homes, Offices, Pet Stores, Private & Public Institutions, Recreational Vehicles, Restaurants, Schools, Sewers, Ships, Supermarkets, Theaters, Trains, Trucks, Utilities, Warehouses, Yachts and Zoos: Crack and crevice applications may be made using most types of dust applicators. A bellows type duster works best. Insert stem into gaps, cracks and crevices and apply 2 to 6 puffs per lineal foot, depending upon the severity of the infestation. Any bait visible after application must be brushed into cracks and crevices or removed. Drill small holes to gain access into wall voids and under cabinets.

Application Sites and Directions:

1. Apply under and behind appliances in kitchens, bathrooms and utility rooms -(remove kick plates if possible).
2. Kitchen and bathroom cabinets and vanities often have a space between the floor and the bottom drawer or cabinet. If a gap exists along the top of the kickplate, dust this product into the void area. If no gaps are present, drill a small hole every two feet along the kickplate, drilling at least one hole under each cabinet, and apply this product through the holes.
3. Apply in voids around plumbing pipes behind water heaters and under sinks in kitchens, bathrooms, showers and utility rooms. Pull back escutcheon plates around pipes to allow access to the void.
4. Remove electrical wall socket and switch covers and dust product around boxes and into voids. Do not apply product directly into electrical switch and outlet boxes.
5. Cracks or spaces between the wall and doorframes, cabinets, counter tops, molding or baseboards provide excellent hiding places for roaches and ants. Dust a small amount of this product into these areas wherever possible.
6. Apply under and behind vending machines. If access can be gained to the interior of the machine, apply around the interior base, being careful not to contaminate any foodstuffs.

To Control and Kill Cockroaches, Crickets, Ants, Earwigs and Silverfish in Federally-Inspected (Usda) Meat and Poultry Plants: For application only in inedible product areas and non-processing areas as a crack and crevice treatment. Apply to cracks and crevices in areas such as around baseboards and in closets; beneath

cabinets and appliances, in and around waste containers and into openings around drains, water pipes and electrical conduits. Any bait visible after application must be brushed into cracks and crevices or removed. Avoid contamination of feed and foodstuffs. Bait stations may be used. Always record the number and location of bait stations. Regularly inspect bait stations and replace bait as needed. This product is best used as a supplemental residual treatment preceded by approved spray and good sanitation practices.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in a dry place. Do not store where children or animals may gain access. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Disposal:** Non-refillable container; do not reuse or refill this container. Completely empty container into application equipment, then offer for recycling, if available; otherwise dispose of empty container in a sanitary landfill or by incineration.

WARRANTY DISCLAIMER

To the extent not prohibited by applicable law, Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. To the extent not prohibited by applicable law, **MANUFACTURER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

Inherent Risks of Use

The directions for use are believed to be adequate and must be carefully followed. It is impossible to eliminate all risks associated with use of this product. Lack of performance or other unintended consequences may result because of such factors as use of the product contrary to label instructions, abnormal conditions, the presence of other materials, climatic conditions or the manner of application, all of which are beyond the control of the Manufacturer. To the extent not prohibited by applicable law, the buyer/user assumes all such risks.

Limitation of Remedies

To the extent not prohibited by applicable law the exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability or other legal theories) shall be limited to, at Manufacturer's election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

To the extent not prohibited by applicable law: a) Manufacturer shall not be liable for losses or damages resulting from handling or use of this product unless

Manufacturer is promptly notified of such loss or damage in writing; and b) **TO THE EXTENT NOT PROHIBITED BY APPLICABLE LAW, IN NO CASE SHALL MANUFACTURER BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES OR LOSSES, INCLUDING WITHOUT LIMIT, HEALTH RELATED DAMAGES OR INJURIES.**

The terms of this **Warranty Disclaimer** and **Limitation of Remedies** cannot be varied by any written or verbal

statements or agreements. No employee or sales agent of Manufacturer or the seller is authorized to vary or exceed the terms of this **Warranty Disclaimer** or **Limitation of Remedies** in any manner.

It is not intended that this product be used to practice any patent not owned by Nisus Corporation, whether mentioned or not, without procurement of a license (if necessary) from the owner following investigation by the user.

SPECIMEN LABEL



100 Nisus Drive • Rockford, TN 37853 • 800-264-0870

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SAFETY DATA SHEET



Health Emergencies: INFOTRAC® (800) 535-5053

1. PRODUCT AND COMPANY INFORMATION

Product Identity: Niban® Granular Bait

Recommended use of the chemical and restrictions on use: A weather/moisture resistant bait to kill and control ants (except fire ants), carpenter ants, cockroaches, crickets, mole crickets, earwigs, silverfish, snails, and slugs. Read and understand the entire label before using. Use only according to label directions. It is a violation of Federal law to use this product in a manner inconsistent to label directions.

Manufacturer: Nisus Corporation
100 Nisus Drive
Rockford, TN 37853

Telephone: Phone: (800) 264-0870
Fax: (865) 577-5825

Emergency Phone: 800-535-5053 (INFOTRAC)

SDS Date of Preparation: 1/12/16

2. HAZARDS IDENTIFICATION

GHS Classification:

Physical	Health	Environment
Not Hazardous	Acute Toxicity Oral Category 4 Specific Target Organ Toxicity – Repeat Exposure Category 2	Aquatic Acute Toxicity Category 3

GHS Label Elements:

None Required

Statements of Hazard

None Required

Precautionary Statements

None Required

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Amount
Boric Acid	10043-35-3	5%
Non-Hazardous Ingredient	Proprietary	95%

The exact formulation is being withheld as a trade secret.

4. FIRST AID MEASURES

Eye: Flush victim's eyes with large quantities of water, while holding the eyelids apart. Get medical attention if irritation develops or persists.

Skin: Wash skin thoroughly with soap and water. Get medical attention if irritation develops. Remove and launder clothing before re-use.

Ingestion: Do not induce vomiting unless directed to do so by a medical professional. Get medical attention for large ingestions or if symptoms develop or if you feel unwell.

Inhalation: Remove victim to fresh air. If breathing is difficult or irritation persists, get medical attention.

Most important Symptoms: May cause eye and skin irritation. Inhalation of mists may cause mild mucous membrane and respiratory irritation. Harmful if swallowed. Repeated ingestion may cause kidney damage.

Indication of immediate medical attention/special treatment: Immediate medical attention is required for large ingestions.

5. FIRE FIGHTING MEASURES

Suitable (and Unsuitable) Extinguishing Media: Use media appropriate for surrounding fire.

Specific hazards arising from the chemical: Fine particles may present an explosion hazard if suspended in air. Burning may produce carbon monoxide and carbon dioxide.

Special Protective Equipment and Precautions for Fire-Fighting Instructions: Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing. Contain runoff.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures: Wear appropriate protective clothing as described in Section 8. Do not apply directly to water or contaminate water.

Methods and Materials for Containment and Cleaning Up: Collect and place in appropriate containers for disposal. Avoid generating dust. Clean spill area thoroughly. Prevent spill from entering sewers and watercourses. Report releases as required by local, state and federal authorities.

7. HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with the eyes, skin and clothing. Avoid breathing dusts. Wear protective clothing and equipment as described in Section 8. Wash thoroughly with soap and water after handling. Remove contaminated clothing immediately and wash before reuse. Remove PPE immediately after handling. Wash thoroughly after using and change into clean clothing. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. Keep containers closed when not in use. Refer product label for additional information on use and handling.

Nonrefillable container. Do not reuse containers. Product residues in empty containers can be hazardous. Follow all SDS precautions when handling empty containers.

Conditions for Safe Storage, Including Any Incompatibilities:

Store in a dry area away from incompatible materials. Do not store where children or animals may gain access.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines:

Boric Acid	2 mg/m ³ TWA ACGIH TLV (inhalable) 6 mg/m ³ STEL ACGIH TLV (inhalable)
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Engineering Controls: Use with adequate ventilation to maintain exposure levels below the occupational exposure limits. Refer product label for additional information.

Respiratory Protection: In operations where exposure levels are exceeded, a NIOSH approved respirator with dust/mist cartridges appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with OSHA 1910.134 and good industrial hygiene practice. Refer to the product label for additional information.

Skin Protection: Use gloves for normal application of this product.

Eye Protection: Wear safety glasses to prevent eye contact.

Other: Wear long-sleeve shirts, long pants, socks and shoes when using this product. Suitable washing facilities should be available in the work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance And Odor: Brown, granular particles with no odor.

Physical State: Granular particles **Odor Threshold:** Not established

Vapor Density: Not determined

Initial Boiling Point/Range: Not determined

Solubility In Water: Not soluble

Relative Density: 0.62 of water

Melting/Freezing Point: N/A

Percent Volatile: Minimal

Solubility: Not soluble

Viscosity: N/A

Flammability (solid, gas): Fine dust may form explosive mixtures in air

Flashpoint: >451°F (233°C) TOC **Autoignition Temperature:** None

Flammable Limits: LEL: Not determined UEL: N/A

Vapor Pressure: Negligible

Evaporation Rate: N/A

pH: N/A

Octanol/Water Coefficient: N/A

Decomposition Temperature: N/A

10. STABILITY AND REACTIVITY

Reactivity: Not normally reactive

Chemical Stability: Stable under normal storage and handling conditions.

Possibility of Hazardous Reactions: None known.

Conditions to Avoid: Avoid generating fine dust.

Incompatible Materials: None known

Hazardous Decomposition Products: When heated to decomposition emits carbon monoxide and carbon dioxide.

11. TOXICOLOGICAL INFORMATION

HEALTH HAZARDS:

Ingestion: May be harmful if large quantities are ingested.

Inhalation: Inhalation of dust may cause irritation of the nose, throat and upper respiratory tract.

Eye: May cause slight irritation.

Skin: Not expected to cause irritation.

Chronic: Borates have been shown to have some chronic toxicity in animals fed high doses, but this has not been found in humans.

Sensitization: This material is not expected to cause sensitization.

Carcinogenicity: None of the components is listed as a carcinogen or suspected carcinogen by IARC, NTP or OSHA.

Germ Cell Mutagenicity: No data available

Reproductive Toxicity: Borates have been found to have some reproductive toxicity in animals, but this has not been found in humans.

Numerical Measures of Toxicity:

Product Toxicity Data:

Oral rat LD₅₀: >5000 mg/kg; Dermal rabbit LC₅₀: >5050 mg/kg

12. ECOLOGICAL INFORMATION

This product breaks down naturally in the environment to provide organic matter and boron micro nutrients. Boron occurs naturally in sea water at an average concentration of 5 mg B/l and fresh water at 1 mg B/l or less. In dilute aqueous solutions the predominant boron species present is undissociated boric acid.

Ecotoxicity:

EC₁₀ Green Algae: 24 mg B/l; LC₅₀ *Daphnia magna*: 530 mg B/l/96 hr; LC₅₀ Dab: 74 mg B/l/48hr; LC₅₀ Rainbow Trout: 88 mg B/l/24hr; LC₅₀ Goldfish: 71 mg B/l/72hr

Persistence and Degradability: Boron is naturally occurring and ubiquitous in the environment. Niban decomposes in the environment to natural borate.

Bioaccumulative Potential: Not determined.

Mobility in Soil: Boric acid is soluble in water and is leachable through normal soil.

Other Adverse Effects: Some plants are sensitive to boron. This product is designed to be used for certain types of insects. Use product only as directed on the label. See product label for full instructions and restrictions on use.

13. DISPOSAL CONSIDERATION

Dispose in accordance with local, state and federal environmental regulations. 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 or rinsate. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Non-refillable container: do not reuse or refill this container. Completely empty container into application equipment, then offer for recycling, if available; otherwise dispose of empty container in a sanitary landfill or by incineration. For guidance contact your state water board or regional office of the EPA.

14. TRANSPORTATION INFORMATION

DOT Hazardous Materials Description: Not Regulated

Sea Transport IMDG, not classified as dangerous

Air Transport IATA/ICAO, not classified as dangerous

15. REGULATORY INFORMATION

This chemical is a pesticide product registered by the United States Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide chemicals. The hazard information required on the pesticide label is reproduced below. The pesticide label also includes other important information, including directions for use.

FIFRA Labeling:

Niban Granular Bait

EPA Reg. No. 64405-2

Keep Out of Reach of Children

CAUTION

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

Caution: Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing.

CERCLA: This product is not subject to reporting under CERCLA. Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

SARA Hazard Category (311/312): Not hazardous

SARA 313: This product contains the following chemicals subject to Annual Release Reporting Requirements Under SARA Title III, Section 313 (40 CFR 372):

None

EPA TSCA Inventory: This product is regulated under FIFRA, thus exempt.

16. OTHER INFORMATION

NFPA Rating:

Health = 0 Flammability = 0 Instability = 0

HMIS Rating:

Health = 1 Flammability = 0 Physical Hazard = 0

SDS Revision History: 01/07/14: New SDS

01/12/16: Revised

WARRANTY DISCLAIMER

The information, data and recommendations contained herein are believed to be accurate but may not be all inclusive and should only be used as a guide. The information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the product for his particular use and on condition that they assume the risk of the use thereof. With respect to this publication and the product related thereto, unless otherwise expressly provided by Manufacturer in writing, **MANUFACTURER MAKES NO EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.**

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1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used.

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No employee or sales agent of Manufacturer or the seller is authorized to vary or exceed the terms of this **Warranty Disclaimer** or **Limitation of Remedies** in any manner.



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C O R P O R A T I O N

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syngenta.

For indoor and outdoor control of structure-invading ants: excluding fire, harvester and Pharaoh ants.

FOR USE IN COMMERCIAL, INDUSTRIAL AND RESIDENTIAL AREAS

Use sites include residential areas and institutional, warehousing and commercial establishments (including warehouses, restaurants, food processing plants, supermarkets, hospitals, nursing homes, motels, hotels, schools, apartments, aircraft, buses, boats/ships, trains).

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Wash hands thoroughly with soap and water after handling bait cartridges (syringes).

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

HOT LINE NUMBER

For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident),
Call
1-800-888-8372

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and 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.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is

Active Ingredient:

Thiamethoxam (CAS No. 153719-23-4) 0.010%

Other Ingredients: 99.990%

Total: 100.000%

KEEP OUT OF REACH OF CHILDREN. CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See additional precautionary statements and directions for use in leaflet.

EPA Reg. No. 100-1260

EPA Est. 071681-IL-001^{ABF} EPA Est. 54450-IL-001^{ABW}

(Superscript is first three letters of batch code on container)

**SCP 1260A-L1C 0910
4026045**

reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risk referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions, or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and (2) Buyer and User assume the risk of any such use. TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA 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 SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

DIRECTIONS FOR USE

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

Read entire label before using this product.

Do not treat areas that are easily accessible to children and pets.

continued on back...

USE INFORMATION

Optigard Ant Gel Bait is designed for the control of ants: excluding fire, harvester and Pharaoh ants. Attractiveness of the bait to ants is enhanced by its high moisture retention properties and the bait will remain attractive for at least two weeks following bait deployment. This bait takes advantage of ant trophallaxis (regurgitation) allowing for transfer of active ingredient throughout the colony. Ants that feed on the gel will return to their nest and transfer the bait to the queen and their young, thereby killing the queen, the young and the entire colony. Dead ants should begin to appear within days after ants have begun feeding on the bait. Substantial reduction in ants foraging should be seen within a few days to a week.

For effective management of certain ant species such as Argentine ant, reduction of food sources (such as honeydew-producing insects like aphids) near entry points around the structure is critical. Long term control is most effectively obtained with a combination of methods for ant management.

APPLICATION PROCEDURES

Bait Application

Apply using the syringe applicator or a bait injector. Apply bait in cracks, crevices, corners and out-of-the-way places, such as under and behind kitchen appliances and baseboards, under sinks, around window and door frames, pipes and water heater and in the attic, crawl space and garage. Place multiple application spots of gel where ants are observed actively foraging or entering the structure. If the area to be treated has been recently treated with insecticide, thoroughly clean the area before applying this bait. Do not spray insecticide over gel as this may cause the bait to become repellent. Do not apply to areas that are routinely washed (such as countertops) as bait may be removed or diluted and spread onto the surface.

Indoor Use

Visually inspect for the presence of ants and place this product in areas where ants are seen. Optimal locations for bait placement are the active points of entry and areas with potential high moisture including: wall voids, cracks and crevices in kitchens and bathrooms, under sinks, window sills and door frames, screen vents, attics, crawl spaces and garages. In areas of excessive foraging activity, place bait in several locations near the point of entry. Do not place bait in areas that are routinely washed, as washing will remove or dilute bait. Do not treat food preparation surfaces. During follow-up visits inspect placements and reapply as needed.

Outdoor Use

Place bait on, into or adjacent to structures where ants are observed, adjacent to ant trails and to areas suspected of ant activity. Optimal locations for bait placement are points of entry into the structure and areas with potential periods of high moisture such as: soffits, eaves, weep holes, and where pipes and wires enter the structure. Exposure to direct sunlight, extreme heat or cold and water may reduce length of bait effectiveness. Bait may also be placed outdoors into refillable tamper-resistant bait stations. Close tamper-resistant stations securely after application. During follow-up visits inspect placements and reapply as needed.

Food/Feed-Handling Establishments Use

Food/feed areas include areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing foods, edible waste storage, and enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas are also considered a food/feed area when food is exposed and facility is in operation.

Application within food/feed areas of food/feed-handling establishments is limited to crack-and-crevice treatment only. If bait contacts an exposed surface where food is handled, remove bait and wash exposed surface with an effective cleaning compound followed by a potable water rinse prior to use. Apply directly into cracks and crevices with syringe applicator or bait injector. Place applicator tip into cracks, crevices, holes and other small openings where ants may travel and apply small amounts of bait per spot. Apply up to 1 gram of gel per spot. Apply bait between different elements of construction, between equipment and floors, openings into voids and hollow spaces in equipment bases and legs, walls, floors and ceilings, around plumbing pipes, doors and windows, cabinets, sinks, closets, stoves and other equipment. Specifically target places where ants may enter the structure. During follow-up visits inspect placements and reapply as needed.

