

SPECIMEN

# PT<sup>®</sup> Alpine<sup>®</sup> Foam

## Ready-to-Use Insecticide

**KILLS:** Termites\* (including subterranean and drywood), Wood Destroying Insects (Powder Post Beetles, Old House Borer, Wharf Borer), Ants (Including: Argentine, *foraging* Carpenter, Ghost, Pharaoh, White Footed; Excluding: Fire and Harvester), Asian Lady Bugs, Boxelder Bugs, Cluster Flies, Elm Leaf Beetles

**FOR USE IN AND AROUND STRUCTURES AND OUTDOORS:** Apartments, Food/Feed Handling Establishments, Homes, Hotels, Hospitals and Nursing Homes (Non-patient Areas), Motels, Restaurants, Hobby Greenhouses, Interiorscapes, Office Buildings, Schools\*\*, Transportation Equipment (Buses, Boats, Ships, Trains, Planes†), 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.

† **DO NOT** use in aircraft cabins.

**ACTIVE INGREDIENT:**

Dinotefuran, N-methyl-N'-nitro-N-[(tetrahydro-3-furanyl)methyl]guanidine: . . . . . 0.025%

**OTHER INGREDIENTS:** . . . . . 99.975%

**TOTAL:** . . . . . 100.000%

EPA Reg. No. 499-526

EPA Est. No.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**NET CONTENTS:**

BASF Corporation  
26 Davis Drive  
Research Triangle Park, NC 27709

 **BASF**  
We create chemistry

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## PRECAUTIONARY STATEMENTS

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### 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.

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.

### 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 temperature above 60°F is reached.

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## DIRECTIONS FOR USE

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

**SHAKE WELL BEFORE USING**

## USE RESTRICTIONS

- Kills pests on contact. Pest must be directly contacted at time of application in order to be effective.
- For termite control, this product is not a substitute for mechanical alteration, soil or foundation treatment.
- **DO NOT** apply in aircraft cabins.
- **DO NOT** apply to classrooms when in use. **DO NOT** apply to institutions (including daycare, libraries, sport facilities, etc.), in the immediate area, when occupants are present.

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## PRODUCT INFORMATION

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This product is a ready-to-use insecticide formulation containing dinotefuran. When dispensed, the formulation rapidly expands generating a dry foam with an expansion ratio of approx. 30:1, with 1 oz (weight; approx. 5 sec) of product producing approx. 1 qt of foam. Use only with the supplied injector and injection tip(s). Once the actuator has been released, hold the injector tip in place for approx. 8 sec to allow the product within the injector tube to disperse into the treatment area. This product can be used to control insects where they are found or are suspected; in nests, galleries and harborages. This product may be applied in and around commercial and residential structures as well as non-structural elements that are subject to attack by, or provide harborage to, listed pests. Reapply as necessary. Applications may be made from the interior and/or exterior. Adequately treat the area by filling the crack and crevice or insect harborage, or making a spot treatment to the exposed surface. Avoid contact with treated surfaces until dry. Drilling of hole(s) may be required to access galleries or harborages. Treatment of insect harborages associated with trees, shrubs, utility poles, fences, under slabs or other non-structural elements is permitted.

This product may be used as a localized treatment for the control of existing infestations of subterranean termites and other wood destroying insects. Application may be made prior to, in conjunction with or after a stand-alone treatment. **DO NOT** use this product as a stand-alone treatment for active structural infestations by subterranean termites.

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

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## APPLICATION DIRECTIONS

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**TREATMENT OF INSECT GALLERY OR HARBORAGE:** Use adequate foam to treat the known or suspected insect harborage.

**CRACK & CREVICE® TREATMENT:** Adequately treat the area by filling the crack and crevice at or near point of infestation.

**SPOT TREATMENT:** For exposed surfaces, make a spot treatment by wetting the surface area not to exceed 2 ft<sup>2</sup> for each spot of application. Allow foam to dissipate or wipe surface dry before leaving site.

