



**CITY OF SANTA BARBARA**  
**Waterfront Department**  
*Memorandum*

**DATE:** October 25, 2022  
**TO:** Jazmin LeBlanc and the IPM Advisory Committee  
**FROM:** Lyn Burich, Project Engineer  
**SUBJECT:** REQUEST FOR IPM Exemption for the treatment of City Buildings –Harbor Way, Shoreline Drive, Stearns Wharf

---

The Waterfront Department is requesting review for exemption by the IPM Advisory Committee to treat the following structures open to the public:

- 1) Harbor Way:
  - 117–approx. 2,204 SF
  - 119–approx. 2,204 SF
  - 121–approx. 350 SF Fuel Dock
  - 123–approx. 350 SF Icehouse
  - 125–approx. 4000 SF
  - 132–approx. 2049 SF
- 2) Shoreline Drive:
  - 307–approx. 600 SF
  - 309–approx. 760 SF
  - 311–approx. 760 SF
  - 801–approx. 760 SF
- 3) Stearns Wharf:
  - 217–approx. 1700 SF
  - 219–approx. 1700 SF
  - 220–approx. 5994 SF
  - 221–approx. 1700 SF
  - 223–approx. 411 SF
  - 230–approx. 6000 SF
  - 230b–approx. 250 SF

There is no history of prior fumigation or other treatment for the above-listed buildings. This treatment of spot applications is deemed the proper course of action by the Facilities Division and the fumigator for multiple reasons.

If you have any questions regarding this request, please contact Lyn Burich, Project Engineer, at (805) 897-1964

Attachments: IPM exemption request package  
 Applications  
 Exhibits



**Lyn Burich**  
*Project Engineer*  
 CITY OF SANTA BARBARA, Waterfront Department  
 (805) 897-1964  
 cell (805) 680-0295 | [lburich@santabarbaraca.gov](mailto:lburich@santabarbaraca.gov)

**City of Santa Barbara**  
**Integrated Pest Management Advisory Committee**  
**MATERIAL EXEMPTION REQUEST FOR PESTICIDE APPLICATION**

Name Lyn Burich Department Waterfront Phone (805) 897-1964

Pesticide Applicator (employee or company) \_\_\_\_\_ Phone \_\_\_\_\_

Application Site Various Waterfront Locations Specific Location Spot treatment at dry rot areas

Date(s) of Application November 2022 Date of Request November 2022

Product Name PT Alpine Foam Active Ingredient Dinotefuran

Type: ☐ One-time ☒ Programmatic ☐ Emergency

Number of Applications: ☒ One ☐ Other \_\_\_\_\_

Product type: ☐ Herbicide ☒ Insecticide ☐ Fungicide ☐ Other \_\_\_\_\_

Application: ☐ Ornamental ☐ Sports Field ☐ Golf Course ☐ Vector Control ☐ Park Tree ☐ Street Tree  
☐ Airport Runways ☐ Right of Way ☒ City Facility ☐ Other \_\_\_\_\_

Is the pesticide on the *Approved Materials List*? ☒ No ☐ Yes If yes, provide the color \_\_\_\_\_

If the pesticide is not on the *Approved Materials List*, provide the following information. Please use the Material Selection Criteria and work with a Certified Pesticide Applicator to determine the estimated color.

EPA Reg 499-526 Signal Danger Estimated Color Yellow

Restricted ☐ No ☒ Yes/Describe Flammable

P Waste \_\_\_\_\_ PBT \_\_\_\_\_ WA PBT \_\_\_\_\_ Persistent \_\_\_\_\_ Mobil \_\_\_\_\_

Cancer \_\_\_\_\_ Repro \_\_\_\_\_ Neuro \_\_\_\_\_ Endocrine \_\_\_\_\_

Bird \_\_\_\_\_ Fish \_\_\_\_\_ Bees \_\_\_\_\_ Wildlife \_\_\_\_\_

Please attach product label and MSDS to this form.

**Describe the pest problem.**

There is visible termite damage throughout the structure. There is likely damage in concealed areas.

**Describe the overall management goals and objectives for this site.**

To maintain the structure in a structurally safe and thereby usable condition. This building is a City of Santa Barbara building, which is also open to the general public. Eradication work is provided with a three year warranty from the contractor.

**What is the damage or action threshold for this pest at this site? (The action threshold is the number of pests or level of damage beyond which management action should be taken.)**

Fumigation for the drywood termite populations is past due and now subterranean termites have been identified. As the Project Engineer, my opinion is of concurrence with that of the pest control company, that successful treatment of the building foundation will be highly beneficial to maintaining structural stability. The damage threshold for this building is below a level that would compromise the structural integrity and/or interfere with commercial operations. No records were found of prior fumigation.

**Describe the monitoring of the pest and potential predators that was conducted and the control methods previously used at the site.**

Termite management history is not available. Internal reports and site visits have been ongoing as part of general building inspections by City staff, with notice of termites.

**Describe how the product would be applied including frequency, concentration, and method of application.**

PT ALPINE FOAM:

Contract for proposed work requires project execution be in accordance with the manufacturer's guidelines and instructions. The structure is planned for a one-time spot treatment application.