Do not apply bait to areas where food/feed utensils or processing surfaces may become contaminated.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in original container in a cool, dry area, out of the reach of children and pets.

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

Container Handling: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Place empty bait cartridges in trash. If partially filled, wrap in newspaper and discard in trash or call your local solid waste authority for disposal instructions.

Optigard®, the ALLIANCE FRAME  the SYNGENTA Logo and the PURPOSE ICON  are Trademarks of a Syngenta Group Company

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For non-emergency
(e.g., current product information) call
Syngenta Crop Protection at 1-800-334-9481.

Manufactured for:
Syngenta Crop Protection, LLC
P. O. Box 18300
Greensboro, North Carolina 27419-8300

Phantom®

Termiticide-Insecticide

For sale to, use and storage only by individuals/firms licensed or registered by the state to apply termiticide and/or general pest control products.

Active Ingredient:

Chlorfenapyr*: 4-bromo-2-(4-chlorophenyl)-1-(ethoxymethyl)

5-(trifluoromethyl)-1*H*-pyrrole-3-carbonitrile 21.45%

Other Ingredients: 78.55%

Total: 100.00%

* Contains 2.0 pounds of active ingredient per gallon of formulated product (0.125 pound of active ingredient per 8 fluid ounces of formulated product).

EPA Reg. No. 241-392

EPA Est. No.

**KEEP OUT OF REACH OF CHILDREN
CAUTION/PRECAUCION**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand this label, find someone to explain it to you in detail.)

See full label for complete **First Aid, Precautionary Statements, Directions For Use**
and **Conditions of Sale and Warranty**, and/or state-specific use site restrictions.

For Product Use Information, Call 1-877-837-6436

**In case of an emergency endangering life or property involving this product,
call day or night 1-800-832-HELP (4357).**

Net Contents:

FIRST AID	
If swallowed	• 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.
If on skin or clothing	• 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.
If inhaled	• Move person 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 treatment advice.
If in eyes	• 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.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For additional information on this product (including health concerns, medical emergencies or pesticide incidents), you may call 1-800-832-HELP (4357), twenty-four (24) hours per day, seven (7) days per week.	

Precautionary Statements

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if swallowed, inhaled or absorbed through the skin. Causes moderate eye irritation. **DO NOT** get in eyes, on skin, or on clothing. Avoid breathing vapors or spray mist. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash clothing before reuse.

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are listed below.

All pesticide handlers (mixers, loaders and applicators) must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride (PVC) ≥ 14 mils or Viton ≥ 14 mils; and
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with the product's concentrate. **DO NOT** reuse them.

In addition, all termiticide handlers must wear a dust/mist filtering respirator (MSHA/NIOSH Approved Number Prefix TC-21C) or a NIOSH approved respirator with any N, R, P or HE filter, when working in a non-ventilated space, including but not limited to crawl-spaces and basements;

all termiticide handlers must wear protective eyewear when working in a non-ventilated space when applying termiticide by rodding or sub-slab injection.

User Safety Recommendations

Users should:

- Remove contaminated clothing. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

This pesticide is toxic to aquatic organisms, birds and wildlife. **DO NOT** apply directly to water or to areas where surface water is present or intertidal areas below the mean high-water mark. **DO NOT** contaminate water by cleaning of equipment or when disposing of equipment washwaters or rinsate.

For Outdoor Use

To protect the environment, **DO NOT** allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area.

Physical or Chemical Hazards

DO NOT apply this product around electrical equipment due to the possibility of shock hazard.

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal.

Pesticide Storage: Keep this product in its tightly closed original container when not in use. **DO NOT** store below 32° F. **DO NOT** store in direct sunlight or heat. Store in a cool, dry (preferably locked) area that is inaccessible to children and animals.

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

Container Handling:

Nonrefillable Container. DO NOT reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying; then offer for recycling, if available, or reconditioning, if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

Triple rinse containers small enough to shake (capacity ≤ 5 gallons) as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Triple rinse containers too large to shake (capacity > 5 gallons) as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank, or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Steps to take if material is released into the environment or spilled:

- In case of spills, avoid contact and isolate area. To confine spills, dike surrounding area or absorb with sand, cat litter, commercial clay, gel or similar absorbents.
- Remove contaminated clothing, and wash affected skin areas with soap and water. Wash clothing before reuse.
- Keep the spill out of all sewers and open bodies of water.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling. This label must be in the possession of the user at the time of pesticide application.

For sale to, use and storage only by individuals/firms licensed or registered by the state to apply termiticide and/or general pest control products. States may have more restrictive requirements regarding qualifications of persons using this product. Consult the structural pest control regulatory agency of your state prior to use of this product.

USE DIRECTIONS FOR TERMITE CONTROL

USE RESTRICTIONS

- **Phantom® termiticide-insecticide** cannot be used to formulate or reformulate any other pesticide product.
- **DO NOT APPLY AT A LOWER DOSAGE AND/OR CONCENTRATION THAN SPECIFIED ON THIS LABEL FOR APPLICATIONS PRIOR TO INSTALLATION OF THE FINISHED GRADE.**
- **DO NOT** treat soil that is water-saturated or frozen.
- **DO NOT** treat when raining.
- **DO NOT** allow treatment to runoff from the target area.
- **DO NOT** apply within 10 feet of storm drains. **DO NOT** apply within 25 feet of aquatic habitats (such as, but not limited to, lakes; reservoirs; rivers; permanent streams; marshes or ponds; estuaries; and commercial fish farm ponds).
- **DO NOT** make on-grade applications when sustained wind speeds are above 10 mph (at application site) at nozzle end height.

In Case of Spill

In case of large-scale spill of this product, call:

- CHEMTREC 1-800-424-9300
- BASF 1-800-832-HELP (4357)

USE RESTRICTIONS AND PRECAUTIONS FOR TERMITICIDE APPLICATIONS

When treating adjacent to an existing structure, the applicator must check the area to be treated, and immediately adjacent areas of the structure for visible and accessible cracks and holes to prevent any leaks or significant exposures to persons occupying the structure. People present or residing in the structure during application must be advised to remove their pets and themselves from the structure if the applicator or residents see any signs of leakage. After application, the applicator is required to check for leaks. All leaks resulting in the deposition of termiticide in locations other than those prescribed on this label must be cleaned up prior to leaving the application site. **DO NOT** allow people or pets to contact contaminated areas or to reoccupy contaminated areas of the structure until the clean up is completed.

All holes drilled in concrete slabs in commonly occupied areas into which termiticide has been applied must be plugged. Plugs must be of a non-cellulose material or covered by an impervious, non-cellulose material.

DO NOT make treatment beneath slabs or similar floorings until the locations of heat or air conditioning ductwork, vents, water and sewer lines, and electrical lines/conduits are known and identified. Use extreme caution to avoid puncturing and contaminating these utilities.

When treating crawl spaces or plenum-type structures, turn off any air circulation system that moves air from the area to be treated to an untreated interior space of the structure until application has been completed and all **Phantom® termiticide-insecticide** has been absorbed by the soil.

DO NOT contaminate wells or cisterns. Consult the appropriate section of this label as well as state/local specifications for recommended distances of wells from treated area, or if such regulations do not exist, refer to Federal Housing Administration (H.U.D.) Specifications for guidance.

Use anti-backflow or air gap equipment with filling hoses. **DO NOT** contaminate public or private water supplies. Consult state, federal, or local authorities for information regarding the approved treatment practices for areas in close proximity to potable water supplies.

DO NOT treat within a distance of one foot out from the drip line of edible plants.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE, USE RESTRICTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR PEST CONTROL.

PRODUCT INFORMATION

To maximize the termite potency of **Phantom**, it should be applied in a manner to provide a continuous treated zone to prevent termites from attacking the wood to be protected.

Phantom is effective on *Reticulitermes* spp. (*R. flavipes*, *R. virginicus*, *R. hageni*, *R. tibialis*, *R. Hesperus*), *Coptotermes* spp. (*C. formosanus*), and *Heterotermes* spp. (*H. aureus*).

The objective of soil treatments with **Phantom** is to establish a treated zone (horizontal and/or vertical as needed) between the wood and other cellulose material in the structure and the termite population(s) in the soil for the purpose of protecting the structure from termite infestation and/or for controlling existing termite populations. Treatment standards for subterranean termite control may vary due to state/local regulations, treatment procedures, soil types, construction practices and other factors. Follow all federal, state, and local regulations and treatment standards for protection of a structure from subterranean termites. Observe industry good management practices.

Where aerial infestations or above-ground nests are detected within the structure, supplemental treatments to control termites in the structure (see **Above Ground Termite Infestations** section of this label), and/or structural repairs to deprive the termites of a moisture source may be needed.

For advice concerning current control practices, consult resources in structural pest control, state cooperative extension or regulatory agencies.

MIXING DIRECTIONS

Dilution Table:

Desired Dilution Concentration*	Amount of Phantom to make 100 gallons of finished dilution		Amount of Phantom to make 1 gallon of finished dilution	
0.25%	150 fl ozs (1.2 gal)	4.4 L	1.5 fl ozs	44 ml
0.125%	75 fl ozs	2.2 L	0.75 fl oz	22 ml
* Percentage weight of active ingredient to weight of spray dilution				

For Mixing Small Volumes of Finished Dilution

For termite control operations requiring smaller volumes, use 1.5 fl ozs of **Phantom** per gallon of water to achieve a 0.25% concentration; use 0.75 fl oz of **Phantom** per gallon of water to achieve a 0.125% concentration. Mix the termiticide use dilution in the following manner:

1. Fill hand-pressurized or power-operated application equipment with 1/2 to 3/4 of the required amount of water. Filling hose must be equipped with an anti-backflow device or water flow must include an air gap to protect against back siphoning.
2. Measure the required amount of **Phantom® termiticide-insecticide**.
3. Add **Phantom** to the sprayer and fill with the remainder of the water.
4. Close sprayer and agitate to insure proper suspension.
5. Re-agitate sprayer before use if spraying is interrupted.

For Mixing Large Volumes of Finished Dilution

For dilution quantities greater than one gallon, the amount of **Phantom** to add may be determined by multiplying the quantity of **Phantom** specified for a particular dilution rate for a one-gallon dilution by the total dilution size. For example to make a 50-gallon dilution of a 0.125% dilution, multiply 50 x 0.75 fl oz = 37.5 fl ozs. Then mix 37.5 fl ozs of **Phantom** to enough water to make a total 50 gallon dilution. For termite control operations requiring 100 gallons of finished dilution, prepare a 0.25% dilution by mixing 1.2 gallons of **Phantom** with 98.8 gallons of water; or prepare a 0.125% dilution by mixing 75 fluid ounces (fl ozs) of **Phantom** with 99.4 gallons of water. Mix the termiticide use dilution in the following manner:

1. Fill the tank with water until it is 1/4 to 1/3 full. Filling hose must be equipped with an anti-backflow device or water flow must include an air gap to protect against back siphoning.
2. Start pump to begin by-pass agitation and place end of treating tool in tank to allow circulation through hose.
3. Add the appropriate amount of **Phantom** (see **Dilution Table** above).
4. Add remaining amount of water to the tank.
5. Let pump run and allow recirculation through the hose for 2 or 3 minutes.

Application Volume

To provide maximum control of and protection against termite infestations, apply the specified volume of **Phantom** dilution and active ingredient as set forth in the directions for use. If soil will not accept the labeled application volume, the volume may be reduced provided there is a corresponding increase in concentration so that the amount of active ingredient applied to the soil remains the same. **Note:** Large reductions of application volume reduce the ability to obtain a continuous treated zone. Variance is allowed when volume and concentration are consistent with label directed rates and a continuous treated zone can still be achieved. At reduced application volume; it may be necessary for the applicator to space rod and/or drill holes closer than 12 inches apart to create a continuous treated zone. **DO NOT** treat soil that is water saturated or frozen or in any conditions where run-off or movement from the treatment area (site) is likely to occur. **DO NOT** make outdoor treatments while precipitation is occurring that could result in run-off from the treated area.

In-line Injection

For proper use of **Phantom** with in-line injection equipment refer to the use instructions for the injection equipment. Apply the specified volume of **Phantom** dilution and active ingredient as set forth in the **Directions for Use** on this label.

PRE-CONSTRUCTION TREATMENT

DO NOT APPLY AT A LOWER DOSAGE AND/OR CONCENTRATION THAN SPECIFIED ON THIS LABEL FOR APPLICATIONS PRIOR TO INSTALLATION OF THE FINISHED GRADE.

Prior to each application, applicators must notify the general contractor, construction superintendent, or similar responsible party, of the intended **Phantom** application and intended sites of application and instruct the responsible person to notify construction workers and other on site individuals to leave the treatment area and not return until **Phantom** has been absorbed into the soil.

Directions for Pre-Construction Treatment:

Pre-construction treatments are defined to include treatments made during all phases of construction up to and including installation of the final grade.

The treatment site must be covered prior to a rain event in order to prevent run-off of the pesticide into non-target areas.

The applicator must either cover the soil him/herself or provide written notification of the above requirement to the contractor on site and to the person commissioning the application (if different than the contractor). If notice is provided to the contractor or the person commissioning the application, then they are responsible under FIFRA to ensure that: 1) if the concrete slab cannot be poured over the treated soil within 24 hours of application the treated soil is covered with a waterproof covering (such as polyethylene sheeting), and 2) the treated soil is covered if precipitation is predicted to occur before the concrete slab is scheduled to be poured.

Concrete Slab-on-Ground:

Horizontal Treated Zones

Apply a 0.25% dilution of **Phantom** to the entire surface of soil or substrate to be covered beneath the concrete slab. This includes the slab under the actual living area, plus carports, porches, basement floors, and any extended entrances. Make this treatment at the rate of 1 gallon finished dilution per 10 square feet. Make these applications using a coarse spray nozzle and low-pressure spray (less than 25 p.s.i.), spraying the dilution evenly and uniformly over the entire area treated.

Vertical Treated Zones

Prior to pouring the concrete slab, apply a 0.25% **Phantom** dilution along the inside of foundation walls of floating and supported slabs and around plumbing, bath traps, utility services, and other features that will penetrate the slab. Apply 4 gallons of finished dilution per 10 linear feet per foot of depth.

During or soon after completion of the final grading, apply a 0.25% dilution of **Phantom® termiticide-insecticide** along the outside foundation perimeter at the rate of 4 gallons finished dilution per 10 linear feet, per foot of depth, or if the footing is more than 4 feet below grade, to a minimum depth of 4 feet below grade.

Apply vertical treatments by trenching or trenching and rodding using low pressure spray equipment (less than 25 p.s.i. at the nozzle).

- Rod holes and trenches must not extend below the bottom of the footing.
- Rod holes must be spaced so as to achieve a continuous treated zone but in no case more than 12 inches apart.
- Trenches must be a minimum of 6 inches deep or to the bottom of the footing, whichever is less, and need not be wider than 6 inches. When trenching in sloping (tiered) soil, the trench must be stepped to ensure adequate distribution and to prevent termiticide from running off. The finished dilution should be mixed with soil as it is replaced in the trench.

Crawl Spaces:

For the interior areas of crawl spaces, apply a vertical treatment of a 0.25% dilution of **Phantom** along the inside foundation perimeter and around all piers and pipes. Apply 4 gallons of finished dilution per 10 linear feet per foot of depth.

During or soon after completion of the final grading, apply a 0.25% dilution of **Phantom** along the outside foundation perimeter at the rate of 4 gallons finished dilution per 10 linear feet, per foot of depth, or if the footing is more than 4 feet below grade, to a minimum depth of 4 feet below grade.

Apply by trenching or trenching and rodding using low pressure spray equipment (less than 25 p.s.i. at the nozzle).

- Rod holes and trenches must not extend below the bottom of the footing.
- Rod holes must be spaced so as to achieve a continuous treated zone but in no case more than 12 inches apart.
- Trenches must be a minimum of 6 inches deep or to the bottom of the footing, whichever is less, and need not be wider than 6 inches. When trenching in sloping (tiered) soil, the trench must be stepped to ensure adequate distribution and to prevent termiticide from running off. The finished dilution should be mixed with soil as it is replaced in the trench.

When treating foundations deeper than 4 feet, apply the termiticide as the backfill is being replaced, or if the construction contractor fails to notify the applicator to permit this, treat the foundation to a minimum depth of 4 feet after the backfill has been installed. The applicator must trench and rod into the trench or trench along the foundation walls and around pillars and other foundation elements, at the rate prescribed from grade to a minimum depth of 4 feet. When the top of the footing is exposed, the

applicator must treat the soil adjacent to the footing to a depth not to exceed the bottom of the footing. However, in no case should a structure be treated below the footing.

Hollow Block Foundation or Voids:

Hollow block foundations or voids in masonry resting atop the footing may be treated in order to create a continuous treatment zone in the area to be treated. Applicators may drill and treat into voids of masonry elements if not openly accessible. Apply at the rate of 2 gallons of finished dilution per 10 linear feet using a nozzle pressure of 25 p.s.i. or less. When using this treatment, access holes may be drilled below the sill plate and should be as close as possible to the footing as is practical. Treatment of voids in block or rubble foundation walls must be closely examined: Applicators must inspect areas of possible runoff as a precaution against application leakage in the treated areas. Some areas may not be treatable or may require mechanical alteration prior to treatment.

All leaks resulting in the deposition of **Phantom** in locations other than those prescribed on this label must be cleaned up prior to leaving the application site. **DO NOT** allow people or pets to contact contaminated areas or to reoccupy the contaminated areas of the structure until the clean up is completed.

