CITY OF SANTA BARBARA

Waterfront Department

Memorandum

DATE: September 21, 2022

TO: Jazmin LeBlanc and the IPM Advisory Committee

FROM: Lyn Burich, Project Engineer

SUBJECT: REQUEST FOR IPM Exemption for the treatment of City Building – 117 Harbor Way

The Waterfront Department is requesting review for exemption by the IPM Advisory Committee to treat the following structures:
1) 117 Harbor Way Building – This structure is approximately 6000 square feet, which is open to the public.
There is no history of prior fumigation or other treatment for the above-listed building.
This treatment of spot applications and the foundation 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
Exhibit

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

City of Santa Barbara
MATERIAL EXEMPTION REQUEST FOR PESTICIDE APPLICATION

Name __Lyn Burich_____ Department _Watefront_____Phone_805 897-1964_____

Pesticide Applicator (employee or company) _____Orkin Pest Control_____ Phone (805) 541-3445_____

Application Site__117 Harbor Way Santa Barbara CA_____ Specific Location_ foundation entire building____

Date(s) of Application ___November 2022_____ Date of Request ____November 2022_____

Product Name Termidor SC_____Active Ingredient_____Fipronil_____

Number of Applications: ■ One-time ❑ Other _____

Type: ❑ Emergency ❑ Trial ☐ Programmatic ❑ Other _____

Product type: ❑ Herbicide ■ Insecticide ❑ Fungicide ❑ Other _____

Application: ❑ Ornamental ❑ Turf ❑ Golf ☐ Vector Control ❑ Park Tree ❑ Street Tree

❑ Right of Way ❑ Vertebrate pest ■ Other _termite eradication_____

Is the pesticide on the *Approved Materials List*? No ■ Yes If yes, provide the zone (color) _____Yellow_____

If the pesticide is not on the *Tiered Materials List*, provide the following screening information. See the IPM Strategy and the *Tiered Materials List* for instructions on screening the pesticide.

EPA Reg #_____ Signal _____ Estimated Tier _____

Restricted ❑ No ■ Yes/Describe _____

P Waste _____ PBT _____ WA PBT _____ Persistent _____ Mobil _____

Cancer _____ Repro _____ Neuro _____ Endocrine _____

Bird _____ Fish _____ Bees _____ Wildlife _____

Product Name PT Alpine Foam_____Active Ingredient____Dinotefuran_____

Number of Applications: ■ One-time ❑ Other _____

Type: ❑ Emergency ❑ Trial ☐ Programmatic ❑ Other _____

Product type: ❑ Herbicide ■ Insecticide ❑ Fungicide ❑ Other _____

Application: ❑ Ornamental ❑ Turf ❑ Golf ☐ Vector Control ❑ Park Tree ❑ Street Tree

❑ Right of Way ❑ Vertebrate pest ■ Other _termite eradication_____

Is the pesticide on the *Approved Materials List*? ■ No ❑ Yes If yes, provide the zone (color) _____

EPA Reg #_499-526_____ Signal _Danger_____ Estimated Tier _Yellow_____

Restricted ❑ No ■ Yes/Describe __Flamable_____

P Waste _____ PBT _____ WA PBT _____ Persistent _____ Mobil

_____ Cancer _____ Repro _____ Neuro _____ Endocrine _____

Bird _____ Fish ____X_____ Bees _____ Wildlife _____

■ Attach product label and MSDS to this form.

City of Santa Barbara
MATERIAL EXEMPTION REQUEST FOR PESTICIDE APPLICATION

Describe the pest problem.
There is visible termite damage throughout the structure. There is likely damage in concealed areas. Subterranean termites have been identified

Describe the 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 threshold for this pest at this site?
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.
TERMIDOR SC:
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 foundation application. The manufacturer's recommended concentrations of .06% finished solution or foam into voids and galleries in damaged wood, in spaces between wooden structural members, and between the sill plate and foundation where wood is vulnerable. Applications may also be made to inaccessible areas by drilling and injecting into the structural voids or damaged wood.
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.

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 site conditions, for example consider the following: restricted access, distance from a creek or body of water, degree of runoff, site is a pesticide-free zone, 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.

City of Santa Barbara
MATERIAL EXEMPTION REQUEST FOR PESTICIDE APPLICATION

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 fumigants.

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 Staff IPM Committee

Vote Tally ____ Disposition: ❑ Approved ❑ Denied/Reason _____

If approved, follow the attached best management practices.

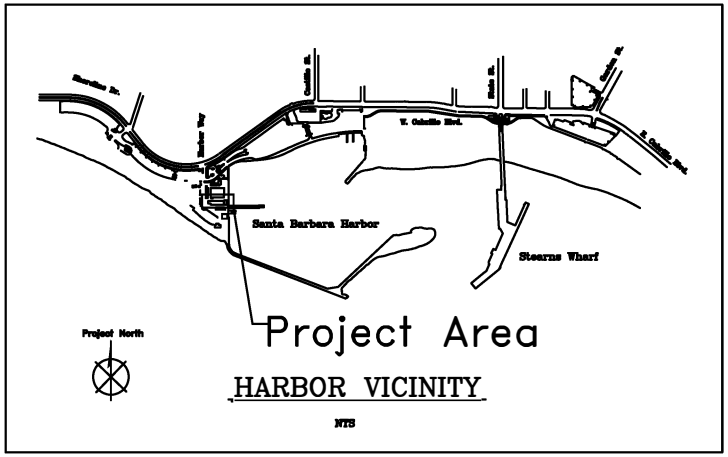
Comments:

Completed by the IPM Advisory Committee

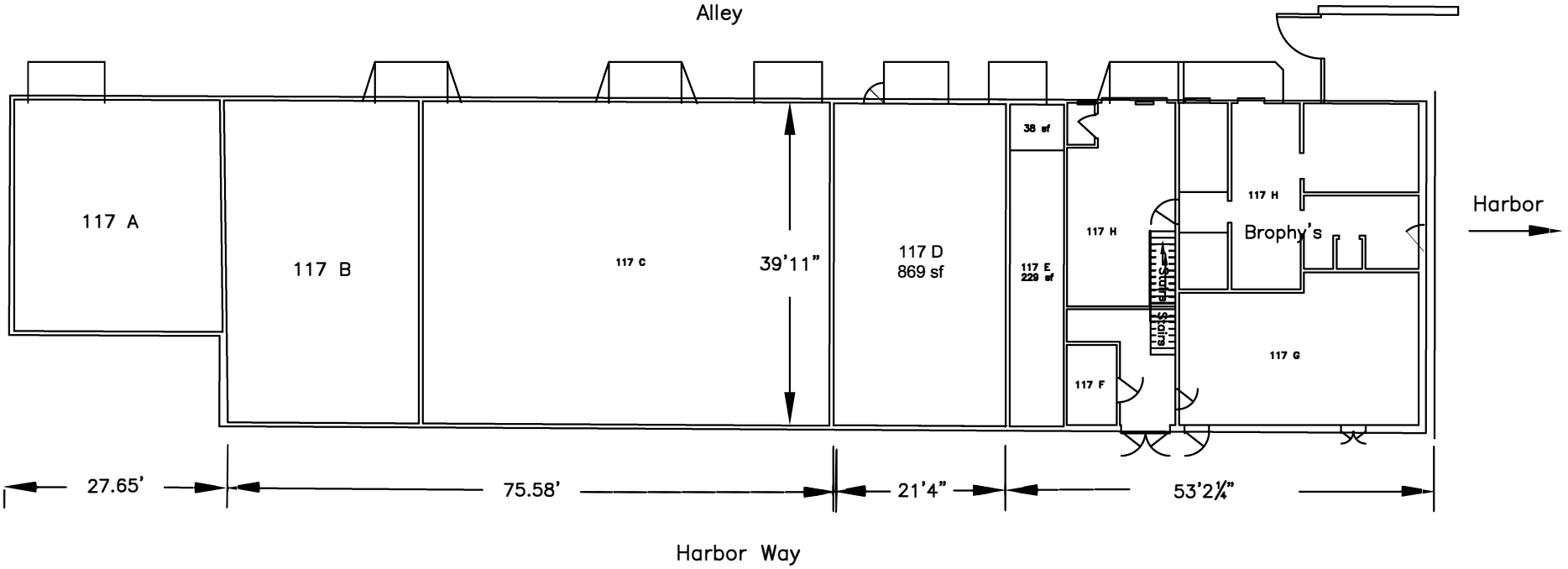
Vote Tally ____ Disposition: ❑ Approved ❑ Denied/Reason _____

If approved, follow the attached best management practices.

Comments:



FIRST FLOOR PLAN
117 Harbor Way
First and Second Floor Total Square Footage
Aprox. 6000



Project North

0 20 40

Scale (Feet)

REVISIONS	Lease Area Exhibit A		
	1=1		LB
	8/22/2022	117HARBORWAY	1170-013-EXB-2
	City of Santa Barbara Waterfront Department		1 of 1

SPECIMEN

PT® Alpine® 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 propellent. 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 dispense 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^2 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 harborage. 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^2.

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/ln 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.*

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

BASF
We create chemistry

BASF

We create chemistry

Safety Data Sheet
PT Alpine Foam

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:

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 no 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

CAS Number	Weight %	Chemical name
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

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

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 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.

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
Information on: Dinotefuran technical	
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

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

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 organtoxicity 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:

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

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

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.

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 Foam

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/

S. Bridges

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-540-9-85-006
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

[Decal]

Group 2B Insecticide

SPECIMEN

TERMIDOR® SC

TERMITICIDE/ INSECTICIDE

Active Ingredient:
fipronil: 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(1,*R*,*S*)-(trifluoromethyl)sulfinyl]-1*H*-pyrazole-3-carbonitrile 9.1%
Other Ingredients: 90.9%
Total: 100.0%
One gallon of **Termidor® SC Termiticide/Insecticide** contains 0.8 lb of fipronil.

EPA Reg. No. 7969-210 **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.)

FOR MEDICAL AND TRANSPORTATION EMERGENCIES ONLY
CALL 24 HOURS A DAY
1-800-832-HELP (4357)

Shake Well

Net Contents:

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

- **For use only by individuals/firms licensed or registered by the state to apply termiticide and/or general pest control products.**
- **DO NOT** use this product for termite, wood-infesting pest, or general pest prevention and/or control indoors, except for label-specified applications.
- **DO NOT** use on golf course turf. May be used for prevention and/or control of termites, wood-infesting pests, or general pests found on/near structures associated with golf courses, but only as specified on this label.
- **DO NOT** use on/in commercial bee hives.
- **DO NOT** use on animal trophies or animal skins.

See inside booklet for additional **Restrictions**, **First Aid**, **Precautionary Statements**, **Directions For Use**, **Conditions of Sale and Warranty**, and state-specific use sites and/or restrictions.

BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709

BASF
We create chemistry

[Booklet Front Panel]

TERMIDOR® SC
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:

fipronil: 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(1,*R*,*S*)-(trifluoromethyl)sulfinyl]-1*H*-pyrazole-3-carbonitrile	9.1%
Other Ingredients:	90.9%
Total:	100.0%

One gallon of **Termidor® SC Termiticide/Insecticide** contains 0.8 lb of fipronil.

EPA Reg. No. 7969-210 **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.)

FOR MEDICAL AND TRANSPORTATION EMERGENCIES ONLY
CALL 24 HOURS A DAY 1-800-832-HELP (4357)

Shake Well

Net Contents:

FIRST AID	
If swallowed	• Immediately call a poison control center or doctor. • **DO NOT** induce vomiting unless told to by a poison control center or doctor. • **DO NOT** give any liquid to the person. • **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.
If inhaled	• Move person to fresh air. • If person is not breathing, call 911 or ambulance; then give artificial respiration, preferably by mouth to mouth, if possible. • Call a poison control center or doctor for treatment advice.
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. In case of medical emergency involving this product, call BASF Corporation at 1-800-832-HELP (4357) or dial 911.	
NOTE TO PHYSICIAN: There is no specific antidote. All treatment should be based on observed signs and symptoms of distress in the patient. Overexposure to materials other than this product may have occurred. In severe cases of over-exposure by oral ingestion, lethargy, muscle tremors, and in extreme cases, possibly convulsions may occur.	