Spot treatment of exposed surfaces by wetting surface area not to exceed 2 square feet for each sport of application. Allow foam to dissipate or wipe surface dry before leaving site

**City of Santa Barbara**  
**Integrated Pest Management Advisory Committee**  
**MATERIAL EXEMPTION REQUEST FOR PESTICIDE APPLICATION**

**What non-target impacts are anticipated?**

Pests will not be cleared and will be killed. Spiders and ants will, unfortunately, also be killed

**How does the use of this product help achieve the site management goals? Note if this is curative or preventative.**

The product is recognized for its eradication purposes and will rid the infestation populations from eating at the structure. Maintaining structural integrity is the main goal. Treatment is considered palliative care for the structure themselves and curative in regards to ailments affecting the building lifespan (considering the lack of prior fumigation).

**How will the effectiveness of this product be monitored? Include expected results and indicators of success.**

The building are periodically investigated for termite activity. No visible termite presence for three years, with minor activity in the following years would be a success.

**Describe what precautions would be used for application. For example consider restricting access, distance from a creek or body of water, degree of runoff, weather conditions, etc.**

The building has unrestricted access along approximately 500 feet of frontage to public right-of-way (See attached Exhibit). Active work areas shall be barricaded before application and left in place as directed by manufacturer's instructions.

The building is near the harbor and no run off from this method is anticipated. Being a city building, property is considered a pesticide-free zone.

**List alternatives considered, alternatives implemented and why they were eliminated.**

Heat treatment was considered but was determined unfeasible due to the building having critical electrical equipment that must remain in place during fumigation. The building also has automatic fire sprinklers that will open at heat treatment temperatures.

**Justification: describe why is applying this pesticide is the best solution and why a less-hazardous chemical, non-chemical option or taking no action is not feasible.**

At this time, treatment with the proposed chemicals is the most cost effective method, most thorough and longest lasting treatment method available. Taking no action is considered infeasible due to the remaining 30 year life expectancy of the building.

**Was outside expertise utilized? ☐ No ☒ Yes / Describe**

The pest control company was consulted, and provided comments, and selected the materials.

**Describe future plans to prevent using the chemical again.**

With more regular inspections, we anticipate that using spot treatment will be sufficient to maintain the infestation to relatively minor levels.

**Signatures** \_\_\_\_\_

*Lyn Burich*

Department IPM Coordinator

\_\_\_\_\_  
City IPM Coordinator

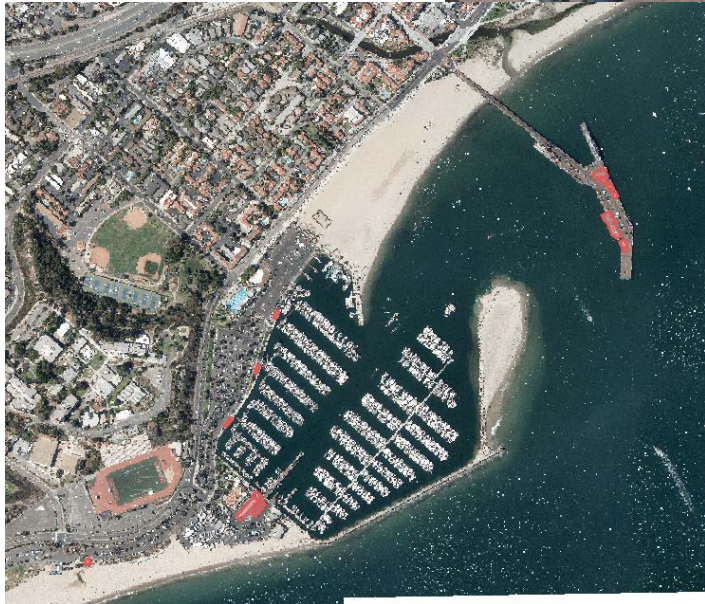
**Completed by the City of Santa Barbara IPM Staff**

Vote Tally \_\_\_\_\_ Disposition: ☐ Approved ☐ Denied/Reason \_\_\_\_\_

If approved, follow the attached best management practices.