Not for use in voids insulated with rigid foam.

POST-CONSTRUCTION SOIL TREATMENT

For applications made after the final grade is installed for the purpose of protecting the structure from termite infestation and/or for controlling existing termite populations.

Directions for Post-Construction Soil Treatments:

USE RESTRICTION: DO NOT make treatment beneath slabs or similar floorings until the locations of heat or air conditioning ductwork, vents, water and sewer lines, and electrical lines/conduits are known and identified. Use extreme caution to avoid puncturing and contaminating these utilities.

The applicator must trench and rod into the trench or trench along the foundation and around pillars and other foundation elements, at a rate prescribed from grade to the top of the footing. When footing is more than four (4) feet below grade, the applicator must trench and rod into the trench or trench along the foundation walls at the rate prescribed to a minimum depth of four (4) feet. When the top of the footing is exposed, the applicator must treat the soil adjacent to the footing to a depth not to exceed the bottom of the footing; dig a trench alongside the footing taking care not to undermine the footing. However, in no case should a structure be treated below the footing. When soil type and/or conditions make trenching prohibitive, rodding alone may be used with rod holes no more than 12 inches apart.

Exterior concrete structures adjoining the foundation, such as patios, porches and sidewalks, may be drilled followed by treatment by sub-slab injection of the **Phantom** dilution in order to complete the exterior perimeter treatment zone along the foundation wall.

NOTE: Read and follow the mixing and use directions section of the label if situations are encountered where the soil will not accept the full application volume.

Accessible Crawl Spaces:

BEFORE TREATMENT: Turn off any air circulation system that moves air from area to be treated to an untreated interior space of the structure until application has been completed and all **Phantom® termiticide-insecticide** has been absorbed by the soil.

For crawl spaces, apply vertical termiticide treatments at the rate of 4 gallons of dilution per 10 linear feet per foot of depth from grade to the top of the footing, or if the footing is more than 4 feet below grade, to a minimum depth of 4 feet. Apply by trenching and rodding into the trench, or trenching. Treat both sides of the foundation and around all piers and pipes.

When the top of the footing is exposed, the applicator must treat the soil adjacent to the footing to a depth not to exceed the bottom of the footing. Read and follow mixing and use directions on this label if situations are encountered where the soil will not accept the full application volume.

1. Rod holes and trenches must not extend below the bottom of the footing.
2. Rod holes must be spaced so as to achieve a continuous treated zone, but in no case more than 12 inches apart.
3. Trenches must be a minimum of 6 inches deep or to the bottom of the footing, whichever is less, and need not be wider than 6 inches. When trenching in sloping (tiered) soil, the trench must be stepped to ensure adequate distribution and to prevent dilution from running off. The **Phantom** dilution must be mixed with the soil as it is replaced in the trench.
4. When unsupported termite tubes are present, mechanically destroy each tube and make a horizontal treatment by applying approximately 1 gallon of dilution per square foot, treating an area of no more than 18 inches in diameter where the tubes emerge from the soil.

Inaccessible Crawl Spaces:

BEFORE TREATMENT: Turn off any air circulation system that moves air from the area to be treated to an untreated interior space of the structure until application has been completed and all **Phantom** has been absorbed by the soil.

For inaccessible interior areas, such as areas where clearance between floor joists and ground surfaces is insufficient to allow operator access, excavate, if possible, and treat according to the instructions for **Accessible Crawl Spaces** (above). Otherwise, apply one, or a combination of the following two methods.

1. To establish a horizontal treated zone, apply dilution to the soil surface at a rate of 1 gallon of dilution per 10 square feet using low pressure (less than 25 p.s.i. at the treating tool when valve is open) and a coarse application nozzle (e.g. Delavan Type RD **Raindrop™ spray nozzle**, RD-7 or larger, or Spraying Systems Co.

8010LP **TeeJet® spray nozzle** or comparable nozzle). For an area that cannot be reached with the application wand, use one or more extension rods to make the application to the soil. **DO NOT** broadcast or power spray with higher pressures.

2. To establish a horizontal treated zone, drill through the foundation wall or through the floor above and treat the soil perimeter at a rate of 1 gallon of dilution per 10 square feet. Drill spacing must be at intervals not to exceed 16 inches; many states have smaller intervals so check state regulations which may apply.

Slab-on-Ground (Including Monolithic, Floating and Supported Concrete Slabs):

EXTERIOR PERIMETER - Apply by trenching and rodding into the trench or trenching around the foundation at the rate of 4 gallons finished dilution per 10 linear feet per foot of depth, or if the footing is more than 4 feet below grade, to a minimum depth of 4 feet. Trenches must be a minimum of 6 inches deep or to the bottom of the footing and need not be wider than 6 inches. The finished dilution should be mixed with the soil as it is replaced in the trench. Rod holes must be spaced so as to achieve a continuous treated zone but in no case more than 12 inches. However, in no case should the structure be treated below the footing.

SUB-SLAB INJECTION - Sub-slab injection treatments can be made from inside the structure or by drilling through the foundation from the outside as directed below. Prior to making any treatments, locate all heating/air conditioning ducts, vents, water/sewer lines, and electrical lines/conduit.

- **Vertical Drilling/Injection** - To treat under the slab, drill vertically through the slab along the interior perimeter of the foundation, including the garage. Drill holes along all concrete expansion joints, cracks, plumbing, and utility services penetrating the slab. It may be necessary to drill holes along one side of the slab adjacent to an interior partition wall if there is clear evidence of termite activity or damage in the wall. All drill holes through the slab should be spaced so as to achieve a continuous treated zone, but in no case be more than 12 inches apart. Inject **Phantom** finished dilution into the drilled holes at the rate of 4 gallons per 10 linear feet per foot of depth. For best results, application should be made with a lateral dispersal nozzle. All holes in commonly occupied areas into which material has been applied must be plugged. Plugs must be of a non-cellulose material or covered by an impervious, non-cellulose material.

A horizontal treated zone can also be established beneath the slab using the above technique as a grid pattern injection. Otherwise, use the methods described below.

- **Horizontal Drilling/Rodding/Sub-slab Injection From the Exterior of the Foundation** - This technique should be used to treat underneath the slab only when floors or interior design do not allow for vertical drilling. Care must be exercised not to rod into heating ducts, water/sewer lines, and electrical lines/conduits. Horizontal short-rodding practices can be used to establish a

continuous treated zone along the inside perimeter of the foundation. Holes should be drilled from outside the foundation at an angle which allows a finished dilution of **Phantom® termiticide-insecticide** to be deposited below heating ducts, water/sewer lines, and electrical conduits, if present. Horizontal long rodding practices may only be employed to treat areas underneath the slab that are not accessible by vertical rodding or horizontal short rodding. Long rods exceeding 20 feet should not be used. For all horizontal rodding applications, all drill holes through the foundation should be spaced so as to achieve a continuous treated zone but in no case be more than 12 inches apart. Inject dilution containing **Phantom** into the drilled holes at the rate of 4 gallons per 10 linear feet per foot of depth. For best results, make applications with a lateral dispersal nozzle. All holes must be plugged. Plugs must be of a non-cellulose material or covered by an impervious, non-cellulose material.

Bath Traps: Treat exposed soil or soil covered with tar or a similar type sealant beneath and around plumbing and/or drain pipe entry areas. Apply **Phantom** finished dilution at a minimum of 1 gallon but no more than 4 gallons of dilution per square foot. An access door or inspection portal should be installed, if not already present. After inspection and removal of any wood or cellulose debris, the soil can be treated by rodding or drenching the soil with a 0.125% or 0.25% dilution of **Phantom**.

Buildings on Soil: In treating areas under wooden floors or other materials, with the exception of concrete or masonry, laying directly on or in close proximity to the soil (such as gymnasium floors, finished family rooms or similar areas converted to living areas where joists are placed on the ground and flooring placed on top), the floor should be drilled on a squared-grid pattern, 12 to 18 inches on center, and the dilution containing **Phantom** then applied over the soil surface at the rate of 1 gallon dilution per 10 square feet to provide a uniform treated zone. Where there is exposed soil beneath and around plumbing/waste pipe entrances, thoroughly treat using 1 gallon of dilution per 10 square feet to provide a uniform treated zone.

Basements - Outside Perimeter: Along the outside of the exterior walls, apply 4 gallons of dilution per 10 linear feet per foot of depth from grade to the top of the footing, or if the footing is more than 4 feet below grade, to a minimum depth of 4 feet. Apply by trenching and rodding into the trench, or trenching. Trenches must be at least 6 inches wide and at least 6 inches deep. When rodding through a trench, apply dilution to the soil with the application rod at 12 inch or less intervals. Use low pressure spray to treat soil as it is replaced into the trench. When trenching in sloping (tiered) soil, the trench must be stepped to ensure adequate distribution and to prevent the dilution from running out of the trench.

Basements - Inside Perimeter: If a well or cistern is present, refer to Wells/Cisterns section of this label. To treat under the basement floor slab, drill vertically through the slab along the interior perimeter of the foundation. Drill

holes along all concrete expansion joints, cracks, plumbing, and utility services penetrating the slab. Drill holes along both sides of partition foundation walls, and around piers. It may be necessary to drill holes along one side of the slab adjacent to a non-foundation interior partition wall if there is clear evidence of termite activity in the wall. All drill holes through the slab should be spaced so as to achieve a continuous treated zone but in no case be more than 12 inches apart. Inject finished dilution containing **Phantom** into the drilled holes at the rate of 4 gallons per 10 linear feet per foot of depth. For best results, application should be made with a lateral, dispersal nozzle. All holes in commonly occupied areas into which material has been applied must be plugged. Plugs must be of a non-cellulose material or covered by an impervious, non-cellulose material.

Hollow Block Foundation or Voids: Hollow block foundations or voids in masonry resting atop the footing may be treated. Drill and treat voids in multiple masonry elements of the structure extending from the structure to the soil in order to create a continuous treatment zone in the area to be treated. Applicators may drill and treat into voids of masonry elements if not openly accessible. Apply at the rate of 2 gallons of finished dilution per 10 linear feet of footing using a nozzle pressure of 25 p.s.i. or less. When using this treatment, access holes may be drilled below the sill plate and should be as close as possible to the footing as practical. Treatment of voids or block or rubble foundation walls must be closely examined. Applicators must inspect areas of possible runoff as a precaution against application leakage in the treated areas. Some areas may not be treatable or may require mechanical alteration prior to treatment.

All leaks resulting in the deposition of dilution containing **Phantom** in locations other than those prescribed on this label must be cleaned up prior to leaving the application site. **DO NOT** allow people or pets to contact contaminated areas or to reoccupy the contaminated areas of the structure until the clean up is completed.

Not for use in voids insulated with rigid foam.

FOAM APPLICATIONS

When treating voids with soil below, at least 75% of the gallons of the finished dilution containing **Phantom** should be applied as a typical liquid treatment to the soil. The remaining 25% or less gallons may be delivered to appropriate locations using a foam application. The total amount of product applied with the combination of foam and liquid finished dilution should be equivalent to that of the application of liquid finished dilution only.

Foam applications are generally a good supplement to liquid treatments in difficult areas, but may also be used in difficult to access spot or partial treatments. Construction practices, soil subsidence and other factors may make it difficult to create a continuous treatment zone. When necessary, conventional treatments may be supplemented through the use of foam-generating equipment or similar devices to provide a continuous treated zone. Application examples may include; treatment behind veneers, piers,

chimney bases, into rubble foundations, into block voids, structural voids, wall voids, under slabs, stoops, porches, or to the soil in inaccessible crawl spaces and other similar voids.

Foam applications to wall voids and stud walls that do not have a soil base should utilize dry foam only (15:1 to 50:1 expansion ratio).

Foam applications to voids above soil should be done with a wet foam (10:1 expansion ratio or less).

Foam Application Use Directions: Mix appropriate concentration of **Phantom® termiticide-insecticide** in water and add the manufacturer's recommended quantity of foam agent to the **Phantom** dilution (see table for foaming recommendations). It is highly recommended that applicators use a non-repellent foaming agent with **Phantom**. Apply a sufficient volume of **Phantom** in foam alone or in combination with liquid dilution to provide a continuous treated zone at the recommended rate for specific application sites.

Mixing Table for Phantom Foam

Phantom Use Dilution	Gallons of Finished Dilution	Foam Expansion Ratio*	Finished Foam (gallons)
0.125% or 0.25%	0.25 (32 fl ozs)	10:1	2.5
0.125% or 0.25%	1.0	25:1	25
	1.25	20:1	
	1.66	15:1	
	2.5	10:1	
	5.0	5:1	

* Add the manufacturer's recommended quantity of foam agent to the **Phantom** dilution. It is highly recommended that applicators use a non-repellent foaming agent with **Phantom**. Amount of finished dilution can be increased or decreased to allow for a different amount of finished foam at the selected expansion ratio.

Plenums:

BEFORE TREATMENT: Turn off any air circulation system that moves air from the space to be treated to an untreated interior space of the structure until application has been completed and all of the dilution containing **Phantom** has been absorbed by the soil.

For plenum-type structures, apply the dilution at the rate of 4 gallons of dilution per 10 linear feet, per foot of depth of soil to provide a uniform treated zone adjacent to both sides of foundation walls, supporting piers, plumbing and conduits. Create a vertical treated zone by trenching and rodding into the trench or by trenching around the foundation; trench must be about 6 inches wide and at least 6 inches deep. Use a low pressure spray to treat soil which will be replaced into the trench after rodding; mix dilution with the soil as it is being replaced into the trench.

When conditions will not permit trenching or rodding, a surface application adjacent to interior foundation walls may be made, but the treated zone shall not exceed a width of 18 inches, horizontally, from the foundation walls, piers, or pipes. The surface application should be made at

a rate of 1 gallon of dilution per 10 square feet as a very coarse spray under low pressure (not to exceed 25 p.s.i. when measured at the treating tool when valve is on).

Follow the instructions below for interior treatment of plenum structures that use a sealed under-floor space to circulate heat and/or cooled air throughout the structure.

1. Remove the sealing fabric and anything on the sealing fabric to expose no more than 18 inches adjacent to all foundation structures, including foundation walls, interior piers, pipes, and any other structures with soil contact. Follow the instructions listed above for exterior and interior treatment of "**Accessible Crawl Spaces**".
2. After the finished dilution containing **Phantom** has been absorbed by the soil, replace the sealing fabric and anything to be placed on the sealing fabric to its original, pre-treatment position.

TREATMENT OF STRUCTURES WITH WELLS OR CISTERNS:

USE RESTRICTIONS:

- **DO NOT** contaminate wells or cisterns.
- **DO NOT** apply **Phantom** dilution within 5 feet of any well or cistern.

Structures with Wells/Cisterns Inside Foundations:

Soil within 5 to 10 feet from a well or cistern must only be treated by the backfill method. Treatment of soil adjacent to water pipes within 3 feet of grade must only be done by the backfill method. Infested and/or damaged wood should be replaced or repaired.

Treated Backfill Method: Where treatment must be made in difficult situations, such as near wells, cisterns, along fieldstone or rubble walls, and around pipes and utility lines which lead to a well or pond, applications may be made in the following manner:

1. Trench and remove soil to be treated onto heavy plastic sheeting, similar material or into a wheel barrow.
2. Treat the soil at the rate of 4 gallons of dilution per 10 linear feet per foot of depth of the trench, or 1 gallon per 1 cubic foot of soil. Mix the dilution thoroughly into the soil, taking care to prevent runoff or spillage.
3. After the treated soil has absorbed the dilution, replace the soil in the trench. Prior to using this technique near wells or cisterns, consult federal, state, county, or local agencies, including the state Wellhead Protection Program, for information regarding approved treatment practices in your area.

Structures with Adjacent Wells/Cisterns and/or Other Bodies of Water:

Applicators must inspect all structures with nearby water sources such as wells, cisterns, surface ponds, streams, and other bodies of water and evaluate, at a minimum, the treatment recommendations listed below prior to making an application.

1. Treatment of soil adjacent to the water pipe(s) should be done according to the backfill method. Prior to treatment, if feasible, expose the water pipe(s) coming from the well to the structure, if the pipe(s) enter the structure within 3 feet of grade.

2. Prior to treatment, applicators are advised to take pre-cautions to limit risk of applying termiticide into sub-surface drains that could empty into any bodies of water. These precautions include evaluating whether application of the termiticide to the top of the footer may result in contamination of the subsurface drain. Factors such as depth to the drain system and soil type and degree of compaction should be taken into account in determining the depth of treatment.
3. When appropriate (i.e. on the side of the structure closest to the water), the treated backfill method (described above) can be used to further minimize off-site movement of termiticide.
4. **DO NOT** apply to drainage systems such as sumps, French drains, leach beds, or other effluent discharge systems.

Retreatments: Subsequent to the initial treatment, retreatments for subterranean termites can only be performed if there is clear evidence of reinfestation, or disruption of the treated zone due to construction, excavation, landscaping, and/or evidence of the breakdown of the termiticide treated zone in the soil. Those vulnerable or reinfested areas may be retreated in accordance with application techniques described in this product's labeling. Retreatments may be made as either a spot, partial or complete treatment(s). The timing and type of these retreatments will vary, depending on factors such as termite pressure, soil types, soil conditions and other factors which may reduce the effectiveness of the treated zone. Annual retreatment of the structure is prohibited unless there is clear evidence of reinfestation or if disruption has occurred.