## WOOD DESTROYING INSECT TREATMENTS

**TERMITES [SUBTERRANEAN (Coptotermes, Reticulitermes, Heterotermes and Zootermopsis) AND DRYWOOD]:** Locations for indoor treatment may include areas associated with exposed wooden elements in areas such as crawlspaces, attics, unexposed wooden elements inside walls or other harborages. Locations for outdoor treatments may include exterior wooden elements such as decks, fencing, landscape timbers, wooden retaining walls, siding, channels in damaged wood, in spaces between wooden elements of a structure, and junctions between wood and foundations. Apply product to termite galleries, channels, damaged wood, harborages between structural elements or within the construction, exposed surfaces, within trees, shrubs, utility poles, stumps, under slabs and in or on fences. Detection through the use of K9 or other detection devices such as mechanical sounding techniques, listening devices (e.g. stethoscopes, acoustic emission detectors), imaging devices (e.g. x-ray devices, infrared cameras) or movement detection equipment (e.g., microwave detectors) can aid in identifying galleries and tunnels within wooden elements.

Drilling hole(s) may be required to gain access to the known or suspected gallery or harorage. Drill hole(s) at 1 or more locations along the gallery to adequately treat. Use of a moisture meter may aid in determining the spread of a treatment. Application to exposed subterranean termite tunnels (i.e. mud tubes) may be made in residential and commercial areas. Break open a section of the mud tube and apply directly over the exposed area. Apply a sufficient amount of foam to cover the exposed area and to a distance of approx. 2" in each direction over the mud tube itself.

This treatment is intended for localized termite infestations only. The purpose of such applications is to kill workers or winged reproductive forms which may be present in the treated channels at the time of treatment. Such applications are not a substitute for mechanical alteration, soil treatment, or foundation treatment but are merely a supplement. For active termite infestations, get a professional inspection.

**FORAGING CARPENTER ANTS:** Inject foam into insect tunnels, cavities and/or harborages. Treat points of entry or exit from harborages such as around doors and windows. Treatment of harborages associated with trees, shrubs, fences or other non-structural elements is permitted.

**TERMITES AND CARPENTER ANTS HARBORING IN TREES, SHRUBS, STUMPS, UTILITY POLES, SLABS AND FENCES:** 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. For trees with severe infestation or very large trees, the interior cavity within the tree may be larger than what can be adequately treated with a single can. When treating slabs, drill hole(s) through the slab where termites or carpenter ants are active, or are suspected, and inject foam. For fences, treat exposed surfaces where termites are active and drill wooden members where termites are active, or are suspected, and inject foam.

## NON-WOOD DESTROYING INSECT TREATMENTS

**CRAWLING INSECTS – Asian Lady Bugs, Boxelder Bugs, Cluster Flies, Elm Leaf Beetles:** Treat areas where these pests enter, hide or harbor.

**ANTS (Excluding Fire and Harvester):** Treat areas where these pests enter, hide or harbor. Treatment of fence posts, nesting sites, under slabs and other suspected infestations away from the structure, is permitted.

**SUBTERRANEAN ANTS (Excluding Fire and Harvester):** Where possible, inject the nest at multiple sites. Foam should move throughout the nest. For very large nests (> 36" diameter), increase the number of injection sites. Space injection sites in a circular pattern on the nest surface with 1 site in the center. For best results, apply when temperature is 65 to 85°F, or in early morning or late evening hours. Treat new nests as they appear. Drill hole(s) through the concrete or other soil covering where ants are active, or are suspected, and inject foam if necessary.

**TREATMENT FOR IN-GROUND SERVICE BOXES – Ants (Excluding Fire and Harvester):** Use adequate foam to treat open boxes and exposed surfaces. **DO NOT** contact any electrical wiring or mechanical parts of meter.

## 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/FEED AREAS OF FOOD/FEED HANDLING ESTABLISHMENTS ARE LIMITED TO CRACK & CREVICE, VOID OR SPOT TREATMENT ONLY.** Limit individual spot treatments to an area no larger than 20% of the total surface area. Individual spot treatments must not exceed 2 ft<sup>2</sup>.

**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 or spot treatment to selective surfaces such as baseboards, under elements of construction, stainless steel equipment, shelving, machinery, storage areas, pallets, tables, chairs and other areas where these insects may be harboring, traveling, breeding or entering the structure. Maximum use rate = 0.05 g ai/lb ft. Reapplications may be made at 3 day intervals.

### STORAGE & 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:** Waste resulting from use of this product may 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. **If partly filled:** Contact your local solid waste agency for disposal instructions.

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



## CONDITIONS OF SALE AND WARRANTY

Follow the **Directions for Use**. It is impossible to eliminate all risks inherently associated with use of this product, and therefore all such risk 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 accepts 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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We create chemistry