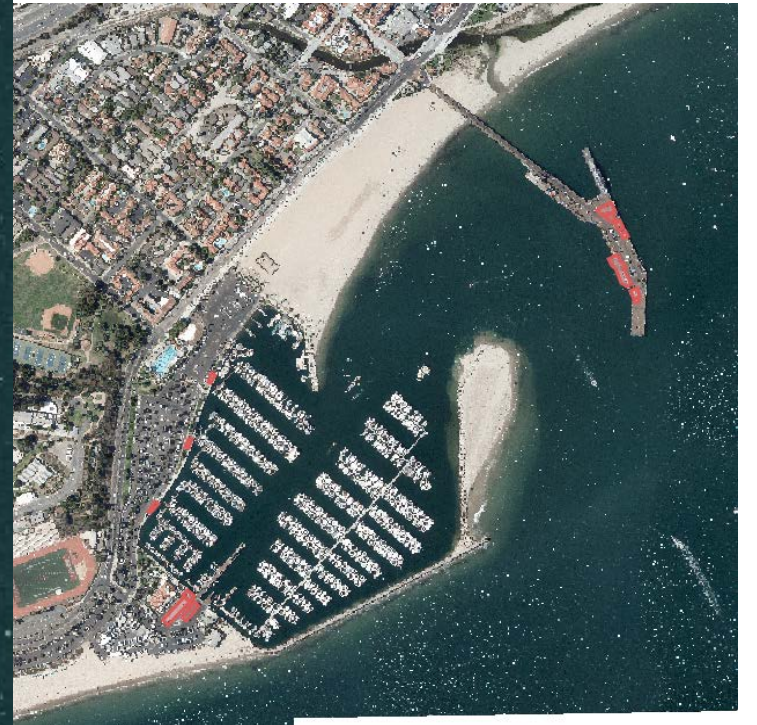
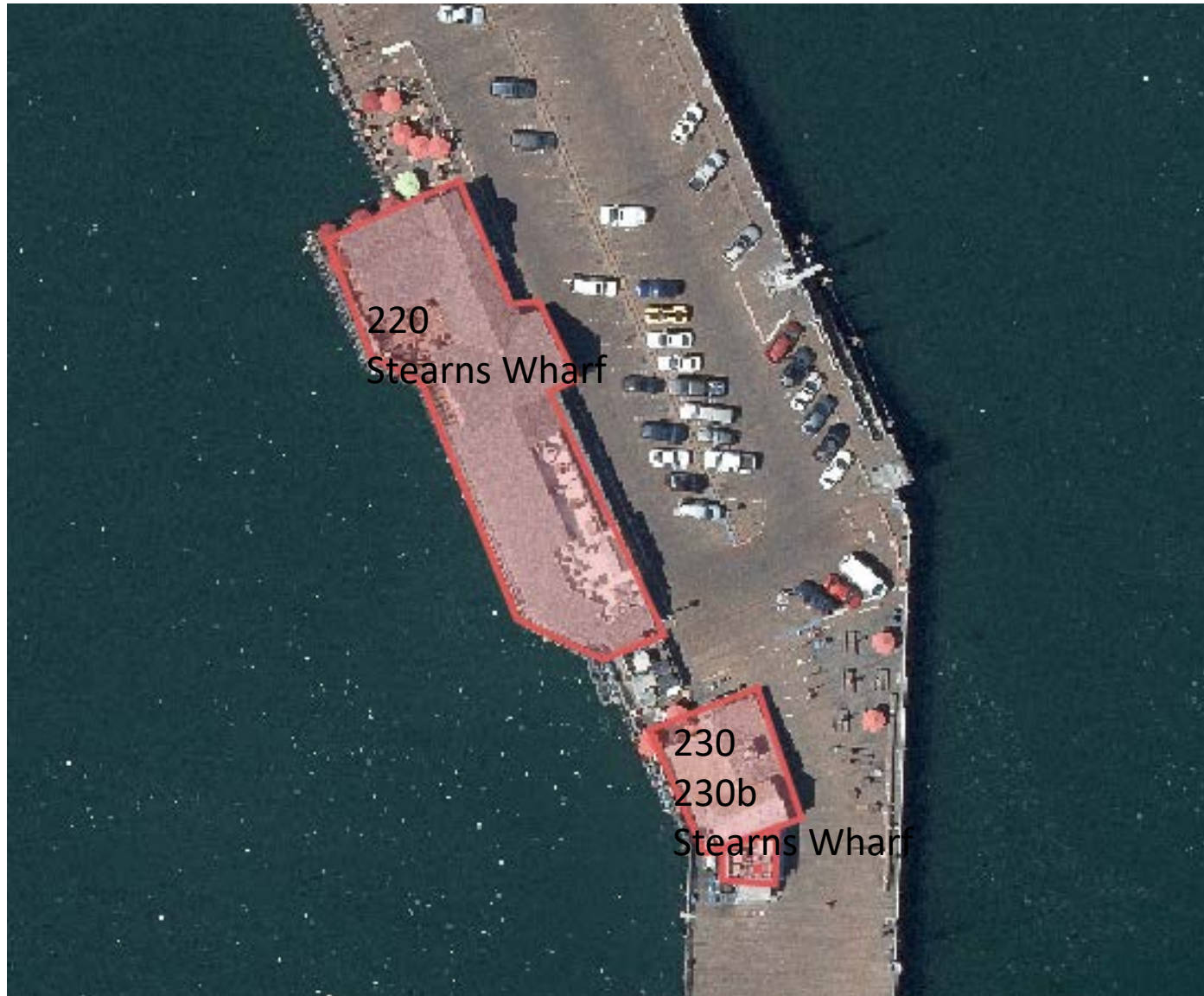
Comments:





Stearns Wharf Vicinity





Stearns Wharf Vicinity



Harbor Vicinity

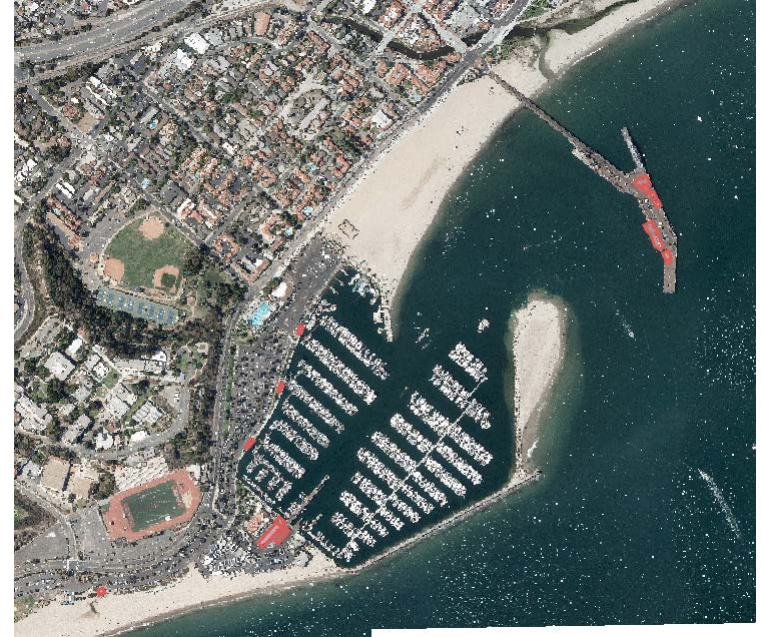


307 Shoreline Drive





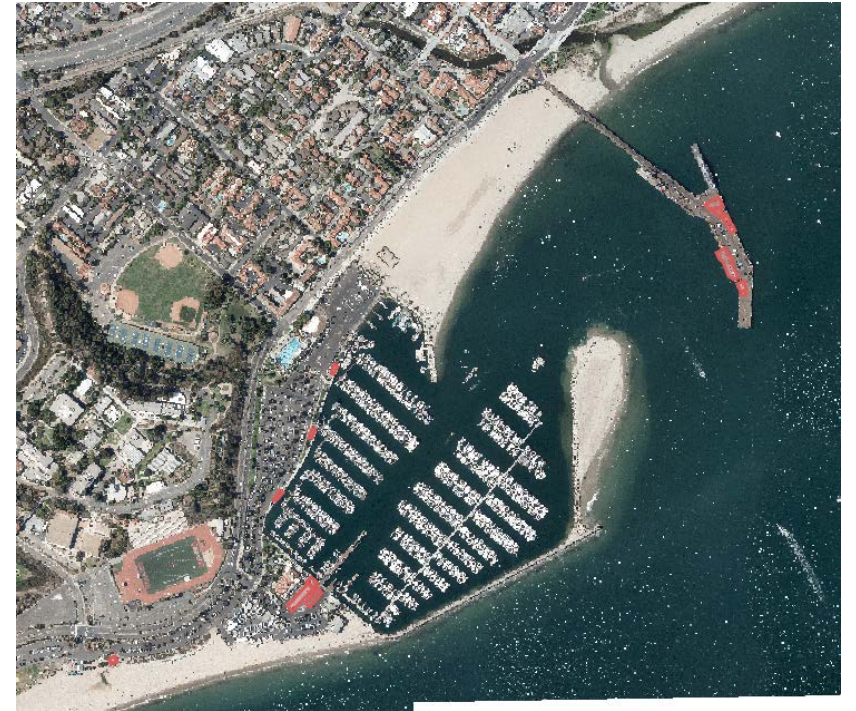
309 Shoreline Drive



Harbor Vicinity

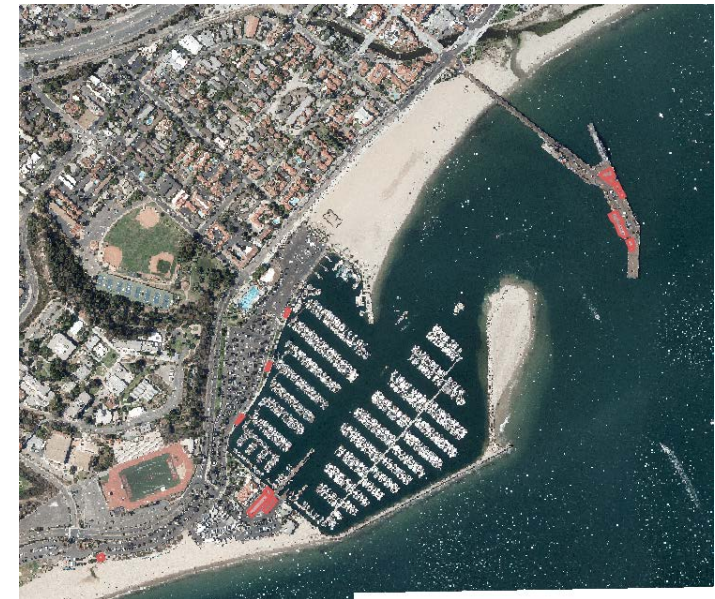


311 Shoreline Drive



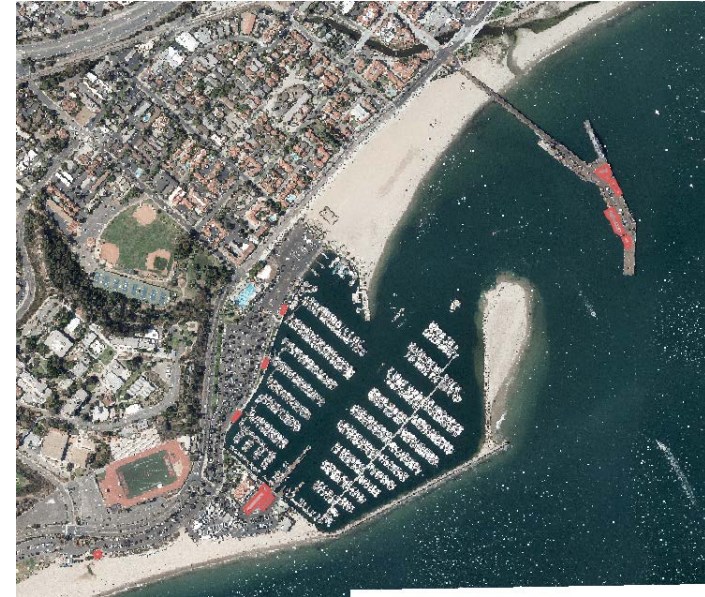
Harbor Vicinity





Harbor Vicinity



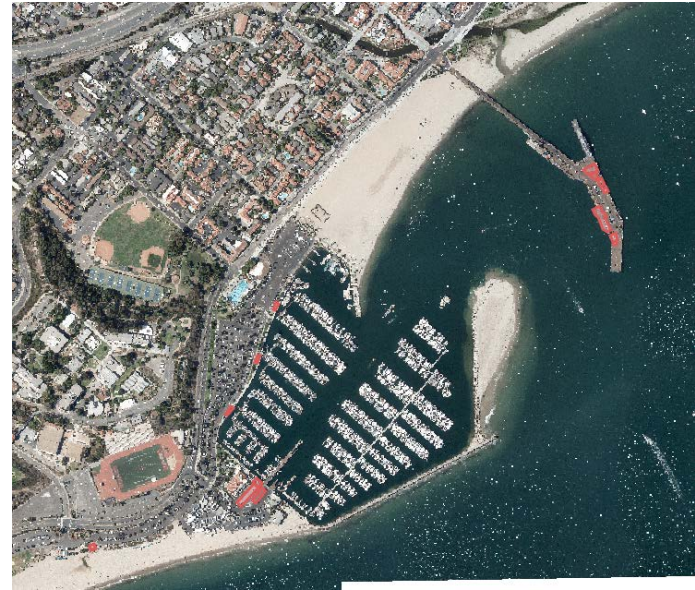


Harbor Vicinity





801 Shoreline Drive



Harbor Vicinity

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



---

## PRECAUTIONARY STATEMENTS

---

### 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.

---

## 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

- 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.

---

## PRODUCT INFORMATION

---

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.

---

## APPLICATION DIRECTIONS

---

### 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.

PCS813

*Alpine, Crack & Crevice, and PT are registered trademarks of BASF.*

© 2014 BASF Corporation  
All rights reserved.

000499-00526.20140109.**NVA 2014-04-450-0004**

Based on: NVA 2014-04-450-0003

Supersedes: NVA 2013-04-450-0282

BASF Corporation  
26 Davis Drive  
Research Triangle Park, NC 27709



We create chemistry





We create chemistry

# Safety Data Sheet

## PT Alpine Foam

Revision date : 2018/05/02  
Version: 3.0

Page: 1/11  
(30643934/SDS\_CPA\_US/EN)

### 1. Identification

**Product identifier used on the label**

**PT Alpine Foam**

**Recommended use of the chemical and restriction on use**

Recommended use\*: insecticide

\* The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

**Details of the supplier of the safety data sheet**

Company:

BASF CORPORATION  
100 Park Avenue  
Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

**Emergency telephone number**

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