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION. Harmful if swallowed, absorbed through skin, or inhaled. **DO NOT** get in eyes, on skin, or on clothing. **DO NOT** breathe spray mist.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Waterproof gloves, such as barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, natural rubber* ≥ 14 mils, polyethylene, polyvinyl chloride (PVC) ≥ 14 mils, or viton ≥ 14 mils

* Includes natural rubber blends and laminates

When working in a non-ventilated space, including but not limited to basements and crawl spaces, all pesticide handlers must wear:

- A dust/mist filtering respirator which includes a NIOSH approved respirator with any N, R, P, or HE filter or NIOSH approval number prefix TC-84A

When working in a non-ventilated space, including but not limited to basements and crawl spaces or when applying termiticide by rodding or sub-slab injection, all pesticide handlers must wear:

- Protective eyewear (goggles, a faceshield, or safety glasses with front, brow, and temple protection)

Follow the 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 thoroughly with soap and water after handling. 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

For terrestrial uses, this pesticide 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 cleaning equipment or disposal of wastes. **DO NOT** contaminate water when disposing of equipment washwater or rinsate.

Directions For Use

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Read the entire label before using this product.

Termidor® SC Termiticide/Insecticide cannot be used to formulate, reformulate, or repackage into any other pesticide product without the written permission of BASF Corporation.

For use 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 before use of this product.

STORAGE AND DISPOSAL

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

Pesticide Storage

Store unused product in original container only, out of reach of children and animals.

Pesticide Disposal

To avoid waste, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

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.

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.

Spills

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

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

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

- Wear **Personal Protective Equipment (PPE)** and avoid exposure when managing a spill. (See **Precautionary Statements** section of this label for required PPE.)
- Dike and contain the spill with inert material (e.g., sand, earth) and transfer liquid and solid diking material to separate containers for disposal. Small-scale spills of **Termidor® SC Termiticide/Insecticide** finished dilution (that can be cleaned up with a typical spill kit) may be applied to labeled sites.
- Remove contaminated clothing, and wash affected skin areas with soap and water. Wash clothing before reuse.
- Keep spill out of all sewers and open bodies of water.

Use Directions for Prevention and/or Control of Termites and Other Wood-infesting Pests

Use Restrictions

- When treating adjacent to an existing structure, the applicator must check the area to be treated, and immediate adjacent areas of the structure, for visible and accessible cracks and holes to prevent any leak or significant exposure to residents, children, other persons, or pets occupying the structure. People present or residing in the structure during application must be advised to remove themselves and pets from the structure if they see any sign of leakage. After application, the applicator must check for leaks. All leaks resulting in the deposition of termiticide in locations other than those prescribed on this label must be cleaned up before leaving the application site. **DO NOT** allow residents, children, other persons, or pets to contact contaminated areas or to reoccupy contaminated areas of the structure until the cleanup is completed.
- Before the applicator drills and treats through concrete structures (e.g., patios, porches, sidewalks, foundation slabs), first determine there are no habitable areas below that could be unintentionally contaminated by the treatment.
- Only protected applicators wearing personal protective equipment, as required by this product label, are allowed to be in the immediate area during application.
- All drill holes, in commonly occupied areas into which product has been applied, must be plugged. Plugs must be of a non-cellulose material or covered by an impervious, non-cellulose material (e.g., Portland cement).
- **DO NOT** apply product until heating/air conditioning ducts, air vents, plumbing pipes, sewer lines, floor drains, heating pipes, and electrical lines/conduits are known and identified. **DO NOT** puncture or contaminate any of these.
- **DO NOT** use this product in voids insulated with rigid foam.
- **DO NOT** treat within a distance of one foot out from the drip line of edible plants.
- **DO NOT** treat fruit-bearing or nut-bearing trees.
- **DO NOT** contaminate public and private water supplies.
- **DO NOT** make treatments while precipitation is occurring.
- **DO NOT** treat soil that is water saturated, or frozen, or in conditions where runoff or movement from the treatment area/site will occur.

- **DO NOT** allow application to enter or runoff into storm drains, drainage ditches, gutters or surface waters.
- **DO NOT** apply directly to sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur, except as directed by this label.

Product Information

When used as directed in this label, **Termidor® SC Termiticide/Insecticide** (henceforth referred to as **Termidor SC**), provides effective prevention and/or control of listed termites and other wood-infesting pests. To maximize the potency of **Termidor SC**, apply the finished dilution in continuous treated zone(s) to prevent termites or other wood-infesting pests from infesting the wood to be protected.

Termidor SC finished dilution must only be applied by licensed technicians familiar with standard techniques used to prevent and/or control termite and other wood-infesting pests. **Termidor SC** finished dilution is highly effective against a variety of subterranean, arboreal, drywood, and dampwood termites (e.g., *Reticulitermes*, *Coptotermes*, *Heterotermes*, *Nasutitermes*, and *Zootermopsis*), and other wood-infesting pests (e.g., carpenter ants, beetles, borers).

Termidor SC is labeled for use at 0.06%, 0.09%, or 0.125% finished dilution. The 0.06% finished dilution should be used for typical prevention and/or control situations. Where severe termite or other wood-infesting pest infestations, problem soils, or problem construction types exist, it is advisable to use 0.09% or 0.125% **Termidor SC** finished dilution, if permitted in the applicable use directions throughout this label. Where permitted within the use directions, **Termidor SC** can be applied as a foam application as directed in the **Foam Applications for Prevention and/or Control of Termites, Wood-infesting Pests, and General Pest Control** section of this label.