Above-Ground Termite Infestations: Phantom® termiticide-insecticide can also provide localized control of southeastern drywood termite (*Incisitermes snyderi*) and subterranean termites in their above-ground galleries, workings or aerial nests within the structure. Apply either a 0.125% or 0.25% dilution by foam and/or liquid injection into galleries, nesting areas and infested voids or channels in damaged wooden members of a structure, or to other locations vulnerable to attack by termites. Locate existing openings, or drill the infested cavity, and inject dilution under low pressure using appropriate treatment tools. Plug treatment holes drilled in commonly occupied areas of structures. Inspect as needed. **DO NOT** reapply more often than every four weeks.

USE DIRECTIONS FOR GENERAL PEST CONTROL

PRODUCT INFORMATION

Phantom is intended for sale, use and storage only by individuals/firms licensed or registered by the state to apply termiticide and/or general pest control products as a spot or crack and crevice spray for residual pest control.

Permitted areas of use include: Inside houses, apartments or other residential structures, meat, poultry & egg processing & packaging plants, the food/feed- and non-food/feed-handling areas of food-handling establishments

and commercial, institutional and warehousing establishments.

Food-handling Establishments include places other than private residences where exposed food is held, processed, prepared or served. These include food service, manufacturing and processing establishments such as restaurants, cafeterias, supermarkets, mills, processing plants, bakeries, breweries, dairies, meat slaughtering and packing plants and canneries.

Commercial, institutional and warehousing establishments include schools, groceries and supermarkets, restaurants and cafeterias, hotels and motels, hospitals and nursing homes, warehouses and industrial buildings, laboratories, zoos, pet shops, computer facilities, and sewers.

USE RESTRICTIONS FOR GENERAL PEST CONTROL

- **DO NOT** reapply more than once every four weeks.
- **DO NOT** contact treated areas until the spray has dried. Use only in well-ventilated conditions.
- Individuals without proper personal protective equipment should not be in the immediate vicinity during application.
- **DO NOT** apply in patient rooms while occupied. Remove patients before treating rooms in hospitals and nursing homes. Allow treated areas to dry before returning patients to treated rooms.
- **DO NOT** use in classrooms while occupied.
- **DO NOT** contaminate food, food packaging, or food contact surfaces.
- **DO NOT** make general surface or space applications to pantry pests in cupboards, cabinets or in containers.
- **DO NOT** treat surfaces where items, such as linens, clothing, toiletries, or other personal belongings, will contact treated surfaces.
- **DO NOT** make applications to mattresses.
- **DO NOT** apply to surfaces of box springs, bed frames, off-bed areas, and furniture that could commonly contact people or pets. Product can be applied to areas of box springs, bed frames, off-bed areas, and furniture that do not commonly come in direct contact with people and pets.

Before applying to bed frames and box springs, remove linens. Allow bed frame and box springs to dry before remaking the bed.
- **DO NOT** allow pets to contact treated areas until the spray has dried.
- Remove pets, and cover or remove pet food and water, pet toys, pet bedding, and fishbowls prior to application.
- In zoos, remove animals, cover, or remove animal food/water prior to application.
- **DO NOT** apply into heating and air conditioning vents or ducts.
- **DO NOT** apply where electrical short circuits could occur.
- **DO NOT** apply in aircraft cabins.
- **DO NOT** allow excess product to pool. Use care during application to avoid drift, splatter, runoff, dripping, and pooling. If needed, clean up excess before leaving the site. A spill control kit can be used for this purpose.

MIXING DIRECTIONS

Dilution Table:

Desired Dilution Concentration*	Amount of Phantom® termiticide-insecticide to make 1 gallon of finished dilution		Amount of Phantom to make 5 gallons of finished dilution	
0.50%	3.0 fl ozs	88 ml	15.0 fl ozs	440 ml
0.25%	1.5 fl ozs	44 ml	7.5 fl ozs	220 ml

* Percentage weight of active ingredient to weight of spray dilution.

Mix the dilution in the following manner:

1. Fill hand-pressurized or power-operated application equipment with 1/2 to 3/4 of the required amount of water.
2. Measure the required amount of **Phantom**.
3. Add **Phantom** to the sprayer and fill with the remainder of the water.
4. Close sprayer and agitate to insure proper suspension.
5. Re-agitate material in sprayer before continuing if application is interrupted.

GENERAL PEST CONTROL

Phantom can be used to control many nuisance pests, stored product pests and occasional invaders that infest structures, including:

- ants (acrobat, Argentine, carpenter, odorous house, pavement, pharaoh's, pyramid);
- beetles (Asian lady, confused flour, darkling larva (yellow mealworm), saw-toothed grain);
- bark scorpions;
- bed bugs,
- boxelder bugs,
- centipedes;
- cockroaches (American, Asian, brown-banded, German, Oriental, and smokybrown);
- European earwigs;
- house crickets;
- house flies;
- paper wasps*
- pillbugs;
- spiders (black widow, cellar);
- silverfish

* **Phantom** is not a knockdown agent.

Apply a 0.5% dilution as a coarse, low-pressure spot or crack and crevice spray.

For use with low-pressure directed spray or similar application equipment. Use a straw tip or pin tip nozzle for crack and crevice applications. Application shall be limited to a maximum 0.5% concentration.

Phantom® termiticide-insecticide can be applied where pests forage, harbor, breed, or nest, or where evidence of pests occurs in the following areas:

- crack and crevice
- void treatment
- spot treatment in commercial areas not likely to come into direct contact with people or pets.

These may include openings around pipes and sinks, under and behind refrigerators, baseboards, washing machines, stoves, cabinets, meter boxes, storage areas, empty clothes closets, lockers, shelves, doors and windows, box springs, bed frames, inside empty drawers, nightstands, and other furniture in the room, carpet edges, wall moldings, wall voids, behind wall hangings, wallpaper edges, and popcorn ceilings. **DO NOT** make direct applications of **Phantom** to mattresses. Spot treatments may be made in commercial settings by following the directions for use and restrictions presented on this label.

Ants: Where possible, apply **Phantom** directly to ant nest(s) or nesting site(s), ant trails or ant-infested wood or structural voids. Foam applications of **Phantom** may be made in voids.

Bed Bugs: for beds, treat joints and channels if hollow, such as square and round tubing, and see that interior framework is treated. Remove all clothes and other articles from dressers or closets before application. Allow all treated areas to dry before use. **DO NOT** apply **Phantom** directly to mattresses. For mattress treatments use products approved for this use such as **PT® Alpine® Flea and Bed Bug Pressurized Insecticide (EPA Reg. No. 499-540)** or **Clear Zone® Double Impact Farm Fly Spray (EPA Reg. No. 499-320)**.

For places that are likely to come into direct contact with people or pets, **Alpine® WSG Water Soluble Insecticide (EPA Reg. No. 499-561)** can be used. For more precise and controlled applications, **PT® Phantom® Pressurized Insecticide (EPA Reg. No. 499-548)** can be used for spot, crack and crevice, and void applications. **DO NOT** use **Phantom** as a spot treatment for indoor residential areas.

BASF products must be applied in accordance with their label directions.

Interior Applications in Non-Food-Handling Areas

Spot or crack and crevice applications may be made in non-food/feed 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.

Interior Applications in Food-Handling Areas

Food-handling areas are areas where food and food products are held, processed, prepared or served. Application in food-handling areas of food-handling establishments is limited to spot or crack and crevice treatments. The food-handling area may not be in operation during application. Exposed food must be covered or removed prior to application. After application if non-target surfaces have been accidentally contaminated with the product, these areas must be washed with a suitable detergent followed by a potable water rinse before operations can resume. **DO NOT** apply directly to food, food packaging or food contact surfaces.

Limited Exterior Application to Structures

Exterior application is limited to spot and crack and crevice treatments where pests enter around doors, windows, eaves, attic vents, and holes in exterior walls where utilities enter. Apply a maximum of 1.2 fl ozs of dilution per 2 square feet.

Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF Agricultural Solutions US LLC (hereafter "BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

To the extent consistent with applicable law, BASF makes no other express or implied warranty of fitness or merchantability or any other express or implied warranty.

To the extent consistent with applicable law, Buyer's exclusive remedy and BASF's exclusive liability, whether in contract, tort, negligence, strict liability, or otherwise, shall be limited to repayment of the purchase price of the product.

To the extent consistent with applicable law, BASF and the Seller disclaim any liability for consequential, special or indirect damages resulting from the use or handling of this product.

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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***Raindrop** is a trademark of Delavan Corporation.*

***TeeJet** is a registered trademark of Spraying Systems Company.*

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Based on: NVA 2023-04-0155-0133
Supersedes: NVA 2024-04-0155-0307

BASF Agricultural Solutions US LLC
2 TW Alexander Drive
Research Triangle Park, NC 27713


We create chemistry

Precor 2000® Plus

Premise Spray

KILLS: Adult Fleas, Hatching Flea Eggs, Flea Larvae, Ticks, Cockroaches and Ants

FOR USE IN: Garages, Homes, Hospitals, Hotels, Kennels, Motels, Offices, Schools, Supermarkets, Transportation Equipment, Warehouses, Utilities, Veterinary Clinics and other Commercial and Industrial Buildings

SPECIMEN LABEL

ACTIVE INGREDIENTS:

(S)-Methoprene (CAS #65733-16-6)	0.085%
Permethrin (CAS #52645-53-1)	0.350%
Phenothrin (CAS #26002-80-2)	0.300%
N-octyl bicycloheptene dicarboximide (CAS #113-48-4) ...	2.000%
Piperonyl butoxide* (CAS #51-03-6)	1.750%

OTHER INGREDIENTS:** 95.515%

TOTAL: 100.000%

* (butylcarbityl)(6-propylpiperonyl) ether and related compounds

**Contains petroleum distillates

KEEP OUT OF REACH OF CHILDREN CAUTION

See Additional Precautionary Statements and
Directions for Use

EPA Reg.No. 2724-490

EPA Est. No. (J) 11623-GA-2 (N) 33595-MO-4

Precor 2000® Plus Premise Spray (Precor 2000® Plus) kills adult fleas, hatching flea eggs, flea larvae, and ticks, cockroaches, and ants. PRECOR®, the ingredient in Precor 2000® Plus provides 210 days' protection by preventing eggs from ever developing into biting fleas. For best results, treat your pet with a product registered for that use, such as Petcor® Flea Spray or other similar on-animal products for complete control of fleas and ticks.

READ ENTIRE LABEL BEFORE USE. NOT FOR USE ON HUMANS OR PETS.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. **SHAKE WELL BEFORE USING.**

USE AND RESTRICTIONS

Do not use in food areas of food 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 areas where prepared foods are served, such as dining rooms, but excluding areas where foods may be prepared or held. Remove or cover exposed food or drinking water before application. Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, or wash them before use. Not for broadcast use on indoor residential surfaces. Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application. Do not enter or allow others to enter until sprays have dried. Do not wet articles to point of runoff or drip. Do not use treated article until spray has dried. Do not use in aircraft cabins. Do not use in dairy barns or facilities. To apply at the maximum rate, spray for about 25 seconds to cover a 20 ft X 10 ft area. Do not apply more than one time per day.

Do not apply this product in a way that will contact workers or other persons either directly or through drift. Only protected handlers may be in the area during application.

FOR USE IN THE HOME/GARAGE/KENNEL

1. Identify treatment areas, especially those where pets frequent, such as in and around pet's sleeping and resting areas. These are the primary areas where fleas, their eggs, and ticks are found. Before treatment, make a test application to upholstery, drapery, light-colored, delicate fabrics, or wood surfaces in an inconspicuous place. **2. Prepare treatment areas**. Remove pets and birds, and cover and unplug fish aquariums before spraying. Remove motor vehicles before using in garages. For best results with Surface/Carpet treatments, vacuum thoroughly before spraying and discard vacuum bag in outside trash. This product may also be used for infested surfaces inside motor vehicles. **3. Apply treatment**. For flea/tick infestations, a single can treats 2000 square feet. Hold container upside down 2-3 feet from surface, point actuator towards the surface and push button. Apply as a spot treatment only to surfaces of furniture, rugs, carpets, drapes, and around all pet resting areas until "slightly damp". Reapply in 14 days, if necessary. **IMPORTANT:** Only proper application to carpets, upholstery, drapes, and other fabrics will provide thorough flea/tick elimination. Keep people and pets out of areas during treatment. Do not apply directly to pets or animals. Vacate room after treatment, and ventilate until surfaces are dry before reoccupying. For best results, treat your pets with a registered flea and tick control on-animal product, such as Petcor® Flea Spray or other similar on-animal products to eliminate fleas/ticks on your pets.

For use in: Hotels, Motels and Schools: 1. Prepare Treatment Areas. For best results with Surface/Carpet treatments, vacuum thoroughly before spraying and discard vacuum bag in outside trash. Test in an inconspicuous area before treating. Keep people and pets out of areas during treatment. Cover and unplug aquariums before spraying. Thoroughly ventilate until surfaces are dry before reoccupying. **2. Apply Treatment**. For flea/tick infestations, a single can treats 2000 square feet. Hold container upside down 2-3 feet from surface, point actuator towards the surface and push button. Apply as a spot treatment only to surfaces of furniture, rugs, carpets, drapes until "slightly damp". Reapply in 14 days, if necessary.

For use in: Hospitals, Offices, Supermarkets, Transportation Equipment (Buses, Boats, Ships, Trains, Trucks), Warehouses, Utilities, Veterinary Clinics and Other Commercial and Industrial Buildings: 1. Prepare Treatment Areas. For best results with Surface/Carpet treatments, vacuum thoroughly before spraying and discard vacuum bag in outside trash. Test in an inconspicuous area before treating. Keep people and pets out of areas during treatment. Cover and unplug aquariums before spraying. Thoroughly ventilate until surfaces are dry before reoccupying. **2. Apply Treatment**. For flea/tick infestations, a single can treats 2000 square feet. Hold container upside down 2-3 feet from

surface, point actuator towards the surface and push button. Using a sweeping motion, apply a light, uniform spray to all surfaces of furniture, rugs, carpets, drapes, and around all pet resting areas. Mist treated areas only until "slightly damp". Reapply in 14 days, if necessary.

IMPORTANT: Only complete and proper application to carpets, upholstery, drapes, and other fabrics will provide thorough flea/tick elimination.

For cockroaches: Spray into hiding places, such as cracks, crevices, behind sinks, cabinets, along baseboards and floors, around drains and plumbing, hitting insects with spray whenever possible. For ants: Spray trails, nests, and points of entry. Spray on ants where possible.

STORAGE and DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. **Pesticide Storage:** Store in a cool, dry area. Do not transport or store below 32° F. **Container Handling and Pesticide Disposal:** Do Not Puncture or Incinerate! **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions.

PRECAUTIONARY STATEMENTS – HAZARDS TO HUMANS AND DOMESTIC ANIMALS – CAUTION

Avoid contact with skin or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Some materials that are chemical-resistant to this product are barrier laminate, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, viton ≥ 14 mils. If you want more options, follow the instructions for category E on an EPA chemical-resistance category selection chart.

Personal Protective Equipment (PPE)

Applicators must wear the following:

Long-sleeve shirt and long pants

Shoes plus socks

Chemical-resistant gloves

USER SAFETY REQUIREMENTS

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with the product. Do not reuse them.

FIRST AID

IF ON SKIN OR CLOTHING • 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.

IF SWALLOWED • Immediately call a poison control center or doctor for treatment advice. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give ANY liquid to the person. • Do not give anything by mouth to an unconscious person.

In case of emergency, call 1-800-248-7763 or a poison control center. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

NOTE TO PHYSICIAN/VETERINARIAN: Contains petroleum distillates – vomiting may cause aspiration pneumonia.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

PHYSICAL OR CHEMICAL HAZARDS

Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130° F may cause bursting.

For product use information or in case of emergency, call **1-800-248-7763**.

www.zoecon.com



Manufactured for:

Wellmark International, 1501 East Woodfield Road, 200W, Schaumburg, Illinois 60173

NOTE: This specimen label is for informational purposes only. All uses may not be approved in all states. See product labeling for use directions. Circled letter in front of the EPA Est No. corresponds to the first letter in lot number on bottom of container.

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PCO 18-023
April, 2018



Precor[®]

Plus Fogger

- KILLS ADULT FLEAS AND THEIR HATCHING EGGS
- PRECOR[®] INSECT GROWTH REGULATOR PREVENTS FLEA REINFESTATION FOR 7 MONTHS
- NO LINGERING ODOR OR STAINS
- EASY TO APPLY
- EFFECTIVELY BREAKS THE FLEA LIFE CYCLE

ACTIVE INGREDIENTS:

(S)-Methoprene (CAS #65733-16-6) 0.09%

Permethrin (CAS #52645-53-1) 0.58%

OTHER INGREDIENTS: 99.33%

TOTAL: 100.00%

EPA Reg. No. 2724-454

EPA Est. No. 11623-GA-1 or 11623-GA-3

KEEP OUT OF REACH OF CHILDREN

CAUTION

See additional precautionary statements.

PRECOR[®] Plus Fogger kills adult fleas and their hatching flea eggs. **Does not control bedbugs.** PRECOR[®] Insect Growth Regulator, the ingredient in PRECOR[®] Plus Fogger, provides 7 months' protection by preventing eggs from ever developing into biting fleas. This product enables you to fill an entire room with insect-killing fog while you are away. For best results, use PRECOR[®] Plus Fogger together with other Zoëcon[®] products for complete control of fleas and ticks.

DIRECTIONS FOR USE

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

TO USE THIS PRODUCT CORRECTLY



DO NOT use multiple foggers per room.



DO NOT use in small confined spaces such as closets, cabinets, or under counters, cabinets or tables. Use of a fogger in an enclosed space may cause the product to explode, resulting in injury to people or damage to property. DO NOT use in

a room 5 ft x 5 ft or smaller; instead, allow fog to enter from other rooms.

SPECIMEN LABEL



UNPLUG AND TURN OFF ALL ignition sources such as pilot lights (shut off gas valves), other open flames, or running electrical appliances that cycle off and on (i.e., refrigerators, thermostats, etc.).