**Other means of identification**

Substance number: 719140  
EPA Registration number: 499-526

---

### 2. Hazards Identification

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

**Classification of the product**

Flam. Aerosol 1 Flammable aerosols

**Label elements**

Pictogram:

# Safety Data Sheet

## PT Alpine Foam

Revision date : 2018/05/02  
Version: 3.0

Page: 2/11  
(30643934/SDS CPA US/EN)



Signal Word:  
Danger

Hazard Statement:  
H222 Extremely flammable aerosol.

Precautionary Statements (Prevention):  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.

Precautionary Statements (Storage):  
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/ 122°F.

### 3. Composition / Information on Ingredients

**According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200**

<u>CAS Number</u>	<u>Weight %</u>	<u>Chemical name</u>
68476-86-8	7.0 - 10.0%	Petroleum gases, liquefied, sweetened
165252-70-0	0.025 %	Dinotefuran technical

### 4. First-Aid Measures

#### Description of first aid measures

**General advice:**  
Remove contaminated clothing.

**If inhaled:**  
Keep patient calm, remove to fresh air.

**If on skin:**  
Wash thoroughly with soap and water.

**If in eyes:**  
Wash affected eyes for at least 15 minutes under running water with eyelids held open.

**If swallowed:**  
Rinse mouth and then drink plenty of water.

#### Most important symptoms and effects, both acute and delayed

Symptoms: No significant reaction of the human body to the product known.

#### Indication of any immediate medical attention and special treatment needed



# Safety Data Sheet

## PT Alpine Foam

Revision date : 2018/05/02  
Version: 3.0

Page: 3/11  
(30643934/SDS\_CPA\_US/EN)

### Note to physician

Treatment: Symptomatic treatment (decontamination, vital functions).