Mixing Instructions

Mix **Termidor SC** in the following manner:

1. Fill tank 1/4 to 1/3 full with water. **NOTE:** 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 bypass agitation and place end of treating tool in tank to allow circulation through hose.
3. Add the specified amount of **Termidor SC**. Refer to **Table 1** (0.03% finished dilution), **Table 2** (0.06% finished dilution), **Table 3** (0.09% finished dilution) or **Table 4** (0.125% finished dilution) to determine the specified amounts of **Termidor SC** and water to add to prepare the desired amount of finished dilution.
4. Add remaining amount of water.
5. Let the pump run and allow recirculation through the hose back into the tank until the **Termidor SC** has completely dispersed.

NOTE: For tanks pre-filled with water, follow steps 2, 3, and 5 above.

NOTE: Recirculation/agitation may not be required for in-line injection or other application systems.

(Table 1.) 0.03% Termidor SC Finished Dilution

0.03% Termidor SC Finished Dilution (gals)	**Water** (gals)	**Termidor SC Termiticide** (fl ozs)
1	1.0	0.4
25	24.92	10.0
50	49.84	20.0 (1 pt + 4 fl ozs)
100	99.70	39.0 (1 qt + 7 fl ozs)

(Table 2.) 0.06% Termidor SC Finished Dilution

0.06% Termidor SC Finished Dilution (gals)	**Water** (gals)	**Termidor SC Termiticide** (fl ozs)
1	1.0	0.8
25	24.75	19.0 (1 pt + 3 fl ozs)
50	49.75	39.0 (1 qt + 7 fl ozs)
100	99.25	78.0 (2 qts + 14 fl ozs)

(Table 3.) 0.09% Termidor SC Finished Dilution

0.09% Termidor SC Finished Dilution (gals)	**Water** (gals)	**Termidor SC Termiticide** (fl ozs)
1	1.0	1.2
25	24.75	29.0 (1 pt + 13 fl ozs)
50	49.75	59.0 (1 qt + 27 fl ozs)
100	99.0	117.0 (3 qts + 21 fl ozs)

(Table 4.) 0.125% Termidor SC Finished Dilution

0.125% Termidor SC Finished Dilution (gals)	**Water** (gals)	**Termidor SC Termiticide** (fl ozs)
1	1.0	1.6
25	24.75	39.0 (1 qt + 7 fl ozs)
50	49.75	78.0 (2 qts + 14 fl ozs)
100	98.0	156.0 (1 gal + 28 fl ozs)

Application Volume

To provide maximum prevention and/or control and protection against termite and other wood-infesting pest infestations, apply the volumes of **Termidor® SC Termiticide/Insecticide** finished dilution specified in the use directions throughout this label.

However, if soil will not accept labeled volumes of **Termidor SC**, twice the concentration of **Termidor SC** may be applied in half the volume of finished dilution. For example, if 0.06% **Termidor SC** cannot be applied to achieve 4 gallons finished dilution per 10 linear feet per foot of depth, then 0.125% **Termidor SC** applied in 2 gallons finished dilution per 10 linear feet per foot of depth may be substituted.

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 is still achieved. At reduced application volume, it may be necessary for the applicator to drill holes closer than 12 inches apart to create a continuous treated zone.

Pre-construction Termite Treatments

Basic Information for Pre-construction Termite Treatments

For pre-construction treatments, up to and including installation of the finished grade:

- **DO NOT** apply at a **LOWER** dosage and/or concentration than 0.06%, 0.09%, or 0.125% for horizontal and vertical treatments.
- **DO NOT** apply at a **LOWER** finished dilution volume than 1.0 to 1.5 gallons per 10 square feet for concrete slabs on ground or in basements (horizontal treated zones).
- **DO NOT** apply at a **LOWER** finished dilution volume than 2 gallons per 10 linear feet per foot of depth for vertical treated zones along the interior and exterior perimeter of foundation walls and around pillars and other foundation elements.

Before each application, applicators must notify the general contractor, construction superintendent, or similar responsible party, of the intended **Termidor SC** finished dilution 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 **Termidor SC** finished dilution has been absorbed into the soil.

Pre-construction treatments include treatments made during all phases of construction up to and including installation of the final grade. Effective pre-construction termite prevention and/or control is achieved by establishing thorough and complete horizontal and vertical treated zones.

When trenching, trenches must be a minimum of 6 inches deep (no deeper than the bottom of the footing) 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 **Termidor SC** finished dilution from running out of the trench. Mix the finished dilution with the soil as it is replaced in the trench.

When treating foundations deeper than 4 feet, apply **Termidor SC** finished dilution as the backfill is being replaced, or, if the construction contractor fails to notify the applicator in sufficient time 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 alone along the foundation walls and around pillars and other foundation elements at the rate indicated 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.
- **DO NOT** treat a structure below the bottom of the footing.

Concrete Slab on Ground or in Basements (including Monolithic/Floating/Supported Concrete Slabs)

Horizontal treated zone(s) and interior vertical treated zone(s) applications should be made before covering area with the concrete slabs.

Horizontal Treated Zones
Apply an overall treatment of 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution to the entire surface that is 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. Apply at the rate of 1.0 to 1.5 gallons **Termidor SC** finished dilution per 10 square feet. For horizontal treatments around anything that will penetrate the slab (e.g., utility service, plumbing lines), apply **Termidor SC** finished dilution at the rate of 1.0 to 1.5 gallons finished dilution per one square foot. Make these applications using a coarse application nozzle with a nozzle pressure of 25 PSI or less, spraying the dilution evenly and uniformly over the entire area treated.

If the concrete slab is poured before horizontal treatment, **Termidor SC** finished dilution must be used to treat penetrations, joints, bath traps, shower pan drain accesses, etc., as detailed in the **Post-construction Conventional Structural Termite Treatments** section of this label. However, it is advised that complete horizontal treated zones be created before slab pour.