NO FLAMES OR PILOT LIGHTS. Call your gas utility or management company if you need assistance with your pilot lights.

BEFORE YOU FOG

Vacuum thoroughly before fogging. To ensure unobstructed flow of fogger mist, OPEN inside doors and cabinets.

REMOVE or cover exposed food, dishes, utensils, food preparation equipment, and surfaces. CLOSE outside doors and windows. Remove all motor vehicles before fogging garage.

TO START FOGGING

SHAKE WELL BEFORE USING. Elevate fogger by placing on stand or table covered by newspaper in center of room to be fogged. Spread newspapers on the floor for several feet around area of release. Before activating, tilt can AWAY from face (container sprays straight up). Press down firmly on edge of actuator tab until it locks into place. After activating fogger, leave room or house at

once. For best results, spot treat with Zoëcon® premise products under beds, furniture, or obstructed areas where fogger mist may not penetrate. After activating fogger, **vacate the treated house, individual apartment unit, or other structure immediately.** Use enclosed Door Hang Tag to mark the time when re-entry is permitted (at least two hours after the start time). Fill out and place hang tag on the door to the treated area to alert family and others with access to the treated area not to enter for two hours.

AIRING OUT

Do Not Re-enter for 2 Hours. Air out the room before entering. Keep treated area closed for at least two hours, then open all doors and windows and allow treated area to air for two hours before returning.

STORAGE AND DISPOSAL

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

STORAGE: Store in a cool, dry area away from heat or open flame. **DISPOSAL:** Do Not Puncture or Incinerate! **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

USE ONLY WHEN AREA TO BE TREATED IS VACATED BY HUMANS AND PETS. Harmful if absorbed through the skin. Avoid contact with skin, eyes, or clothing. Breathing spray mist may be harmful. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse. If pet is exposed to wet surface, wash fur with soap and water.

DIRECTIONS FOR USE

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

FIRST AID

If on skin or clothing	• 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.
If swallowed	• Immediately call a poison control center or doctor. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-248-7763 for emergency medical treatment information. Contact veterinarian if pets are exposed during application.

Note to Physician/Veterinarian: Contains petroleum distillates. Vomiting may cause aspiration pneumonia.

HIGHLY FLAMMABLE INGREDIENT
INGREDIENTES ALTAMENTE INFLAMABLE



PHYSICAL OR CHEMICAL HAZARDS

Extremely Flammable. Contents under pressure. Keep away from fire, sparks, and heated surfaces. Do not puncture or incinerate container. Exposure to temperatures above 130° F may cause bursting. **THIS PRODUCT CONTAINS A HIGHLY FLAMMABLE INGREDIENT. IT MAY CAUSE A FIRE OR EXPLOSION IF NOT USED PROPERLY. FOLLOW THE "DIRECTIONS FOR USE" ON THE CARTON VERY CAREFULLY.**

In case of emergency or for product use information, call **1-800-248-7763.**

www.zoecon.com

Wellmark International

1501 East Woodfield Road 200W
Schaumburg, Illinois 60173



Precor and Zoëcon with design are registered trademarks of Wellmark International.

October, 2017
Schaumburg, IL



Specimen Label

- Kills ants (excluding fire ants and carpenter ants)
- Effective for up to 90 days (excluding fire, harvester, carpenter & pharaoh ants)
- Kills ants where they breed (excluding fire, Argentine, harvester, carpenter & pharaoh ants)

ACTIVE INGREDIENT:

Clothianidin 0.01%

OTHER INGREDIENTS 99.99%
100.00%

KEEP OUT OF REACH OF CHILDREN

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For information regarding medical emergencies or pesticide incidents, call 1-888-740-8712.

DIRECTIONS FOR USE

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

USE RESTRICTIONS:

- Do not apply to humans, animals, clothing or bedding.
- Do not contaminate feed or food products, food preparation surfaces, dishes, kitchen utensils or food containers.
- DO NOT APPLY ANY BAIT IN COCKPIT AREAS OF AIRCRAFT.
- Use only in areas not easily accessible to children, pets and other non-target organisms.
- Only for spot and crack and crevice application.
- Do not apply gel bait in areas where repellent insecticides have been or will be used in the future without thoroughly washing the surface.
- Do not apply gel bait to areas where food utensils or food preparation surfaces may become contaminated.
- Do not treat food preparation surfaces.
- Do not place gel bait in locations that are routinely washed, as bait will be removed by washing.
- Do not deposit gel onto exposed surfaces. If gel bait contacts exposed surface, remove gel bait and wash exposed surfaces.
- Do not apply to surfaces where the temperature exceeds 120-130°F because this could cause the gel bait to liquefy.

INSECTS KILLED:

Ants (excluding fire ants and carpenter ants). Includes: acrobat, Argentine, bigheaded, cornfield, tawny crazy, field, ghost, harvester, honey, little black, odorous house, pavement, pharaoh, pyramid, rover, thief and white-footed ants.

WHERE TO USE: FOR USE IN RESIDENTIAL, INSTITUTIONAL, COMMERCIAL AND INDUSTRIAL AREAS AND TRANSPORTATION EQUIPMENT:

Use sites include single- and multi-family residential buildings, schools, commercial and industrial establishments, aircraft, trains, ships, boats and buses.

BEFORE YOU APPLY

Inspect infested areas carefully to determine overall infestation levels, locations of foraging, nesting areas and most appropriate application points.

Removing food and water sources helps with bait acceptance.

USE INSTRUCTIONS:

This product is only for use as a spot or crack and crevice treatment in areas inaccessible to children or pets for the control of ants.

1. Remove the cap from the nozzle, attach tip, touch the tip to the surface to be treated, and push down on the plunger. Apply bait as spots or lines. Recap the dispenser after treatment is completed.
2. Place bait in cracks, crevices, corners and locations where ant traffic is observed and nesting areas are suspected.
3. Inspect bait placements periodically and apply fresh Sumari® Ant Gel Bait as needed. [It is best to replace bait before it is completely consumed.]

If the area to be treated has been recently treated with insecticide, thoroughly clean the area before applying bait. Do not spray insecticide over gel as this may cause the bait to become repellent.

Do not apply to areas that are routinely washed (such as countertops) as bait may be removed or diluted and spread onto the surface.

INDOOR

HOW TO APPLY

Commercial, Institutional and Industrial:

Indoor applications in areas inaccessible to children and pets include cracks and crevices along walls or floors, behind or under equipment or appliances, under tables, within framing of tables or furniture, around sinks, within or near garbage collection areas.

Applications in Nonfood Areas of Food Handling Establishments:

Sumari Ant Gel Bait is designed for use as a spot or crack and crevice treatment to control ants in areas inaccessible to children and pets in the nonfood areas of commercial, industrial, public and institutional buildings/structures, including restaurants, warehouses, food processing plants, supermarkets, hospitals, nursing homes, motels, hotels, schools, laboratories, computer facilities, aircraft, buses, boats/ships, trains, pet shops and zoos.

Nonfood areas include areas such as garbage rooms, lavatories, floor drains (to sewers), entries, vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after bottling or canning). Refer to next section for use directions and restrictions when making applications in food areas of food handling establishments.

Applications in Food Handling Areas:

Apply only as a crack and crevice treatment to food areas inaccessible to children and pets of food handling establishments. Apply Sumari Ant Gel Bait directly into cracks and crevices by placing the bait dispenser tip approximately 1/2 inch into cracks, crevices, holes and similar openings where ants are found or are entering. Food handling areas include areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage, and enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas are also considered a food area when food is exposed and facility is in operation. Do not apply bait to areas where food utensils or processing surfaces may become contaminated.

Residential:

Sumari Ant Gel Bait is designed for use as a spot or crack and crevice treatment to control ants in residential structures in areas that are inaccessible to children and pets. Indoor applications include cracks and crevices along walls or floors, behind or under equipment or kitchen appliances, under tables, around sinks, within or near garbage collection areas, attics, crawl spaces and cracks and crevices in cabinets.

Do not apply gel bait to areas where food utensils or processing surfaces may become contaminated.

OUTDOOR (Adjacent to home or structure)

HOW TO APPLY

Commercial, Institutional, Industrial and Residential:

- A thorough inspection around a structure may reveal areas where ants are gaining access to the structure. Attempts should be made to remove the access.
- Place gel bait on, into or adjacent to structures where ants are observed, adjacent to ant trails and to areas where ant activity is suspected.
- Apply Sumari Ant Gel Bait as a spot or thin line (see figures in next section) to pest entry sites adjacent to homes or structures such as along windows, doors, between construction elements, sewer areas, adjacent trees which harbor ants, along walls, garbage holding areas or suitable placement sites acting as an ant harborage.
- High temperatures may affect the consistency of the gel after placement. Inspect regularly to determine if additional gel is needed.

HOW MUCH TO APPLY:

- Apply Sumari Ant Gel Bait as spots or small lines of gel near active foraging trails, nest sites or to areas known to be active without disrupting the ants to ensure the ants take the bait back to the nest.
- Apply a minimum of 1 gram of Sumari Ant Gel Bait. Bait may be applied as:
 - o Individual spots [see figure for approximate sizes and weights]
 - o Lines of Sumari Ant Gel Bait of approximately 1/8" wide and 4" long [1 gram of bait]; up to 12" long [3 grams] for highly active foraging trails.
- Inspect Sumari Ant Gel Bait placements periodically and apply fresh ant gel as needed.

To increase feeding area use spots rather than lines. Examples of Sumari Ant Gel Bait placement amounts:

Figure 1: Line of gel approx. 1/8" x 2"	
Figure 2: Spot of gel approx. 0.1g	
Figure 3: Spot of gel approx. 1g	

PRECAUTIONARY STATEMENTS

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates, fish and wildlife. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Do not apply where runoff is likely to occur. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.

PHYSICAL OR CHEMICAL HAZARDS

Do not apply this product in or around electrical equipment due to the possibility of shock hazard.

STORAGE AND DISPOSAL:

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

STORAGE:

Store in a cool, dry place. Always store pesticides in the original container. Store away from food and pet food.

PESTICIDE DISPOSAL AND CONTAINER HANDLING:

Non-refillable container. Do not reuse or refill this container.

If empty: 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.



EPA Reg. No. 1021-2809
EPA Est. No. 1021-MN-2
Rev. 0520-1120



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7325 Aspen Lane North, Minneapolis, MN 55428

FIRST AID: Have this label with you when obtaining treatment advice.	
If swallowed:	• 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.
If in eyes:	• Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor immediately for treatment advice.
If on skin or clothing:	• Take off contaminated clothing. • Rinse skin with plenty of cool water for 15-20 minutes. • Call a poison control center or doctor immediately for treatment advice.
TREATMENT FOR PET POISONING: If animal eats bait, call veterinarian at once.	
NOTE TO PHYSICIAN OR VETERINARIAN: Contains the nerve poison bromethalin. This is not an anticoagulant type rodenticide. There is no antidote. For humans or animals known or thought to have ingested bait within 4 hours, limit absorption by emesis or lavage and with multiple treatments of activated charcoal. For humans or animals showing obvious poisoning symptoms (muscle tremors, loss of hind limb use, and/or seizures) treatment should be therapeutic and supportive.	

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Keep away from children, domestic animals and pets. All handlers (including applicators) must wear long pants, shoes, socks, and waterproof gloves. Any person who retrieves carcasses or unused bait following application of this product must wear waterproof gloves.

User Safety Requirements: Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. Wash the outside of gloves before removing them. As soon as possible, wash hands thoroughly after applying bait and before eating, drinking, chewing gum, using tobacco or using the toilet, and change into clean clothing.

ENVIRONMENTAL HAZARDS: This product is extremely toxic to mammals and birds. Dogs, cats and other predatory and scavenging mammals and birds might be poisoned if they feed upon animals that have eaten this bait. Do not apply directly to water, or 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 wash water or rinsate.

DIRECTIONS FOR USE

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

READ THIS LABEL and follow all use directions and precautions. Use only for the sites, pests, and application methods described on this label.

IMPORTANT: Do not expose children, pets or other nontarget animals to rodenticides. To help prevent accidents:

1. Store product not in use in a location out of reach of children and pets.
2. Apply bait in locations out of reach of children, pets, domestic animals, and nontarget wildlife, or in tamper-resistant bait stations. These stations must be resistant to destruction by dogs and children under six years of age, and must be used in a manner that prevents such children from reaching into bait compartments and obtaining bait. If bait can be shaken from stations when they are lifted, units must be secured or otherwise immobilized. Even stronger bait stations are needed in areas open to hoofed livestock, raccoons, bears, other potentially destructive animals, or in areas prone to vandalism.
3. Dispose of product container, unused, spoiled, and unconsumed bait as specified on this label.

Note: Bait stations are mandatory for outdoor, above-ground use. Tamper-resistant bait stations must be used if children, pets, non-target mammals, or birds may access the bait.

EPA Reg. No. 7173-312

EPA Est. No. 7173-WI-1



MINI BLOCKS

FOR INDOOR AND OUTDOOR USE

**KILLS NORWAY RATS, ROOF RATS, HOUSE MICE, AND
ANTICOAGULANT-RESISTANT NORWAY RATS,
ROOF RATS AND HOUSE MICE**

KILLS OTHER RODENT SPECIES AS LISTED ON THE LABEL

**NORWAY RATS AND HOUSE MICE MAY CONSUME A LETHAL DOSE IN ONE
NIGHT'S FEEDING BUT IT MAY TAKE TWO OR MORE DAYS FROM
TIME OF BAIT CONSUMPTION FOR THEM TO DIE**

**DUE TO STOP FEED ACTION, RODENTS TYPICALLY FEED LESS
OR CEASE FEEDING ALTOGETHER AFTER CONSUMING A TOXIC DOSE**

Active Ingredient: bromethalin 0.01%
Other Ingredients..... 99.99%
Total..... 100.00%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See side panel for additional precautionary statements.

USE RESTRICTIONS: This product can only be used to control Norway rats, roof rats, house mice, Cotton rat* (*Sigmodon hispidus*), Eastern harvest mouse* (*Reithrodontomys humuli*), Golden mouse* (*Ochrotomys nuttalli*), Polynesian rat* (*Rattus exulans*), Meadow vole* (*Microtus pennsylvanicus*), White-throated woodrat* (*Neotoma albigula*), Southern plains woodrat* (*Neotoma micropus*), Bushy-tailed woodrat* (*Neotoma cinerea*), and Mexican woodrat* (*Neotoma mexicana*) in and within 100 feet of man-made structures constructed in a manner so as to be vulnerable to commensal rodent invasions and/or to harboring or attracting rodent infestations. Examples of such structures include homes and other permanent or temporary residences, food processing facilities, industrial and commercial buildings, trash receptacles, agricultural and public buildings, transport vehicles (ships, trains, aircraft), docks and port or terminal buildings, and related structures around and associated with these sites. Fence and perimeter baiting beyond 100 feet from a structure, as defined above, is prohibited. Do not sell this product in individual containers holding less than 4 pounds of bait. Do not place near or inside ventilation duct openings. Do not contaminate water, food, feed, food or feed handling equipment, or milk or meat handling equipment. Do not apply directly to food or feed crops. Do not broadcast bait. Burrow baiting with this product is prohibited.

*Not permitted for use against the following species in California: Cotton rat, Eastern harvest mouse, Golden mouse, Polynesian rat, Meadow vole, White-throated woodrat, Southern plains woodrat, Bushy-tailed woodrat, and Mexican woodrat.

Selection of Treatment Areas: Determine areas where rats, mice and/or meadow voles as listed on this label will most likely find and consume bait. Generally, these are along walls, by gnawed openings, in corners and concealed places, between floors or walls, beside burrows, or in locations where signs of listed rodents have been observed. Remove as much alternative food as possible.

APPLICATION DIRECTIONS: The active ingredient in this product is different from anticoagulant rodenticides. Individual rats and mice typically feed less or cease feeding altogether after consuming a toxic dose. Bait can be placed and secured using wire, zip ties or nails within man-made structures in locations out of reach of children, pets and non-target animals, such as utility boxes, between or below floor slats, inside wall voids, crawlspaces and attics.

Mice and Meadow Voles* (as listed on this label): Apply 1 block of bait per placement, usually spaced 8 to 12 feet apart. Up to 2 blocks may be needed at points of very high activity.

Rats* (as listed on this label): Apply 2 to 12 blocks per placement, usually spaced 15 to 30 feet apart. Adjust the amount of bait applied to the level of rat feeding expected at each bait placement.

For sewer applications, securely attach one end of a wire to block of bait and the other end to a stationary structure such as the bottom step of manhole ladder or to a sewer grate, allowing just enough wire for bait to rest on manhole benching. If benching is not present, suspend bait a few inches above the high water line or place bait on a board supported by opposing steps of the ladder. Securing bait in this manner will minimize chance for removal by rats or water. Place at least 15 blocks per manhole. Maintain an uninterrupted supply of fresh bait for at least 10 days or until signs of rat activity cease.

Baiting Strategy: Highest bait consumption is expected to occur on the first day or two after treatment begins. After several days, inspect placement and replenish bait at sites where there is evidence of heavy feeding or where there is continued evidence of rodent activity. Normally, the volume of bait consumed will be significantly less with bromethalin baits than the anticoagulant baits. Although one night's feeding will usually provide a lethal dose, maintain bait for at least one week to provide all rodents a chance to feed on the bait. Continue baiting until all signs of feeding have ceased.

Follow-up: Replace contaminated or spoiled bait immediately. Wearing waterproof gloves, collect and dispose of all visible dead animals and leftover bait, as well as any bait that has become accessible to non-target animals. To discourage reinfestation, limit sources of rodent food, water and harborage as much as possible. If reinfestation does occur, repeat treatment. For a continuous infestation, set up permanent bait stations and replenish bait as needed. (120121)

STORAGE AND DISPOSAL

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

Pesticide Storage: Store in original container in a cool, dry place inaccessible to children and pets.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of in trash or at an approved waste disposal facility.