---

## 5. Fire-Fighting Measures

### Extinguishing media

Suitable extinguishing media:  
water spray, dry powder, foam, carbon dioxide

### Special hazards arising from the substance or mixture

Hazards during fire-fighting:  
carbon monoxide, carbon dioxide, nitrogen oxides  
The substances/groups of substances mentioned can be released in case of fire. Aerosol container contains flammable gas under pressure.

### Advice for fire-fighters

Protective equipment for fire-fighting:  
Wear self-contained breathing apparatus and chemical-protective clothing.

### Further information:

Keep containers cool by spraying with water if exposed to fire. In case of fire and/or explosion do not breathe fumes. Collect contaminated extinguishing water separately, do not allow to reach sewage or effluent systems. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

---

## 6. Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Do not breathe vapour/spray. Use personal protective clothing. Avoid contact with the skin, eyes and clothing.

### Environmental precautions

Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater.

### Methods and material for containment and cleaning up

Dike spillage. Pick up with suitable absorbent material. Place into suitable containers for reuse or disposal in a licensed facility. Spilled substance/product should be recovered and applied according to label rates whenever possible. If application of spilled substance/product is not possible, then spills should be contained, solidified, and placed in suitable containers for disposal. After decontamination, spill area can be washed with water. Collect wash water for approved disposal.

---

## 7. Handling and Storage

### Precautions for safe handling

RECOMMENDATIONS ARE FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS. PESTICIDE APPLICATORS & WORKERS must refer to the Product Label and Directions for Use attached to the product for Agricultural Use Requirements in accordance with the EPA Worker Protection Standard 40 CFR part 170. Ensure adequate ventilation. Provide good ventilation of working area (local exhaust ventilation if necessary). Keep away from sources of ignition - No smoking. Keep container tightly sealed. Protect against heat. Protect contents from the effects of light. Protect from air. Handle and open container with care. Do

# Safety Data Sheet

## PT Alpine Foam

Revision date : 2018/05/02  
Version: 3.0

Page: 4/11  
(30643934/SDS CPA US/EN)

not open until ready to use. Once container is opened, content should be used as soon as possible. Avoid aerosol formation. Provide means for controlling leaks and spills. Do not return residues to the storage containers. Follow label warnings even after container is emptied. The substance/ product may be handled only by appropriately trained personnel. Avoid all direct contact with the substance/product. Avoid contact with the skin, eyes and clothing. Avoid inhalation of dusts/mists/vapours. Wear suitable personal protective clothing and equipment.

Protection against fire and explosion:

Vapours may form ignitable mixture with air. Prevent electrostatic charge - sources of ignition should be kept well clear - fire extinguishers should be kept handy.

### Conditions for safe storage, including any incompatibilities

Segregate from foods and animal feeds.

Further information on storage conditions: Keep away from heat. Protect from direct sunlight.

Protect from temperatures above: 130 °F

Explosive at or above indicated temperature.

---

## 8. Exposure Controls/Personal Protection

Users of a pesticidal product should refer to the product label for personal protective equipment requirements.

No occupational exposure limits known.

### Personal protective equipment

#### RECOMMENDATIONS FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS:

##### **Respiratory protection:**

Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator. For situations where the airborne concentrations may exceed the level for which an air purifying respirator is effective, or where the levels are unknown or Immediately Dangerous to Life or Health (IDLH), use NIOSH-certified full facepiece pressure demand and self-contained breathing apparatus (SCBA) or a full facepiece pressure demand supplied-air respirator (SAR) with escape provisions.

##### **Hand protection:**

Chemical resistant protective gloves, Protective glove selection must be based on the user's assessment of the workplace hazards.

##### **Eye protection:**

Safety glasses with side-shields. Tightly fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists.

##### **Body protection:**

Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

##### **General safety and hygiene measures:**

Handle in accordance with good industrial hygiene and safety practice. Wearing of closed work clothing is recommended. Store work clothing separately. Keep away from food, drink and animal feeding stuffs.

---



# Safety Data Sheet

## PT Alpine Foam

Revision date : 2018/05/02  
Version: 3.0

Page: 5/11  
(30643934/SDS\_CPA\_US/EN)

### 9. Physical and Chemical Properties

Form:	aerosol
Odour:	odourless
Odour threshold:	not applicable, odour not perceivable
Colour:	colourless, clear
pH value:	approx. 5 - 7 ( 23 °C)
Melting point:	< 0 °C The statements are based on the properties of the individual components.
Boiling point:	approx. 100 °C Information applies to the solvent.
Flash point:	> 85 °C
Flammability:	not highly flammable
:	Level 1 Aerosol
Lower explosion limit:	1.8 %(V)
Upper explosion limit:	9.5 %(V)
Autoignition:	Based on the water content the product does not ignite.
Vapour pressure:	The product has not been tested.
Density:	approx. 1.00 g/cm3 ( 20 °C)
Vapour density:	not applicable
<i>Information on: Dinotefuran technical</i>	
Partitioning coefficient n-octanol/water (log Pow):	-0.549 ( 25 °C)
-----	
Thermal decomposition:	No decomposition if stored and handled as prescribed/indicated.
Viscosity, dynamic:	17.35 mPa.s ( 25 °C)
Solubility in water:	dispersible
Evaporation rate:	not applicable
Other Information:	If necessary, information on other physical and chemical parameters is indicated in this section.