Vertical Treated Zones
Apply **Termidor SC** finished dilution at the rate of 1.0 to 1.5 gallons finished dilution per square foot around anything penetrating the slab (e.g., utility services, plumbing lines). Apply 4 gallons of 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution per 10 linear feet per foot of depth along the interior and exterior perimeter of

foundation walls and around pillars and other foundation elements. Treatments to the exterior perimeter of foundation walls and other exterior foundation elements must only be made after completion of the final exterior grade. Use low-pressure spray (25 PSI or less at the nozzle) to treat soil as it is replaced into the trench.

- Make vertical treatments by trenching and rodding into the trench or by trenching alone from grade to a minimum depth of the top of the footing, or if the footing is more than 4 feet below grade, to a minimum depth of 4 feet. **DO NOT** treat a structure below the bottom of the footing. When rodding from grade or from the bottom of the trench, rod holes must be spaced no wider than 12 inches apart and not extend below the footing.

Crawl Spaces

For crawl spaces, apply vertical treatments of 0.06%, 0.09%, or 0.125% **Termidor® SC Termiticide/Insecticide** finished dilution at the rate of 4 gallons 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 all piers and pipes. Where physical obstructions such as concrete walkways adjacent to foundation elements prevent trenching, make treatment by rodding alone. When soil type and/or conditions make trenching prohibitive, use rodding. When the top of the footing is exposed, the applicator must treat the soil adjacent to the footing to a depth of 4 feet or not to exceed the bottom of the footing. Mix the finished dilution with the soil as it is replaced in the trench.

- **DO NOT** treat a structure below the bottom of the footing. When rodding from grade or from the bottom of the trench, rod holes must be spaced no wider than 12 inches apart and not extend below the bottom of the footing.

Hollow Block Foundations/Voids

Hollow block foundations or voids in masonry resting atop the footing may be treated to create continuous treatment zones in treatment areas. Drill and treat voids in multiple masonry elements of the structure extending from the structure to the soil to create continuous treatment zones in the treatment area. Drill and treat into voids of masonry elements, if not openly accessible. Apply at the rate of 2 gallons of 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution per 10 linear feet of footing using a nozzle pressure of 25 PSI or less. When using this treatment, drill access holes below the sill plate and as close as possible to the footing as is practical. Applicators must inspect areas of possible runoff (e.g., voids and blocks, rubble foundation walls) as a precaution against application leakage in the treated areas. Some areas may not be treatable or may require mechanical alteration before treatment.

Post-construction Conventional Structural Termite Treatments

Basic Information for Post-construction Conventional Structural Termite Treatments

For post-construction conventional **Termidor SC** applications made after the final grade is installed to protect the structure from termite infestation and/or for controlling existing termite populations, use a 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution.

The applicator must trench and rod into the trench or trench alone along the foundation walls and around pillars and other foundation elements from grade to the top of the footing. When trenching, trenches must be a minimum of 6 inches deep (no deeper than the bottom of the footing) 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 **Termidor SC** finished dilution from running out of the trench. Mix the finished dilution with the soil as it is replaced in the trench.

When the footing is more than 4 feet below grade, the applicator has the option to either (1) trench and rod to a minimum depth of 4 feet into the trench along the foundation walls or (2) trench alone along the foundation walls to a minimum depth of 4 feet. The actual depth of treatment will vary depending on soil type, degree of compaction, and location of termite activity. When the top of the footing is exposed, the applicator must treat the soil adjacent to the footing to a depth of 4 feet but not to exceed the bottom of the footing. **DO NOT** treat a structure below the bottom of the footing.

Exterior concrete structures adjoining the foundation (e.g., patios, porches, sidewalks) may be drilled followed by a sub-slab injection treatment of **Termidor SC** finished dilution so as to complete the exterior perimeter treatment zones along the foundation walls. All drill holes in commonly occupied areas into which **Termidor SC** finished dilution has been applied must be plugged. Plugs must be of a non-cellulose material or covered by an impervious, non-cellulose material such as Portland cement.

DO NOT apply **Termidor SC** finished dilution until location and type of the following construction elements are known and identified. **DO NOT** puncture any of these during application.

- Electrical lines/conduits
- Heat or air-conditioning ducts and vents
- Water and sewer (or plumbing) lines

Concrete Slab Over Soil (including Monolithic/Floating/Supported Concrete Slabs)

Exterior Perimeter

Apply 4 gallons of 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution by trenching and rodding into the trench or trenching alone along the foundation 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. Rod holes must be spaced no wider than 12 inches apart and not extend below the bottom of the footing.

Sub-slab Injection
Sub-slab injection treatments using a 0.06%, 0.09%, or 0.125% **Termidor® SC Termiticide/Insecticide** finished dilution can be made from the interior of the structure, or, in cases when this is not possible, by drilling through the foundation from the exterior as follows:

- **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 concrete expansion joints, cracks, plumbing, and utility services penetrating the slab. If there is clear evidence of termite activity or damage in an interior partition wall, it may be necessary to drill holes along one side of the slab adjacent to the interior partition wall. All drill holes through the slab must be spaced no wider than 12 inches apart. Apply **Termidor SC** finished dilution to the soil below the slab by injecting through the holes drilled through the slab at the rate of 4 gallons per 10 linear feet per foot of depth. For best results, applications can be made with a lateral-dispersal nozzle.
- **Horizontal Drilling/Rodding/Sub-slab Injection from the Exterior of the Foundation** - Use this technique to treat underneath the slab only when floors or interior design elements do not allow for vertical drilling. Horizontal short-rodding practices can be used to establish a continuous treated zone in the soil closest to the interior of the foundation wall. Drill holes from the exterior of the foundation at an angle which allows **Termidor SC** finished dilution 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 not accessible by vertical rodding or horizontal short-rodding. **DO NOT** use long rods exceeding 20 feet. For horizontal rodding applications, drill holes through the foundation must be spaced no wider than 12 inches apart. Inject **Termidor SC** finished dilution into the holes at the rate of 4 gallons per 10 linear feet per foot of depth. These applications can be made with a lateral-dispersal nozzle.
- **Shower Pan Drains** - Soil beneath and adjacent to shower pan drains may be treated. Drill through the slab adjacent to the shower pan drain and apply **Termidor SC** finished dilution by sub-slab injection to the soil below. Foam can be used to maximize dispersion. Multiple access points adjacent to the shower pan drain may be drilled. A directional dispersion tip may be used to enhance treatment of the soil below the shower pan drain. Treat soil with a minimum of 1 gallon, but no more than 4 gallons **Termidor SC** finished dilution per shower pan drain. Horizontal rodding can be used to access and treat the soil associated with the shower pan drain.
- **Bath Traps** - Treat exposed soil or soil covered with tar or similar sealant beneath or around plumbing and/or drainpipe entry areas. Tar or sealant may have to be removed to allow for adequate soil treatment. An access door or inspection portal may be installed if not already present. After inspection and removal of wood/cellulose debris, the soil can be treated by rodding or drenching the soil with **Termidor SC** finished dilution at the rate of 1 to 4 gallons per square foot.