Container Handling: Nonrefillable container. Do not reuse or refill this container. Completely empty container then offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill.

WARRANTY: To the extent consistent with applicable law, seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

LIPHATECH

Liphatech, Inc.
3600 W. Elm Street
Milwaukee, WI 53209
800-351-1476

CUT OR TEAR HERE TO OPEN

RESEALABLE PACKAGE



PRESS TO RESEAL

11008354

2205xxxx

TALSTAR[®] XTRA

GRANULAR INSECTICIDE

FEATURING **VERGE** GRANULE TECHNOLOGY



For use to control pests, as listed, outdoors, including areas surrounding residential, institutional, public, commercial and industrial buildings.
For use on lawns and landscaped areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas, and athletic fields.

Kills fire ant queens within 24 hours.

Kills fire ant mounds within 15 minutes.

EPA Reg. No. 279-9552

Active Ingredients:

Zeta-Cypermethrin:*	0.05%
Bifenthrin:**	0.20%

Other Ingredients:	99.75%
Total	100.00%

* *Cis/trans* isomer ratio: Max 75% (±) *cis* and Min. 25% (±) *trans*

** *Cis* isomers 97% minimum; *trans* isomers 3% maximum.

For emergency assistance call: 1-800-331-3148.

W EPA Est. 279-IL-1

H EPA Est. 5905-GA-01

CP EPA Est. 67572-GA-1

EPA Establishment Numbers (The letter before each Establishment Number above corresponds to the first letter in the lot number on the container label.)

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See back panel label for additional precautionary information and complete directions for use.

barcode:
0003583258354x



00035832596186

Sold By

FMC

FMC Corporation
2929 Walnut Street
Philadelphia, PA 19104

03-18-22

Net Weight: 25 Pounds

FIRST AID	
IF SWALLOWED	• Call a poison control center or doctor immediately for treatment advice.
	• Have person sip a glass of water if able to swallow.
IF IN EYES	• 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.
MEDICAL 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 1-800-331-3148 for emergency assistance.	
NOTE TO PHYSICIAN	
This product is a pyrethroid. If large amounts have been ingested, the stomach and intestine should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol may increase absorption and so should be avoided.	

For Technical Support or Information regarding the use of this product, call 1-800-321-1FMC(1362).

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear long-sleeved shirt and long pants, socks, shoes and gloves. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish, aquatic invertebrates, oysters and shrimp.

Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.

DIRECTIONS FOR USE

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

For outdoor use only.

For soil or foliar applications, do not apply by ground within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries, and commercial fish ponds.

Do not apply the product into fish pools, ponds, streams or lakes. Do not apply directly to sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.

Do not allow product to enter any drain during or after application.

Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.

Do not make applications during rain.

Do not irrigate to the point of runoff.

Do not apply when the wind speed is greater than 15 mph.

Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area.

RESISTANCE MANAGEMENT: Talstar® XTRA Granular Insecticide Featuring Verge Granule Technology contains Group 3A Insecticides. Any insect population may contain individuals naturally resistant to Talstar® XTRA Granular Insecticide Featuring Verge Granule Technology and other Group 3A insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

Product Information

For use on plants intended for aesthetic purposes or climate modification and being grown in interior plantscapes, ornamental gardens or parks, or lawns or grounds. Also for use as a perimeter or spot treatment to control pests outdoors, including areas surrounding residential, institutional, public, commercial and industrial buildings.

Not for use on plants being grown for sale of other commercial use, or for commercial seed production, or for research purposes.

Not for use on golf courses, sod farms, nurseries, in commercial greenhouses or on grass grown for seed.

LAWN AND PERIMETER

Application Information

Apply this product directly to the lawn or garden area.

Water treated area as directed on this label. Do not water to the point of run-off.

Broadcast with suitable application equipment to ensure uniform coverage over the treatment area.

Use Rate Conversion				
lb Talstar® XTRA Insecticide Featuring Verge Granular Technology per 1000 sq. ft.	lbs. Bifenthrin per Acre	lbs. Zeta-Cypermethrin per Acre	lbs. Total ai per Acre	lbs. Talstar® XTRA Insecticide Featuring Verge Granular Technology per Acre
1.15	0.1	0.025	0.125	50
2.3	0.2	0.050	0.25	100
2.9	0.25	0.063	0.313	125
3.9	0.34	0.085	0.425	170
4.6	0.4	0.100	0.50	200

The maximum annual application rate is 200 lbs. product (equivalent to 0.4 lbs. bifenthrin) per acre per year.

Do not apply more than 100 lbs. product (0.2 lb. bifenthrin) per acre per application on residential use sites (i.e., around private homes, apartment buildings, condominiums, non-agricultural outbuildings, non-commercial greenhouses, pre-schools or day-care facilities).

May be applied at up to 200 lbs. product (0.4 lbs. bifenthrin) per acre per application on non-residential use sites (i.e., around institutional, public, commercial or industrial buildings; parks; recreational areas or athletic fields). In settings where children may visit and application rates are over 170 lbs. bifenthrin (0.34 lbs. bifenthrin) per acre per application, then granules must be watered in.

The application rates listed in the following table will provide control of the respective pests under typical conditions.

Pest	Application Rate		
	lbs. Product per 1000 sq. ft.	lbs. Total ai per Acre	lbs. Product per Acre
Annual Bluegrass Weevil (<i>Hyperodes</i>) (adults) Armyworms Billbugs (adults) Black Turfgrass Ataenius (adults) Cutworms Leafhoppers Mealybugs Sod Webworms	1.15 - 2.3	0.125 - 0.25	50 - 100
Ants, including carpenter ants (except Pharaoh ants) Centipedes Chinch Bugs Crane Flies (larvae) Earwigs Fleas (larvae & adults) Imported Fire Ants (adults) Millipedes Mole Crickets (nymphs & adults) Pillbugs Scorpions Sowbugs Ticks	2.3 - 4.6	0.25 - 0.5	100 - 200

Chinch Bugs: Chinch bugs infest the base of grass plants and are often found in the thatch layer. Irrigate the treated area with up to 0.25 inches of water immediately after application to activate (release from the granule) the insecticide. Chinch bugs can be one of the most difficult pests to control in grasses and the higher application rates may be required to control populations that contain both nymphs and adults during the summer.

Crane Flies: Treatments should be made to control early to mid-season larvae (approximately August - February) as they feed on plant crowns. Treatments made to late-season larvae (approximately March - April) may only provide suppression. Consult your local extensions agent for specific recommendations for your area.

Earwigs: When earwigs are found in mulch, mix granules into the mulch layer. Place a 3-6 foot band of Talstar® XTRA Granular Insecticide Featuring Verge Granule Technology around the building adjacent to the foundation (perimeter treatment) to stop or limit earwigs from getting indoors. Earwigs are attracted to moisture around homes, particularly when the weather turns hot and dry. For best results, eliminate damp, moist conditions in crawl spaces under houses, around exterior water spigots, air-conditioning units and along house foundations. Also, for best results, reduce lighting around doors, windows and other potential entry sites or use exterior sodium vapor yellow lights which attract fewer insects compared to white, neon, halide, or mercury vapor lights.

Fleas (adults and larvae): Control is provided for up to seven days. Flea larvae develop in the soil of shaded areas that are accessible to pets or other animals. Irrigate the treated area with up to 0.5 inches of water immediately after application to activate (release from the granule) the insecticide.

Imported Fire ants: Control will be optimized by combining broadcast applications that will control foraging workers and newly mated fly-in queens with mound treatments that will control existing colonies. If the soil is not moist, then it is important to irrigate before or soon after application. Broadcast treatments should apply no more than 0.5 lbs. total ai (0.4 lbs. bifenthrin) per acre. Mounds should be treated by applying 1/2 cup of Talstar® XTRA Granular Insecticide Featuring Verge Granule Technology per mound and then drenching the mound with 1 to 2 gallons of water. The mounds should be treated with sufficient force to break their apex and allow the insecticide solution to flow into the ant tunnels. Treat three feet out around the mound. For best results, apply in cool weather (65 - 80°F) or in early morning or late evening hours. This treatment will control the mound within 15 minutes and kill the queen within 24 hours of application. Application of at least 0.313 lbs. total ai per acre will provide four months residual activity for control of foraging Imported Fire Ants and newly mated fly-in Queens. **Food utensils such as teaspoons and measuring cups should not be used for food purposes after use with insecticide.**

Mole Cricket adults: Achieving acceptable control of adult mole crickets is difficult because preferred grass areas are subject to continuous invasion during the early spring by this extremely active stage. Applications should be made as late in the day as possible and should be watered in with up to 0.5 inches of water immediately after treatment. If the soil is not moist, then it is important to irrigate before application to bring the mole crickets closer to the soil surface where contact with the insecticide will be maximized. Grass areas that receive pressure from adult mole crickets should be treated at peak egg hatch to ensure optimum control of subsequent nymph populations (see below).

Mole Cricket nymphs: Grass areas that received intense adult mole cricket pressure in the spring should be treated immediately prior to peak egg hatch. Optimal control is achieved at this time because young nymphs are more susceptible to insecticides and they are located near the soil surface where the insecticide is most concentrated. Control of larger, more damaging, nymphs later in the year may require both higher application rates and more frequent applications to maintain acceptable control. Applications should be made as late in the day as possible and should be watered in with up to 0.5 inches of water immediately after treatment. If the soil is not moist, then it is important to irrigate before application to bring the mole crickets closer to the soil surface where contact with the insecticide will be maximized.

Scorpions: To ensure optimum control, treat the building perimeter at dusk to prevent outdoor scorpions from entering the building. Scorpions reside hidden in cracks and voids during the day and are active at temperatures above 77°F/25°C. Resting areas can be identified at night using a blacklight (UV bulb) as scorpions will fluoresce. These areas should also be treated. Prior to treatment, to increase treatment efficacy, remove trash, debris, or firewood that scorpions may use as resting sites.

Ticks (including ticks that may transmit Lyme Disease and Rocky Mountain Spotted Fever): Do not make spot applications. Treat the entire area where exposure to ticks may occur. Use higher application rates when treating areas with dense ground cover or heavy leaf litter. Ticks may be reintroduced from surrounding areas on host animals. Do not allow public use of treated areas during application.

Deer ticks (*Ixodes* sp.) have a complicated life cycle that ranges over a two year period and involves four life stages. Applications should be made in mid to late-spring to control larvae and nymphs that reside in the soil and leaf litter.

American dog ticks may be a considerable nuisance in suburban settings, particularly where homes are built on land that was previously field or forest. These ticks commonly congregate along paths or roadways where humans are likely to be encountered. Applications should be made as necessary from mid-spring to early fall to control American dog tick larvae, nymphs and adults.

Perimeter: Apply to ground area up to 7 feet wide around and adjacent to the structure. See table below.

Boundary Applications: Apply to soil areas, ornamental gardens, pavement crevices, fencelines, planter areas, vegetation areas and mulch areas.

Application Rate: lbs. per 1000 sq. ft.	Band Width (ft)	lbs. Talstar® XTRA Granular Insecticide Featuring Verge Granule Technology for Perimeter Applications Linear Distance (Feet) Around Structure							
		100	150	200	250	300	400	500	1000
2.3	5	1.3	1.9	2.5	3.1	3.6	4.8	5.9	11.7
2.3	7	2.0	2.8	3.6	4.4	5.2	6.8	8.4	16.5
3.0	5	1.7	2.5	3.2	4.0	4.7	6.2	7.7	15.2
3.0	7	2.6	3.6	4.7	5.7	6.8	8.9	11.0	21.5
3.5	5	2.0	2.9	3.8	4.7	5.5	7.3	9.0	17.8
3.5	7	3.0	4.2	5.4	6.7	7.9	10.3	12.8	25.0
4.6	5	2.7	3.8	5.0	6.1	7.3	9.6	11.9	23.4
4.6	7	3.9	5.5	7.1	8.8	10.4	13.6	16.8	32.9
Note: The amounts of Talstar® XTRA Granular Insecticide Featuring Verge Granule Technology listed in this table are based on the total area being treated. This area is determined by multiplying the linear distance by the band width and then adding to that value the area of a circle whose radius is equal to the band width (to account for the area treated at the four corners of a rectangular structure).									

In New York State, this product may NOT be applied to any grass or turf area within 100 feet of a water body (lake, pond, river, stream, wetland, or drainage ditch).

In New York State, do make a single repeat application of Talstar® XTRA Granular Insecticide Featuring Verge Granule Technology if there are signs of renewed insect activity, but not sooner than two weeks after the first application.

SPREADER EQUIPMENT SETTINGS

Broadcast application should be performed with a calibrated commercial broadcast spreader to evenly distribute the granules. Approximate settings for several models are provided in the table below.

Talstar® XTRA Granular Insecticide Featuring Verge Granule Technology - Suggested Spreader Setting Guide									
Application Rate lbs./1,000 sq. ft.	Leeco Broadcast - JD Rotary (TV 2358Z)	Leeco Broadcast - Old	Leeco® Spreader Model 091186	Scotts® HandyGreen II	Scotts® Speedy/Green II	Andersons Accu-Pro 2000, Cone Setting: 8.3 MPH	Earthway - EV-N-Spread Drop	Earthway EV-N-SPRED Rotary, 3.0 MPH	Earthway - EV-N-SPRED - Rotary (2030), 3.5 MPH
1.15 lbs.	2.8	F	8.3	4	2 3/4	6.6 I	12.4	13.4	4.5
2.3 lbs.	4	G	10.4	4*	5 1/4	7.5 J	12.6	14.5	8
4.6 lbs.	5.8	I	14.6	4**	9	9.2 K	13.1	16.8	14
Width Ft.	12	10	8	10	10		1.75		11
*Use this setting & make 2 passes over treatment area to achieve 2.3 lbs./1,000 sq. ft. **Use this setting & make 4 passes over treatment area to achieve 4.6 lbs./1,000 sq. ft.									

SPOT TREATMENT APPLICATIONS

Spot treatments must not exceed two square feet in size (for example, 2 ft by 1 ft or 4 ft by 0.5 ft).

Mound Ant Treatment, including Fire Ants: Apply 1/2 cup of Talstar® XTRA Granular Insecticide Featuring Verge Granule Technology per mound and then drench the mound with 1 - 2 gallons of water. The mound should be drenched with sufficient force to break its apex and allow the insecticide to flow into the ant tunnels. Treat three feet out around the mound. For best results, apply in cool weather (65 to 80°F) or in early morning or late evening hours. Treat new mounds as they appear. Talstar® XTRA Granular Insecticide Featuring Verge Granule Technology will provide control of ant mounds within four hours. **Food utensils such as teaspoons and measuring cups should not be used for food purposes after use with insecticide.**

INDUSTRIAL NON-AGRICULTURAL APPLICATIONS

(Including Industrial Sites, Parks, Ball Fields and Cemeteries)

Broadcast and Spot Applications: For the control of actively foraging ants (including Imported Fire Ants) broadcast uniformly 2.3 - 4.6 lbs. product per 1000 sq. ft. (0.25 - 0.5 lbs. total ai per acre). For Imported Fire Ants treatment recommendations, refer to the application rate table in the **"LAWN AND PERIMETER"** section.

Pad Mounted Electrical Sites: To reduce or prevent ant mound building activity on electrical pads, uniformly distribute 1.0 - 1.5 Tablespoons (0.06 - 0.09 lbs.) of Talstar® XTRA Granular Insecticide Featuring Verge Granule Technology per 4 sq. ft. of mounting pad. Where existing transformers are completely or partially filled with soil excavated by resident ants, remove any excess fill and level the remaining soil prior to application. **Food utensils such as tablespoons must not be used for food purposes after use in measuring pesticides.**

Note: Electrical transformers appear to be more attractive to ants during the cooler months. For best results treat in the Fall or early Spring.

STORAGE AND DISPOSAL

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

Pesticide Storage

Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use close tightly.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call CHEMTREC (transportation and spills): (800) 424-9300.

To confine spill: Cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

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

Container Handling: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling, if available, or dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Conditions of Sale and Limitation of Warranty and Liability:

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and 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.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Turf or plant injury, ineffectiveness, or other unintended consequences may result because of such factors as manner of use or application, weather or conditions beyond the control of FMC or Seller. All such risks shall be assumed by Buyer and User, and to the extent permitted by applicable law. Buyer and User agree to hold FMC and Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the Directions for Use when used in accordance with the directions under normal conditions of use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, FMC 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. Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) Seller or FMC, and to the extent permitted by applicable law. Buyer assumes the risk of any such use.

To the extent consistent with applicable law, FMC or Seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF FMC 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 FMC OR SELLER, 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.

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Verge is a trademark of Oil-Dri Corporation of America

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TERMIDOR[®] FOAM

TERMITICIDE/INSECTICIDE

For sale to, use, and storage only by individuals/firms licensed or registered by the state to apply termiticide and/or general pest control products.

KILLS: Termites* (including Arboreal, Dampwood, Drywood, and Subterranean), Wood Destroying Insects (including Old House Borer, Powder Post Beetle, and Wharf Borer), Ants (including *foraging* Carpenter; excluding Fire, Harvester, Leaf Cutter, and Pharaoh)

FOR USE IN AND AROUND STRUCTURES AND LIMITED OUTDOOR SPOT TREATMENTS: Apartments, Homes, Food/feed Handling Establishments (non-food/feed areas), Restaurants, Hospitals and Nursing Homes (non-patient areas), Hotels, Motels, Hobby Greenhouses, Interiorscapes, Office Buildings, Schools**, Transportation Equipment (Buses, Cargo Trucks, Trailers, and Trains), Warehouses and Other Commercial and Industrial Buildings

*Not a substitute for mechanical alteration, soil, or foundation treatment.