### 10. Stability and Reactivity

#### Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

#### Oxidizing properties:

Based on its structural properties the product is not classified as oxidizing.

#### Chemical stability

The product is stable if stored and handled as prescribed/indicated.

#### Possibility of hazardous reactions

No hazardous reactions if stored and handled as prescribed/indicated.

#### Conditions to avoid

See MSDS section 7 - Handling and storage.

#### Incompatible materials

strong acids, strong bases, strong oxidizing agents

# Safety Data Sheet

## PT Alpine Foam

Revision date : 2018/05/02  
Version: 3.0

Page: 6/11  
(30643934/SDS CPA US/EN)

### Hazardous decomposition products

Decomposition products:

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

---

## 11. Toxicological information

### Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

### Acute Toxicity/Effects

#### Acute toxicity

Assessment of acute toxicity: Virtually nontoxic after a single skin contact. Virtually nontoxic by inhalation. Virtually nontoxic after a single ingestion. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

#### Oral

Type of value: LD50

Species: rat

Value: > 5,000 mg/kg

#### Inhalation

Type of value: LC50

Species: rat

Value: > 2.08 mg/l

An aerosol with respirable particles was tested.

No mortality was observed.

#### Dermal

Type of value: LD50

Species: rat

Value: > 5,000 mg/kg

#### Assessment other acute effects

Assessment of STOT single:

Based on the available information there is no specific target organ toxicity to be expected after a single exposure.

The product has not been tested. The statement has been derived from the properties of the individual components.

#### Irritation / corrosion

Assessment of irritating effects: Not irritating to the eyes. Not irritating to the skin. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

#### Skin

Species: rabbit



# Safety Data Sheet

## PT Alpine Foam

Revision date : 2018/05/02  
Version: 3.0

Page: 7/11  
(30643934/SDS\_CPA\_US/EN)

Result: non-irritant

### Eye

Species: rabbit  
Result: non-irritant

### Sensitization

Assessment of sensitization: There is no evidence of a skin-sensitizing potential. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

### Buehler test

Species: guinea pig  
Result: Skin sensitizing effects were not observed in animal studies.

## Chronic Toxicity/Effects

### Repeated dose toxicity

Assessment of repeated dose toxicity: The product has not been tested. The statement has been derived from the properties of the individual components. No substance-specific organotoxicity was observed after repeated administration to animals.

### Genetic toxicity

Assessment of mutagenicity: The product has not been tested. The statement has been derived from the properties of the individual components. Mutagenicity tests revealed no genotoxic potential.

### Carcinogenicity

Assessment of carcinogenicity: The product has not been tested. The statement has been derived from the properties of the individual components. The results of various animal studies gave no indication of a carcinogenic effect.

### Reproductive toxicity

Assessment of reproduction toxicity: The product has not been tested. The statement has been derived from the properties of the individual components. The results of animal studies gave no indication of a fertility impairing effect.

### Teratogenicity

Assessment of teratogenicity: The product has not been tested. The statement has been derived from the properties of the individual components. Animal studies gave no indication of a developmental toxic effect at doses that were not toxic to the parental animals.

### Other Information

Misuse can be harmful to health.

## Symptoms of Exposure

No significant reaction of the human body to the product known.

---

## 12. Ecological Information

### Toxicity

#### Aquatic toxicity

Assessment of aquatic toxicity:

# Safety Data Sheet

## PT Alpine Foam

Revision date : 2018/05/02  
Version: 3.0

Page: 8/11  
(30643934/SDS CPA US/EN)

There is a high probability that the product is not acutely harmful to aquatic organisms. The product has not been tested. The statement has been derived from the properties of the individual components.

### Toxicity to fish

Information on: *Dinotefuran technical*  
LC50 (96 h) > 100 mg/l, *Oncorhynchus mykiss*  
LC50 (96 h) > 100 mg/l, *Cyprinus carpio*  
-----

### Aquatic invertebrates

Information on: *Dinotefuran technical*  
EC50 (48 h) > 1,000 mg/l, *Daphnia magna*  
EC50 (96 h) 0.79 mg/l, *Mysidopsis bahia*  
-----

### Aquatic plants

Information on: *Dinotefuran technical*  
EC50 (72 h) 97.6 mg/l (biomass), *Pseudokirchneriella subcapitata*  
-----

## **Persistence and degradability**

### Assessment biodegradation and elimination (H2O)

The product has not been tested. The statement has been derived from the properties of the individual components.

### Assessment biodegradation and elimination (H2O)

Information on: *Dinotefuran technical*

Not readily biodegradable (by OECD criteria).  
-----

## **Bioaccumulative potential**

### Assessment bioaccumulation potential

The product has not been tested. The statement has been derived from the properties of the individual components.