Structures with French Drains and Sump Pumps

French drains eliminate water at the footing along a foundation perimeter. They are common in hollow block foundation structures to drain water seeping from the exterior perimeter or underneath the foundation. Soil must be dry before applying to sites with French drains. **DO NOT** rod through the slab any closer than 24 inches to the French drain to prevent **Termidor SC** finished dilution seepage and/or damage to the drain or the tiles. **DO NOT** apply **Termidor SC** within 5 feet of the sump pump pit and pump. To prevent drainage/seepage from the block into the drain, **DO NOT** drill through hollow block foundations that border the French drain.

Once French drains have been identified and located, apply a 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution as follows:

1. Unplug the sump pump. Inspect sump pump pit for water. If no water is present, the treatment can be made provided the sump pump remains unplugged, or
2. if water is in the sump pump pit, unplug the sump pump and remove four cups of water from the sump pump pit. Mark the water level. Wait 10 minutes and check the water level in the sump pump pit again. If the water level has risen, there is too much seepage to perform the treatment at this time. If the water level does not rise, make the treatment provided the sump pump remains unplugged.

During application, check the sump pump pit every few minutes for the presence of **Termidor SC** finished dilution. If detected, stop treatment immediately and remove the contents of the sump pump pit before plugging in the sump pump again. Either apply the removed sump pump pit contents to a labeled site or dispose of the removed contents as directed by this label in the **Pesticide Disposal** section.

Note: For structures with French drains located adjacent to the outside of the foundation, refer to the **Structures with Adjacent Wells/Cisterns and/or Other Water Bodies** section of this label.

Basement Structures

Exterior Perimeter
Apply by trenching and rodding into the trench or trenching alone along the exterior foundation perimeter at the rate of 4 gallons of 0.06%, 0.09%, or 0.125% **Termidor SC** 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. Rod holes must be spaced no wider than

12 inches apart. **DO NOT** treat a structure below the bottom of the footing.

Interior Perimeter
To treat under the basement floor slab, drill vertically through the slab along the interior perimeter of the foundation. Drill holes along concrete expansion joints, cracks, plumbing, and utility services penetrating the slab. Drill holes along both sides of partition foundation walls. 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 must be spaced no wider than 12 inches apart. Inject 0.06%, 0.09%, or 0.125% **Termidor® SC Termiticide/Insecticide** finished dilution into the drill holes at the rate of 4 gallons per 10 linear feet per foot of depth. This application can be made with a lateral-dispersal nozzle.

Crawl Spaces

NOTE: Before treatment, turn off any air circulation system that moves air from area(s) to be treated to an untreated interior space of the structure until application has been completed and all Termidor SC finished dilution has been absorbed by the soil.

Accessible Crawl Space Construction
For accessible crawl spaces, apply vertical treatments of 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution at the rate of 4 gallons 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 alone. Treat both sides of the foundation and around all piers and pipes. Where physical obstructions such as concrete walkways adjacent to foundation elements prevent trenching, treatment may be made by rodding alone. When soil type and/or conditions make trenching prohibitive, rodding may be used. When the top of the footing is exposed, the applicator must treat soil adjacent to the footing to a depth not to exceed the bottom of the footing.

- **DO NOT** treat a structure below the bottom of the footing. When rodding from grade or from the bottom of the trench, rod holes must be spaced no wider than 12 inches apart and not extend below the bottom of the footing.

To prevent standalone (i.e., not associated with foundation elements) termite shelter tube formation between soil and structural members in previously untreated area(s), an overall soil treatment of **Termidor SC** may be applied. Remove all cellulose debris before treatment. Apply at 1.0 to 1.5 gallons of 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution per 10 square feet to provide uniform treated zones. Apply using a coarse application nozzle with a nozzle pressure of 25 PSI or less.

Inaccessible Crawl Space Construction
For inaccessible interior areas (e.g., areas where there is insufficient clearance between floor joists and ground surfaces to allow operator access), excavate, if possible, and treat according to the instructions for accessible crawl spaces. Otherwise, apply one or a combination of the following two methods:

1. To establish treated zones, apply to the soil, wood, and/or structural members at 1.0 to 1.5 gallons of 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution per 10 square feet using a coarse application nozzle with a nozzle pressure of 25 PSI or less. 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 high pressure.
2. To establish treated zones, drill through the foundation wall or through the floor above and treat the soil adjacent to the foundation wall and/or soil, wood, and structural members at the rate of 1.0 to 1.5 gallons of 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution per 10 square feet. Drill spacing must be at intervals no wider than 16 inches apart. Check state regulations; many states have smaller intervals. Soil adjacent to foundation elements may be treated with short-rodding or long-rodding techniques without drilling if access for treatment tool to soil site is available.