**DO NOT apply to classrooms when in use.

Active Ingredient:

Fipronil [5-amino-1-(2,6-dichloro-4-(trifluoromethyl)phenyl)-4-((1R,S)-(trifluoromethyl)sulfinyl)-1H-pyrazole-3-carbonitrile]: 0.005%

Other Ingredients: 99.995%

Total: 100.000%

EPA Reg. No. 499-563

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

Refer to full label for **Precautionary Statements, Directions For Use, Conditions of Sale and Warranty**, and state-specific use site restrictions.

In case of an emergency endangering life or property involving this product, call day or night 1-800-832-HELP (4357).

Net Contents:

BASF Agricultural Solutions US LLC
2 TW Alexander Drive
Research Triangle Park, NC 27713

BASF
We create chemistry

Precautionary Statements

Environmental Hazards

DO NOT apply within 15 feet of bodies of fresh water: lakes, reservoirs, rivers, permanent streams, marshes, natural ponds, and commercial fishponds. A 15 foot buffer of uniform groundcover must exist between the application area and bodies of fresh water (uniform ground cover is defined as land which supports vegetation of > 2 inches throughout).

DO NOT apply within 60 feet of estuarine bodies of water. Estuarine water bodies are brackish, tidal water such as bays, mouths of rivers, salt marshes, and lagoons.

This product is toxic to birds, fish, and aquatic invertebrates. **DO NOT** apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Care must be taken to avoid runoff. **DO NOT** contaminate water by disposal of wastes.

Physical or Chemical Hazards

Contents under pressure. DO NOT use or store near heat or open flame. **DO NOT** puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. This product contains a flammable propellant. Avoid drilling in areas near electrical wiring, plumbing, communication lines, etc. **DO NOT** apply directly into any electronic equipment such as radios, televisions, computers, etc. **DO NOT** apply where electrical short circuits might result, such as in wall outlets, conduits, motors, switches, etc. Product should only be used when can temperature is above 60°F. If can temperature is below 60°F, store at room temperature until a can temperature above 60°F is reached.

Directions For Use

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

SHAKE WELL BEFORE USING!

Use Restrictions

- **DO NOT** use this product for termite control indoors, except for label-specified applications for termite control.
- **DO NOT** use on animal trophies or animal skins.
- **DO NOT** contaminate food, feedstuffs, or water supply. **DO NOT** contaminate food preparation surfaces, kitchen utensils, dishes, or food storage containers.

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal.

Pesticide Storage

Store in a cool area away from heat or open flame.

Pesticide Disposal

Wastes resulting from the use of this product may be disposed of on-site or at an approved waste disposal facility. If these wastes cannot be disposed of according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representatives at the nearest EPA Regional Office for guidance.

Container Handling

DO NOT puncture or incinerate! Empty container by using the product according to the label directions.

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

If partly filled: Contact your local solid waste agency for disposal instructions.

In Case of Emergency

In case of large-scale spill of this product, call:

- CHEMTREC 1-800-424-9300
- BASF 1-800-832-HELP (4357)

In case of medical emergency regarding this product, call:

- Your local doctor for immediate treatment
- Your local poison control center (hospital)
- BASF 1-800-832-HELP (4357)

Product Information

This product is a ready-to-use insecticide formulation. When dispensed, the formulation rapidly expands generating a dry foam with an expansion ratio of approximately 30:1, with 1 ounce (weight) of product being dispensed in approximately 5 seconds producing about 1 quart of foam. This product can be used to control insects where they are found or suspected; in nests, galleries, harborages, and voids. This product can be applied in and around commercial and residential structures as well as structural and non-structural elements that are subject to attack by, or provide harborage to, insects. Applications can be made from the interior and/or exterior. Drilling of hole(s) may be required to access galleries or harborages. Treatment of insect harborages associated with trees, shrubs, utility poles, fences, bridges, landscape timbers, under slabs or other non-structural elements is permitted.

Application Instructions

Use only with a BASF Agricultural Solutions US LLC (hereafter “BASF”) approved actuator. Remove the outer cap and snap the actuator into place. Remove the finger pad cover. After using, replace the finger pad cover. When the can is empty, remove the actuator from the can and use it on another can.

Treatment of Insect Galleries, Harborages, or Voids

Use adequate foam to treat the known or suspected insect harborages. After applying, hold the injector tip in place for approximately 8 seconds to allow the product within the injector tube to dispense into the treatment area.

Drilling hole(s) may be required to gain access to the known or suspected gallery, haborage or void. Drill hole(s) at 1 or more locations along the gallery, haborage, or void to adequately treat. Use of a moisture meter may aid in determining the spread of a treatment. All drill holes in commonly occupied areas into which product is applied must be plugged. Fill the hole with appropriate putty or other suitable material.

This product can be used as a localized treatment for the control of existing infestations of subterranean termites and other wood destroying insects as a supplemental treatment in a structural protection program. This treatment is intended for localized wood destroying insect infestations only. The purpose of such applications is to kill wood destroying insects which may be present in the treated channels at the time of treatment. Such applications are intended as supplemental treatments to, but not a substitute for, mechanical alteration, soil treatment, or foundation treatment. It should not be used as a stand-alone treatment for structural protection.

Reapplication interval: This product may be applied to previously treated sites if activity is found 30 days after previous application.

Wood Destroying Pest Treatments - Indoors

Termites including Arboreal, Dampwood (*Zootermopsis*), Drywood, and Subterranean (*Coptotermes*, *Reticulitermes*, and *Heterotermes*)

Use in areas where termites are known or suspected. Apply product to termite galleries, channels, damaged wood, harborages between structural elements or within construction voids.

Locations for indoor treatment may include areas associated with unexposed wooden elements inside wall voids, in and around bath traps, shower voids, pipe chases, utility penetrations, and other probable sites of termite entry or haborage.

Other Wood Destroying Pests including Old House Borer, Powder Post Beetle, and Wharf Borer

Locations for treatment may include areas associated with exposed, non-sealed wooden elements in areas such as crawl spaces, attics, unexposed wooden elements inside walls, galleries, or other harborages.

Wood Destroying Pest Treatments - Outdoors

Locations for outdoor treatments may include exterior wooden elements associated with bridges, decks, fencing, landscape timbers, wooden retaining walls, tree voids, siding, channels in damaged wood, in spaces between wooden elements of a structure, junctions between wood and foundations and voids associated with buildings. This product can be used to treat piers of homes, patios, decks, or other structures if they are not directly above water. This product can be used to treat areas associated with bridges not directly above water. Above ground termite colonies or termites that do not require ground contact may be treated when located above water if treatment is done by drilling and injecting directly into the wood/insect gallery. All drill holes that are exposed to precipitation must be plugged. Fill the hole with appropriate putty or other suitable material. Applications may be made to wooden surfaces or in cracks where water or moisture are not present or could enter. When residual product is present on an exposed surface, it must be removed so that there is no product left in the treatment area. **DO NOT** allow this product to contaminate or come into contact with surface waters through application or drift. **DO NOT** apply this product in or on boats. **DO NOT** apply in any area during precipitation or under any conditions that would allow runoff or movement from the treatment site. **DO NOT** apply to soil that is water saturated or frozen.

Application to exposed subterranean termite tunnels (i.e. shelter tubes) may be made to outdoor residential and commercial areas. Break open a section of the shelter tube and apply directly over the exposed area. Apply a sufficient amount of foam to cover the exposed area and to a distance of approximately 2 inches in each direction over the shelter tube itself.

Outdoor applications must be limited to small spot treatments only. **DO NOT** apply to any impervious surfaces. **DO NOT** make direct applications or any applications to the ground within the drip line of any trees or shrubs used for growing fruits, nuts, vegetables, or other foods.

Carpenter Ants and Termites Harboring in Fences, Shrubs, Slabs, Stumps, Trees, and Utility Poles

Drill hole(s) in areas of suspected termite or ant activity. It may be necessary to drill multiple holes around the circumference of the tree, shrub, stump, or utility pole and at varying heights to adequately treat the nest or gallery system. When treating below slabs, drill hole(s) through the slab where termites or carpenter ants are active or suspected and inject foam. For fences, treat exposed surfaces where termites or ants are active (foam must dissipate or be removed prior to leaving area) and/or drill wooden members where termites or ants are active or suspected and inject foam.

Foraging Carpenter Ants

Inject foam into galleries, cavities, harborages, or structural voids. Treat harborages or ant trails outdoors associated with trees, shrubs, decks, fences, or other non-structural elements. Foam up to a 6 inch length of the trail. Foam

must dissipate or be removed before the applicator leaves the area.

Exterior Perimeter/Localized Interior (EP/LI)

Termites including Arboreal, Dampwood (*Zootermopsis*), and Subterranean (*Coptotermes*, *Reticulitermes*, and *Heterotermes*)

This product can be used as a preventative or curative interior structural void treatment for subterranean termites when applied in conjunction with an Exterior Perimeter/Localized Interior (EP/LI) termiticide treatment with

Termidor® SC Termiticide/Insecticide, **Termidor® 80 WG Termiticide/Insecticide**, or other Termidor product labeled for EP/LI application and approved by BASF. Targeted interior application(s) may be made to vulnerable areas such as voids associated with plumbing/utility lines penetrating floors, bath and/or shower voids, expansion joints and/or settlement cracks, wall voids, and other voids of probable, potential, or known termite entry.

When used to treat known or suspected localized interior termite infestation(s), this product can be used in lieu of selected localized interior treatment(s) with **Termidor SC**, **Termidor 80 WG**, or other **Termidor** product approved by BASF. Targeted interior application(s) may be made to vulnerable areas such as voids associated with plumbing/utility lines penetrating floors, bath and/or shower voids, expansion joints and/or settlement cracks, wall voids, and other voids of probable or potential termite entry.

This application is only intended for localized areas of existing or potential termite activity and must not be applied to indoor surfaces for the purposes of general pest control. This product is not a substitute for soil applied termiticide treatment(s) beneath slabs or foundations.

Non-wood Destroying Pest Treatments

Crawling Pests including Ants (excluding Fire, Harvester, Leaf Cutter, and Pharaoh)

Treat voids where these pests enter, hide, or harbor. Immediately wipe up any product on exposed surfaces.

Food/feed Handling Establishments

Applications are permitted in non-food/feed areas of food/feed handling establishments as a void or exterior spot treatment. **DO NOT** apply to voids in any equipment or machinery used in the storage, processing, or preparation of food.

For Wood Destroying Pests: Treat voids, from the exterior or interior, where these pests enter, hide, or harbor. Immediately wipe up any product on an exposed surface.

Food/feed handling establishments are defined as places other than private residences in which exposed food/feed is held, processed, prepared, or served. Food/feed areas are areas for receiving, storing, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups) of food. Serving areas where food is exposed and the facility is in operation are also considered food areas.

Non-food/feed areas include areas such as garbage rooms, lavatories, entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage areas (after packaging, canning or bottling).

Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as environmental conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF Agricultural Solutions US LLC ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer. BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW: (A) BASF MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY, (B) BUYER'S EXCLUSIVE REMEDY AND BASF'S AND SELLER'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT, AND (C) BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.** BASF and the Seller offer this product, and the Buyer and User accept it, subject to these **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

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Termidor and the  symbol are registered trademarks of BASF.

Contains no CFCs or other ozone depleting substances.
Federal regulations prohibit CFC propellants in aerosols.



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000499-00563.20240927.**NVA 2024-04-0468-0241**
Based on: NVA 2016-04-468-0022
Supersedes: NVA 2016-04-468-0104

BASF Agricultural Solutions US LLC
2 TW Alexander Drive
Research Triangle Park, NC 27713

 **BASF**
We create chemistry

Trelona[®] ATBS

Annual Bait Stations

- For use by individuals/firms licensed or registered by the state to apply termiticide products. States may have more restrictive requirements regarding qualifications of persons using this product. Consult the structural pest control regulatory agency of your state prior to use of this product with questions you may have.
- A termite bait that may be used in an integrated management program for the protection of structures against subterranean termites.

ACTIVE INGREDIENT:

Novaluron: 1-[3-chloro-4-(1,1,2-trifluoro-2-trifluoro-methoxyethoxy)phenyl]-3-(2,6-difluorobenzoyl) urea 0.50%

OTHER INGREDIENTS: 99.50%

TOTAL: 100.00%

Contains 0.5 grams of novaluron per 100 grams of formulation
U.S. Patent No. 8,720,108

EPA Reg. No. 499-557

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

Refer to full label for **First Aid, Precautionary Statements, Directions For Use, Conditions of Sale and Warranty**, and state-specific use site restrictions.

**In case of an emergency endangering life or property involving this product,
call day or night 1-800-832-HELP (4357).**

NET WEIGHT:

FIRST AID	
If in eyes	• Hold eyes 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. • 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. For non-emergency general information on this pesticide product (including health concerns or pesticide incidents), you may call 1-800-832-HELP (4357), 24 hours per day, 7 days per week.	

Precautionary Statements

Hazards to Humans and Domestic Animals

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

Environmental Hazards

The active ingredient in this product is extremely toxic to aquatic invertebrates. **DO NOT** place in any area where, because of the movement of water, it could be washed into a body of water containing aquatic life, such as ponds or streams.

Directions For Use

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

Read the **Use Directions** carefully before using this product. This product is part of a termite baiting system and is intended for use in BASF Agricultural Solutions US LLC (hereafter "BASF") approved bait stations which may be purchased from most professional pest control product distributors. Use of this bait in any other type of station or system not approved by BASF is prohibited. Call 1-800-777-8570 for assistance in using this product or any other components of the termite baiting system.

When inspected and replenished per label **Use Directions**, this product provides on-going structural protection through colony elimination; however, conditions or circumstances beyond the control of the user (competing insects, flooding events, cold weather, presence of alternative food sources, etc.) may alter the time needed to achieve structural protection.

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal.

Pesticide Storage

Store in a cool, dry (preferably locked) area, in a place that is inaccessible to children and animals.

Pesticide Disposal

Product not disposed of by use according to label directions should be wrapped in paper and placed in a trash can. If these wastes cannot be disposed of according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Handling

Nonrefillable container. DO NOT reuse or refill this container. Offer for recycling if available. If recycling is not available, place container in trash.

In Case of Emergency

In case of large-scale spill of this product, call:

- CHEMTREC 1-800-424-9300
- BASF 1-800-832-HELP (4357)

In case of medical emergency regarding this product, call:

- Your local doctor for immediate treatment
- Your local poison control center (hospital)
- BASF 1-800-832-HELP (4357)

Station Installation

Install stations around a structure such that, except where sufficient access to the ground is not available, the maximum interval between any two stations does not exceed 20 feet. If the distance between 2 points of accessible ground around the structure exceeds 30 feet, it may be advisable to form 1 or more openings in the inaccessible surface to facilitate baiting between the accessible areas.

To install a station, excavate a hole in the ground approximately the same size and dimensions as those of the station. Insert the station and maximize contact between the exterior of the station and the soil. This will increase the probability of termite entrance into the station. If the station is inserted into an opening created through a hardened construction surface (such as concrete, asphalt, etc.), insert station below the surface (in contact with the ground) and seal securely.

Install stations within approximately 5 feet of points of known, probable, or suspected termite foraging activity and in other areas that provide conditions conducive to termite activity. Such areas may include concentrations of cellulose-containing debris in contact with the ground, such as mulch, wood scraps, areas of moderate soil moisture, shaded areas, areas containing plant root systems, bath traps, visible termite foraging tubes, or other evidence of termite activity or conducive conditions. Relocate or modify the station location to prevent water from collecting in the station by, for example, creating a sump area under the installed station or at the bottom of the cavity. If termites have permanently abandoned the station due to excessive moisture, remove the saturated bait and re-bait the station with fresh bait at that time or after the excess moisture condition has abated.

If the structure has an accessible crawl space, stations can be installed in the crawl space in lieu of or in addition to installing stations around the structure; however, either the interior or the exterior of the crawl space must contain a complete set of stations, as defined by this label. Stations can be installed within a slab structure in existing or created openings in the slab surface through which ground is accessible and into which the station can be installed in a secure manner.

Once termite activity has occurred at a station and bait consumption has begun, it may be advisable, depending on the rate of bait consumption in that station and nearby stations, to install 1 or more supplemental stations in the immediate vicinity (up to 5 feet) of the infested station(s) in order that bait consumption by the colony be maximized.

Use Directions

Pre-construction Use

In Florida, for use as a stand-alone preventative treatment for new construction, use two 124 gram cartridges in every bait station around structure.

This product can be used for preventative treatment (before signs of infestation) of new structures (as a substitute for, and in lieu of, pre-construction soil treatment). Place stations around the outside of the structure only after the final exterior grade is established (and preferably after landscaping is completed).

Post-construction Use

This product can be used for remedial treatment of infested existing structures or for preventative treatment (before signs of infestation) of existing structures.

Pre-baiting

Pre-baiting is a process by which termite activity is established at a location prior to the application of bait at that location. Use BASF approved pre-bait to establish activity in the station. Inspect pre-baited stations every 120 days. Inspections cannot take place more than 30 days beyond the required interval unless cold temperatures persist (average daily mean exterior air temperature below 50°F). Termite feeding activity is typically reduced under low temperature conditions making it difficult to accurately assess termite activity. The operator should always make allowances for local circumstances when considering increasing elapsed time between inspections. If there is termite activity in a pre-baited station, make bait continuously available for colony consumption by removing the pre-bait and placing this product in the station. Refer to **Table 1. Baiting Inspection Intervals** for details.

Direct Baiting

This product can be placed in stations at any time prior to termite activity (direct baiting), with or without the presence of termites. Refer to **Table 1. Baiting Inspection Intervals** for details.