### Assessment bioaccumulation potential

Information on: *Dinotefuran technical*

Because of the n-octanol/water distribution coefficient (log Pow) accumulation in organisms is not to be expected.  
-----

## **Mobility in soil**

### Assessment transport between environmental compartments

The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: *Dinotefuran technical*



# Safety Data Sheet

## PT Alpine Foam

Revision date : 2018/05/02  
Version: 3.0

Page: 9/11  
(30643934/SDS\_CPA\_US/EN)

*Following exposure to soil, the product trickles away and can - dependant on degradation - be transported to deeper soil areas with larger water loads.*

-----

### Additional information

Other ecotoxicological advice:  
Do not discharge product into the environment without control.

---

## 13. Disposal considerations

### Waste disposal of substance:

Pesticide wastes are regulated. If pesticide wastes cannot be disposed of according to label instructions, contact the State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

### Container disposal:

Do not cut, puncture, crush, or incinerate empty aerosol containers. Consult state or local disposal authorities for approved alternative procedures such as container recycling. Empty aerosol cans may meet the definition of RCRA D003. Consult local and/or regional EPA for further guidance.

---

## 14. Transport Information

### Land transport

USDOT

Hazard class:	2.2
ID number:	UN 1950
Hazard label:	2.2
Proper shipping name:	AEROSOLS

### Sea transport

IMDG

Hazard class:	2.2
ID number:	UN 1950
Hazard label:	2.2
Marine pollutant:	NO
Proper shipping name:	AEROSOLS

### Air transport

IATA/ICAO

Hazard class:	2.2
ID number:	UN 1950
Hazard label:	2.2
Proper shipping name:	AEROSOLS, NON-FLAMMABLE

---

## 15. Regulatory Information

### Federal Regulations

#### Registration status:

Crop Protection      TSCA, US    released / exempt

# Safety Data Sheet

## PT Alpine Foam

Revision date : 2018/05/02  
Version: 3.0

Page: 10/11  
(30643934/SDS\_CPA\_US/EN)

Chemical TSCA, US blocked / not listed

**EPCRA 311/312 (Hazard categories):** Refer to SDS section 2 for GHS hazard classes applicable for this product.

**Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65:**

**BASF Risk Assessment, CA Prop. 65:**

Based on an evaluation of the product's composition and the use(s), this product does not require a California Proposition 65 Warning.

### **Labeling requirements under FIFRA**

This chemical is a pesticide product registered by the 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, and workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.

CAUTION:  
KEEP OUT OF REACH OF CHILDREN.  
Aerosol container contains flammable gas under pressure.

---

## **16. Other Information**

**SDS Prepared by:**  
BASF NA Product Regulations  
SDS Prepared on: 2018/05/02

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

---

IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY



# Safety Data Sheet

## PT Alpine Foam

Revision date : 2018/05/02

Version: 3.0

Page: 11/11

(30643934/SDS\_CPA\_US/EN)

UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION  
FURNISHED BY OUR COMPANY HEREUNDER ARE GIVEN GRATIS AND WE ASSUME NO  
OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION  
GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK.  
END OF DATA SHEET

# City IPM Policy - Material Selection Criteria

Material:

Alpine Form

Tier Level Conclusion:

Yellow, \_\_

Criteria	Tier 1 Red	Tier 2 Yellow	Tier 3 Green		
EPA Categories	I - Danger	II or III, Warning or Caution	II or III, Warning or Caution		
Restricted use	Yes	No	No		
Prop 65	Yes	No	No		
EPA Carcinogen	Known, likely or probable	Possible or EPA D	No evidence of carcinogenicity		
Endocrine Disruptor	Known or Probable	Suspect	No known, probable or suspect		
Environmental	Highly or extremely toxic to birds, aquatic species, bees or wildlife	Toxic or moderately toxic	Not toxic		
Persistence	Soil half lives greater than 100 days	Soil half lives less than 100 days but more than 30 days	Soil half lives less than 30 days		
Mobility	Rated high or very high, or label warning	Not high or very high, no label warnings	Not high or very high, no label warnings		
OMRI					
Cholinesterase inhibitor	-	-	-		
Dev or repro toxin	-	-	-		

Sources:

<https://www.pesticideinfo.org/>

*SA J. B. B.*  
10-24-22

## Ecological Criteria

### EPA

	Toxic	Highly Toxic	Extremely Toxic
Birds	LD50 - 100 mg/kg; LC50 - 500 ppm	NA	May result in fatalities
Aquatic	LC50 1ppm	NA	May result in fatalities
Bees	LD50 2-11 ug/bee (II)	LD50 - 2ug/bee (I)	
Other Wildlife and Animals	LD50 - 100 mg/kg	NA	May result in fatalities

### EXTOXNET

	Practically Non-Toxic	Slightly Toxic	Moderately Toxic	Highly Toxic	Very Highly Toxic
Birds, LD50	>2,000	>500	>50	>10	< 10
Aquatic, LD50	>100	>10	>10	>1	< .1
Bees	Few precautions		Kills if applied over them	Kills on contact for a few days	

### According to the EPA-540-9-8-5-006

LC50 (mg/L) Category Description

- <0.1 Very highly toxic
- 0.1 – 1 Highly toxic
- 1 – 10 Moderately toxic
- 10 – 100 Slightly toxic
- >100 Practically non-toxic