Hollow Block Foundations/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 to create continuous treatment zones in the treatment area. Applicators may drill and treat into voids of masonry elements if not openly accessible. Apply at the rate of 2 gallons of 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution per 10 linear feet of footing using a nozzle pressure of 25 PSI or less. When using this treatment, drill access holes below the sill plate and as close as possible to the footing as is practical. Applicators must inspect areas of possible runoff (e.g., voids and blocks, rubble foundation walls) as a precaution against application leakage in the treated areas. Some areas may not be treatable or may require mechanical alteration before treatment.

Treatment of Structures with Wells or Cisterns

- **DO NOT contaminate wells or cisterns.**
- **DO NOT** apply **Termidor SC** finished dilution within 5 feet of any well or cistern.

Soil between 5 and 10 feet from a well or cistern must only be treated by the backfill method described here. Treatment of soil adjacent to water pipes within 3 feet of grade must only be done by the backfill method.

Backfill Method

1. Trench and remove soil to be treated and place onto heavy plastic sheeting or similar material or into a wheelbarrow.
2. Treat soil at the rate of 4 gallons 0.06%, 0.09%, or 0.125% **Termidor® SC Termiticide/Insecticide** finished dilution per 10 linear feet per foot of depth of the trench, or 1 gallon per cubic foot of soil. Mix thoroughly into the soil to contain the liquid and prevent runoff or spillage.
3. After the soil has absorbed the **Termidor SC** finished dilution, return the soil into the trench.

Structures with Adjacent Wells/Cisterns and/or Other Water Bodies

Applicators must inspect all structures near water sources (e.g., wells, cisterns, surface ponds, streams, other bodies of water) and evaluate, at a minimum, the following treatment directions before application of 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution.

1. Before 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. Treat soil adjacent to the water pipe(s) according to the backfill method described above.
2. Before treatment, applicators are advised to take precautions to limit the risk of applying **Termidor SC** finished dilution into subsurface drains that could empty into bodies of water. Precautions include evaluating whether application to the top of the footing will result in contamination of the subsurface drain. The applicator should take into account factors such as depth to the drain system, soil type, and degree of soil compaction when determining the depth of treatment.
3. When appropriate (e.g., on the water side of the structure), the treated backfill method can also be used to minimize off-site movement of **Termidor SC** finished dilution.

Plenum Construction

NOTE: Before treatment, turn off any air circulation system that moves air from area(s) to be treated to an untreated interior space of the structure until application has been completed and all Termidor SC finished dilution has been absorbed by the soil.

Follow the directions listed in **Accessible Crawl Space Construction**, including instructions for sloping (tiered) soils, when making applications of 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution to the soil exterior to the foundation walls.

For interior treatment of plenum structures that use a sealed underfloor space to circulate heat and/or cooled air throughout the structure:

1. Ensure the sealing fabric and anything on the sealing fabric is removed 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 preceding instructions for exterior and interior treatment of **Accessible Crawl Space Construction**.
2. After the **Termidor SC** finished dilution has been absorbed by the soil, replace the sealing fabric and anything to be placed on the fabric to its original, pre-treatment position.

Post-construction Exterior Perimeter/Localized Interior (EP/LI) Structural Termite Treatments

Basic Information for Post-construction EP/LI Structural Termite Treatments

For post-construction Exterior Perimeter/Localized Interior (EP/LI) **Termidor SC** applications made after the final grade is installed to protect the structure from termite infestation and/or for controlling existing termite populations, use a 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution.

Termidor SC finished dilution can be used to protect structures by following either the use directions in the **Post-construction Conventional Structural Termite Treatments** or the **Post-construction Exterior Perimeter/Localized Interior (EP/LI) Structural Termite Treatments** sections of this label. For structural termite protection, first establish a continuous treated zone along the exterior of the foundation of the structure. Localized interior treatments are also made to areas where known termite activity is observed. If no termite activity is observed on the interior of the structure at treatment time, interior local treatments are not required.

The EP/LI treatment method is designed to be non-invasive to the interior of the structure by applying a continuous treatment along the exterior of the foundation and treating interior areas that show termite activity. It may not be considered a conventional complete treatment. If you have questions regarding this treatment, consult your lead state agency.

Termite activity is defined as one or more of the following infestation conditions:

- Alates (winged termites) have swarmed in the interior of the structure or live termites are found to be active within the structure.
- There is clear evidence of termite activity on or in the structure (e.g., mud tubes, galleries in wood) and live termites.

DO NOT apply **Termidor SC** finished dilution as an EP/LI treatment at an application volume or rate less than specified within the **Post-construction Exterior Perimeter/Localized Interior (EP/LI) Structural Termite Treatments** section of this label.

Exterior Perimeter Treatment

When conducting an exterior perimeter application, **Termidor® SC Termiticide/Insecticide** finished dilution must be applied to provide a continuous treatment zone to prevent termites from infesting the structure. All drill holes in commonly occupied areas into which **Termidor SC** finished dilution has been applied must be plugged. Plugs must be of a non-cellulose material or covered by an impervious, non-cellulose material such as Portland cement.

When trenching, trenches must be a minimum of 6 inches deep (no deeper than the bottom of the footing) 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 **Termidor SC** finished dilution from running out of the trench. Mix the finished dilution with the soil as it is replaced in the trench.

Where physical obstructions (e.g., concrete walkways adjacent to foundation elements) prevent trenching, treatment may be made by rodding alone. When soil type and/or conditions make trenching prohibitive, rodding may be used with rod holes no wider than 12 inches apart. Drilling and sub-slab injection treatment of sub-soil is necessary for exterior concrete structures adjoining the foundation (e.g., patios, porches, sidewalks) to complete the exterior perimeter treatment zone. For driveways, exterior drilling is necessary only around building supports or wall elements that are permanently and physically located at driveway joints. **DO NOT** treat a structure below the bottom of the footing.

Concrete Slab on Ground (including Monolithic/Floating/Supported Concrete Slabs)
Apply along the exterior foundation perimeter by trenching and rodding into the trench or trenching alone at the rate of 4 gallons 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution per 10 linear feet per foot of depth. Rod holes must be spaced to create a continuous treatment zone but no wider than 12 inches apart. **DO NOT** treat a structure below the bottom of the footing.