Table 1. Baiting Inspection Intervals

Inspection Interval	Cartridges Required
120 Days*	One 124 gram cartridge
Annual	Every bait station must contain: Two 124 gram cartridges

Inspection intervals must comply with state regulations where applicable.

Shorter inspection intervals may be warranted if termite activity indicates complete consumption of the bait in a station before the scheduled inspection.

Inspections cannot take place more than 30 days beyond the required interval unless cold temperatures persist (average daily mean exterior air temperature below 50°F). Termite feeding activity is typically reduced under low temperature conditions making it difficult to accurately assess termite activity. The operator should always make allowances for local circumstances when considering increasing elapsed time between inspections.

- **DO NOT** allow more than 6 months to pass between inspections for the 120 day inspection interval.
- **DO NOT** allow more than 15 months to pass between inspections for the annual inspection interval.

* After feeding has stopped, and there has been no activity for one year, inspect the stations every 6 months.

Inspecting Stations and Replacing Bait

To inspect a station, remove the cover and visually examine the cartridges for the presence of termites, being careful to minimize disturbance in the case that termites are present. If it appears that >1/3 of a bait cartridge in the station has been consumed, replace that cartridge with a new cartridge. If termites are not present, inspect bait for excessive decay. Replace excessively decayed bait and securely close the station cover.

Transitioning from 120 Day to Annual Inspection Interval in Baited Stations

Alternatively, baited stations on a 120 day inspection interval may be switched to an annual inspection interval if all contents are removed from the stations and replaced with two **Trelona® Compressed Termite Bait** cartridges. All stations around the structure must contain two **Trelona Compressed Termite Bait** cartridges or the inspection period cannot exceed 120 days. Inspection of bait treatments made with this product must be done according to the inspection intervals listed in **Table 1. Baiting Inspection Intervals**.

Non-structure Spot Treatment

This product can also be applied or used as a spot treatment in areas not associated with structures or buildings, such as around trees, wood piles, landscaping elements, railroad track beds, at the edge of property lines and other areas where termite activity is known or suspected. Such treatments may be made alone or in combination with an additional method of termiticide treatment. To provide a non-structure spot treatment, install one or more bait station(s) in the soil at or near points of known or suspected termite activity. Non-structure spot treatment baiting may be discontinued at any time at the discretion of the applicator. Inspection of bait treatments made with this product must be done according to the inspection intervals listed in **Table 1. Baiting Inspection Intervals**.

Supplemental Treatments

If a soil-applied liquid or granular termiticide treatment is performed in conjunction with installation of the bait system, **DO NOT** treat the area where stations are installed (preferably not within 2 feet of stations). Because the use of bait may be a multi-step process, localized treatment using soil applied termiticide to the structure infested with active termites at the time of baiting may provide more immediate control of termites in those parts of the structure. Preventative spot treatments to critical areas of soil or wood may be performed in conjunction with station installation. **DO NOT** treat directly on top of installed stations with a repellent insecticide during routine general pest or perimeter applications.

This product can be applied or used as a supplemental treatment in, underneath, and around structures or buildings to kill termites in support of or as a supplement to a termiticide product labeled for and applied as a stand-alone termiticide treatment. This includes pre- and post-construction soil termiticide treatments labeled for providing structural protection. This product may also be used in combination with an additional termiticide treatment as a supplemental treatment in areas not associated with structures or buildings, such as around trees, wood piles, landscaping elements, railroad track beds, and other areas where termite activity is known or suspected. Inspection of bait treatments made with this product must be done according to the inspection intervals listed in **Table 1. Baiting Inspection Intervals**.

Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as environmental conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF Agricultural Solutions US LLC ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer. BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above. **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW: (A) BASF MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY, (B) BUYER'S EXCLUSIVE REMEDY AND BASF'S AND SELLER'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT, AND (C) BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.** BASF and the Seller offer this product, and the Buyer and User accept it, subject to these **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

PCS915

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000499-00557.20241112.**NVA 2024-04-0466-0374**

Based on: NVA 2019-04-466-0079

Supersedes: NVA 2020-04-466-0013

BASF Agricultural Solutions US LLC
2 TW Alexander Drive
Research Triangle Park, NC 27713


We create chemistry



Specimen Label

- Kills Roaches Where They Hide
- Highly Palatable Bait Matrix
- Contains NyGuard® IGR
- Dual Modes-of-Action—IGR & Insecticide/Adulticide

ACTIVE INGREDIENTS:

Clothianidin	0.50%
Pyriproxyfen	0.50%
OTHER INGREDIENTS	99.00%
	100.00%



KEEP OUT OF REACH OF CHILDREN
See inside for first aid and precautionary statements.

Vendetta Nitro® Cockroach Gel Bait Effectively Kills Cockroaches.

DIRECTIONS FOR USE

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

USE RESTRICTIONS:

- Do not apply to humans, animals, clothing, or bedding.
- Do not contaminate feed or food products, or food preparation surfaces, dishes, kitchen utensils or food containers.
- Do not use residual or insecticide sprays on or near gel Vendetta Nitro Cockroach Gel Bait.
- DO NOT APPLY ANY BAIT IN COCKPIT AREAS OF AIRCRAFT.
- Use only in areas not easily accessible to children, pets, and other non-target organisms.
- Only for spot and crack and crevice application.
- Do not apply bait in areas where repellent insecticides have been or will be used in the future without thoroughly washing the surface.
- Do not apply bait to areas where food utensils or food preparation surfaces may become contaminated.
- Do not treat food preparation surfaces.
- Do not deposit gel onto exposed surfaces.
- Do not place bait in locations that are routinely washed, as bait will be removed by washing.

USE DIRECTIONS:

This product is for use as a spot or crack and crevice treatment for the indoor control of cockroaches in residential areas (only in areas inaccessible to children and pets) and both food/feed and non-food/non-feed areas of institutional, warehousing, and commercial establishments, including warehouses, restaurants and other food handling establishments, food processing and meat packing plants, food area storage areas, supermarkets, apartments, hospitals, nursing homes, health care facilities, motels, hotels, schools, daycare centers, correctional facilities, military installations, garages, laboratories, computer and electronic equipment facilities, basements, buses, boats/ships, aircraft, trains, pet shops, and zoos and sub-surface utility systems (steam/electric/gas/data tunnels, drainage systems and sanitary sewers) that are not storm or runoff drainage systems.

Non-food/non-feed areas are 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).

Food/feed areas include areas for receiving storage, packing (canning, bottling, wrapping, and boxing), preparing edible waste storage, and enclosed processing systems (mills, dairies, edible oils, and syrups). Serving areas are also considered a food/feed area when food is exposed and facility is in operation.

For Household Use – In closets, basements, attics, recreation rooms, living areas, kitchens, bathrooms, dining rooms, pantries, food storage shelving, waste receptacles, etc.

Do not apply gel onto exposed surfaces. If gel contacts an exposed surface, remove gel and wash exposed surfaces. During follow-up visits, inspect bait placements and re-apply when necessary.

Avoid contact with textiles and clothing, as bait may stain.

Avoid placing gel on fabrics or carpets since it may stain some absorbent materials. To prevent staining, exposed bait should be cleaned up immediately with a damp cloth or sponge.

Vendetta Nitro Cockroach Gel Bait is for use in controlling roaches indoors and outdoors (adjacent to structures). The pre-filled plastic reservoir containing Vendetta Nitro Cockroach Gel Bait is intended for use with bait injector application devices common to the pest control industry. Inject into cracks and crevices, void spaces, and other locations where insects may harbor, live and breed. Concentrate the bait placements as individual spots at cockroach harborages (only in areas inaccessible to children and pets).

APPLICATION RATES:

Application rates will vary depending on the severity of the infestation and the target species of cockroach. For maintenance apply 0.25 to 0.50 grams of bait per 100 sq. ft. of treatment areas. For light infestations, apply 1 to 3 grams of bait per 100 sq. ft. of treatment area. For heavy infestations, apply 6 to 12 grams of bait per 100 sq. ft. of treatment areas. Each bait bead should equal about 0.008 to 0.032 grams of product. A spot approximately 1 mm in diameter equals 0.008 grams of product, while a spot approximately 4 mm in diameter equals 0.032 grams of product. Bead sizes and shapes can vary, but must remain within the specified grams per 100 square feet. To better facilitate bait consumption, distribute total bait amount into as many beads as possible.

SPECIFIED BEAD SIZES:



BAIT WEIGHT:

Approximate weight per bead diameter
4 mm bead = 0.032 grams
3 mm bead = 0.025 grams
2 mm bead = 0.016 grams
1 mm bead = 0.008 grams

APPLICATION RATES:

Application type	Specified grams of bait per 100 sq. ft.
Maintenance	0.25 - 0.50 grams
Light	1 - 3 grams
Heavy or clean out	6 - 12 grams

TO APPLY GEL:

1. Remove the cap from the nozzle, touch the top to the surface to be treated, and push down on the plunger. Apply bait as spots in cracks and crevices. Recap the dispenser after treatment is completed.
2. Store in a cool, dry place.
3. Do not apply gel to areas that have been recently sprayed with insecticide, and do not spray insecticide over gel, as this reduces bait palatability.
4. The bait will adhere to non-greasy or non-dusty surfaces.
5. A visual inspection of bait placements is recommended 2 to 4 weeks after the initial treatment. Reapply when bait is no longer visibly present, according to the level of infestation. Replace bait before it is completely consumed to keep roaches returning.

APPLICATIONS IN AIRCRAFT:

DO NOT APPLY ANY BAIT IN COCKPIT AREAS OF AIRCRAFT. Application within passenger areas of aircraft is limited to crack and crevice treatment only. Apply Vendetta Nitro Cockroach Gel Bait in areas between elements of construction (such as areas under sinks, openings around pipes, under shelving, where shelving meets other shelves or the wall, areas between and around microwaves, where support braces attach to the main structure, and where seats are attached to the floor). Use 6 to 12 grams of bait per 100 sq. ft.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear long-sleeved shirt and long pants, socks and shoes. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

ENVIRONMENTAL HAZARDS:

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.

PHYSICAL OR CHEMICAL HAZARDS:

Do not apply this product in or around electrical equipment due to the possibility of shock hazard.

KEEP OUT OF REACH OF CHILDREN

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For information regarding medical emergencies or pesticide incidents, call 1-888-740-8712.

STORAGE AND DISPOSAL

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

STORAGE:

Store in a cool, dry place. Always store pesticides in the original container. Store away from food and pet food.

PESTICIDE DISPOSAL AND CONTAINER HANDLING:

Non-refillable container. Do not reuse or refill this container.

If empty: 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.



EPA Reg. No. 1021-2796
EPA Est. No. 1021-MN-2
Rev. 1019-1119



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7325 Aspen Lane North, Minneapolis MN 55428



ABAMECTIN	GROUP	6	INSECTICIDE
PYRIPROXYFEN	GROUP	7C	INSECTICIDE

Specimen Label

- Kills German Cockroaches where they hide
- Effective on both averse and non-averse German Cockroach populations
- Breaks the life cycle of German Cockroaches
- Contains NyGuard® IGR
- Reduces the population by preventing reproduction
- For use in commercial, industrial and residential areas
- Relief from even severe German Cockroach infestations
- Effective, clean and easy to use

KEEP OUT OF REACH OF CHILDREN CAUTION

See inside for first aid and precautionary statements.

ACTIVE INGREDIENTS:

Abamectin B10.05%

Pyriproxyfen0.50%

OTHER INGREDIENTS99.45%

100.00%

For Use In and Around: Commercial, Industrial, and Residential Buildings including Apartments, Garages, Food Storage Areas, Homes, Hospitals and Nursing Homes, Hotels, Meat Packing and Food Processing Plants, Motels, Restaurants and other Food Handling Establishments, Schools, Supermarkets, Transportation Equipment (Buses, Boats, Ships, Trains and Aircraft), and Warehouses.

VENDETTA® Plus Cockroach Gel Bait effectively kills German cockroaches and helps prevent reproduction through the effects of the insect growth regulator including inhibited development of nymphs and reproductive adults, sterility of adults, reduced insect fitness, behavioral changes, reduced egg production, deformed insects (twisted wings) and death.

For Household Use: In closets, basements, attics, recreation rooms, living areas, kitchens, bathrooms, dining rooms, pantries, food storage shelving, waste receptacles, etc.

DIRECTIONS FOR USE

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

USE RESTRICTIONS:

- Do not apply to humans, animals, clothing, or bedding.
- Do not contaminate feed or food products, or food preparation surfaces, dishes, kitchen utensils or food containers.
- Do not use residual insecticide sprays on or near Vendetta Plus Cockroach Gel Bait.
- DO NOT APPLY ANY BAIT IN COCKPIT AREAS OF AIRCRAFT.

PESTICIDE RESISTANCE MANAGEMENT

Vendetta Plus Cockroach Gel Bait contains Group 6 and Group 7C insecticides. Any insect population may contain individuals naturally resistant to Vendetta Plus Cockroach Gel Bait and other Group 6 and 7C insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same use sites. Appropriate resistance management strategies should be followed.

To delay insecticide resistance consider:

- Avoiding the consecutive use of Vendetta Plus Cockroach Gel Bait or other Group 6 and 7C insecticides that have a similar target site of action, on the same insect species.
- Basing insecticide use on a comprehensive IPM program.
- Monitoring treated insect population for loss of field efficacy.
- Contacting your local extension specialist, and/or manufacturer for insecticide resistance management and/or IPM recommendations for the specific site and resistance pest problem.

GENERAL USE DIRECTIONS:

This product is for use only as a spot or crack and crevice treatment for the indoor control of German Cockroaches in residential areas (only in areas inaccessible to children and pets) and both food/feed and non-food/non-feed areas of institutional, warehousing, and commercial establishments, including warehouses, restaurants, food processing plants, supermarkets, hospitals, nursing homes, motels, hotels, schools, laboratories, computer facilities, buses, boats/ships, aircraft, trains, pet shops, and zoos.

Non-food/non-feed areas are 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).

Food/feed areas include areas for receiving storage, packing (canning, bottling, wrapping, and boxing), preparing edible waste storage, and enclosed processing systems (mills, dairies, edible oils, and syrups). Serving areas are also considered a food/feed area when food is exposed and facility is in operation.

Do not apply bait to areas where food utensils or food preparation surfaces may become contaminated. Care should be taken to avoid depositing gel onto exposed surfaces. If gel contacts an exposed surface, remove gel and wash exposed surfaces. During follow-up visits, inspect bait placements and re-apply when necessary.

Do not place bait in locations that are routinely washed, as bait will be removed by washing. Do not place treatments in locations where routine cleansing operations may transfer diluted bait to food or food preparation surfaces. Do not treat food preparation surfaces. Do not use this product in or on electrical equipment where a possibility of shock hazard exists. Avoid contact with textiles and clothing, as bait may stain.

Avoid placing gel on fabrics or carpets since it may stain some absorbent materials. To prevent staining, exposed bait should be cleaned up immediately with a damp cloth or sponge.

Vendetta Plus Cockroach Gel Bait is for use in controlling German Cockroaches indoors. The pre-filled plastic reservoir containing Vendetta Plus Cockroach Gel Bait is intended for use with bait injector application devices common to the pest control industry. Inject into cracks and crevices, void spaces, and other locations where insects may harbor, live and breed. Concentrate the bait placements as individual spots at insect activity sites (only in areas inaccessible to children and pets).

APPLICATION RATES:

For light infestations of German Cockroaches, 4 – 6 bait points are recommended per 100 sq. ft. of treatment area. For heavy infestations of German Cockroaches, 12 – 24 bait points are recommended per 100 sq. ft. of treatment areas. Each bait point should equal about 0.25 to 0.50 grams of product. A spot approximately 3 mm or 1/8 inch in diameter equals 0.25 grams of product, while a spot approximately 6 mm or 1/4 inch in diameter equals 0.50 grams of product.

TO APPLY GEL:

1. Remove the cap from the nozzle, touch the top to the surface to be treated, and push down on the plunger. Apply bait as spots in cracks and crevices. Recap the dispenser after treatment is completed.
2. Store in a cool, dry place.
3. Do not apply gel to areas that have been recently sprayed with insecticide, and do not spray insecticide over gel, as this may cause the bait to become repellent.
4. The bait will adhere to non-greasy or non-dusty surfaces and will remain pliable and palatable to German Cockroaches as long as it is visibly present.
5. A visual inspection of bait placements is recommended at one month after the initial treatment. Reapply when bait is no longer visibly present, according to the level of infestation. Replace bait before it is completely consumed to keep German Cockroaches returning.

APPLICATIONS IN AIRCRAFT:

DO NOT APPLY ANY BAIT IN COCKPIT AREAS OF AIRCRAFT. Application within passenger areas of aircraft is limited to crack and crevice treatment only. Apply Vendetta Plus Cockroach Gel Bait in areas between elements of construction (such as areas under sinks, openings around pipes, under shelving, where shelving meets other shelves or the wall, areas between and around microwaves, where support braces attach to the main structure and where seats are attached to the floor). Use 12 – 24 bait placements per 100 sq. ft.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear long-sleeved shirt and long pants, socks, shoes, and waterproof gloves. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

ENVIRONMENTAL HAZARDS:

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.

PHYSICAL OR CHEMICAL HAZARDS:

Do not apply this product around electrical equipment due to the possibility of shock hazard.

FIRST AID

IF ON SKIN OR CLOTHING:

- 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.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. For information regarding medical emergencies or pesticide incidents, call 1-888-740-8712.

STORAGE AND DISPOSAL

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

STORAGE:

Store in a cool, dry place. Always store pesticides in the original container. Store away from food and pet food.

PESTICIDE DISPOSAL AND CONTAINER HANDLING:

Non-refillable container. Do not reuse or refill this container.

If empty: 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.



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