Basement and Inaccessible Crawl Space Construction
For basements, apply along the exterior foundation perimeter by trenching and rodding into the trench or trenching alone at the rate of 4 gallons of 0.06%, 0.09%, or 0.125% **Termidor SC** finished 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. Rod holes must be spaced to create a continuous treatment zone but no wider than 12 inches apart. **DO NOT** treat a structure below the bottom of the footing.

If termite activity is found on the interior of an inaccessible crawl space, the area with termite activity must be treated at a rate of 1.0 to 1.5 gallons of 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution per 10 square feet. A localized interior treatment must be made at the site of the termite activity and at least 2 feet in both directions from the termite activity. Choose the appropriate application technique for treating inaccessible crawl space construction from the techniques listed earlier in the **Post-construction Conventional Structural Termite Treatments** section of this label. When the top of the footing is exposed, the applicator must treat soil adjacent to the footing to a depth not to exceed the bottom of the footing.

Accessible Crawl Space Construction
NOTE: Before treatment, turn off any air circulation system that moves air from area(s) to be treated to an untreated interior space of the structure until application has been completed and all Termidor SC finished dilution has been absorbed by the soil.

For accessible crawl spaces, apply vertical treatments of 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution at the rate of 4 gallons 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. Treat the exterior of the foundation and around all piers and pipes where they touch soil. Where physical obstructions such as concrete walkways adjacent to foundation elements prevent trenching, make treatment by rodding alone. When soil type and/or conditions make trenching prohibitive, use rodding. When the top of the footing is exposed, the applicator must treat soil adjacent to the footing to a depth not to exceed the bottom of the footing.

- **DO NOT** treat a structure below the bottom of the footing. When rodding from grade or from the bottom of the trench, rod holes must be spaced no wider than 12 inches apart and must not extend below the bottom of the footing.

To prevent standalone (i.e., not associated with foundation elements) termite shelter tube formation between soil and structural members in previously untreated area(s), an overall soil treatment of **Termidor SC** may be applied. Remove all cellulose debris before treatment. Apply at 1.0 to 1.5 gallons of 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution per 10 square feet to provide uniform treated zones. Apply using a coarse application nozzle with nozzle pressure of 25 PSI or less.

Garages
Attached garage floors should be treated in structures.

Sub-slab Injection. Sub-slab injection treatments using a 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution can be made from the interior of the garage, or, in cases where this not possible, by drilling through the foundation from the exterior as follows:

- **Vertical Drilling/Injection** - To treat under the slab, drill vertically through the slab along the interior perimeter of the garage foundation. Drill holes can be placed along concrete expansion joints, cracks, plumbing, and utility services penetrating the slab. If there is termite activity or damage in the wall, it may be necessary to drill holes

along one side of the slab adjacent to an interior partition wall. All drill holes through the slab must be spaced no wider than 12 inches apart. Inject 0.06%, 0.09%, or 0.125% **Termidor® SC Termiticide/Insecticide** finished dilution through the holes drilled through the slab at the rate of 4 gallons per 10 linear feet per foot of depth. For best results, make applications with a lateral-dispersal nozzle.

- **Horizontal Drilling/Rodding/Sub-slab Injection from the Exterior of the Garage Foundation** - Use this technique to treat underneath the slab only when floors or interior design elements do not allow for vertical drilling. Horizontal short-rodding practices can be used to establish a continuous treated zone in the soil closest to the interior of the foundation wall. Drill holes from the exterior of the foundation at an angle that allows **Termidor SC** finished dilution 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 not accessible by vertical rodding or horizontal short-rodding. **DO NOT** use long rods exceeding 20 feet. For horizontal rodding applications, drill holes through the foundation must be spaced no wider than 12 inches apart. Inject a 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution into the holes at the rate of 4 gallons per 10 linear feet per foot of depth. These applications can be made with a lateral-dispersal nozzle.

Localized Interior Treatment

Targeted interior applications may be made to vulnerable areas such as around plumbing/utility lines penetrating floors, shower pan drain, bath traps, or along expansion joints or settlement cracks. However, if known termite activity exists (as described at the beginning of the **Post-construction Exterior Perimeter/Localized Interior (EP/LI) Structural Termite Treatments** section of this label) in areas on the interior of the structure's living spaces (i.e., occupied areas of the structure) or non-living spaces (e.g., crawl spaces, plenums), a localized interior treatment must be made at the site of termite activity and at least 2 feet in two or more directions radiating from the site. All drill holes in commonly occupied areas into which **Termidor SC** finished dilution has been applied must be plugged. Plugs must be of a non-cellulose material or covered by an impervious, non-cellulose material such as Portland cement.

NOTE: In conjunction with **Termidor SC** finished dilution localized interior treatments, **Termidor® *DRY* termiticide (EPA Reg. No. 499-546)** may be applied to areas where termite damage is observed or where termite activity is present or suspected. **Termidor *DRY*** may only be applied in accordance with its approved label directions.

Interior Concrete Floor
If termite activity occurs in an interior wall or structural member, the area under the floor and behind the wall adjacent to the termite activity must be treated with a 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution at a rate equal to 4 gallons per 10 linear feet. Foam can be used to maximize dispersion.

Hollow Block Foundations/Voids
If termite activity occurs in or in the vicinity (within 2 feet) of hollow block foundations or voids in masonry resting atop footings, the wall adjacent to the termite activity must be drilled if not openly accessible. Inject a 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution into the void at a rate of 2 gallons per 10 linear feet of footing using a nozzle pressure of 25 PSI or less. This localized interior treatment to hollow block must be made at the site of the termite activity and to areas above the termite activity. Treatment must be made at least 2 feet in two or more directions radiating from the site of termite activity or along the wall pier or support post. Foam can be used to maximize dispersion. When using this treatment, drill access holes below the sill plate and as close to the footing as is practical. Applicators must inspect areas of possible runoff (e.g., voids and blocks, rubble foundation walls) as a precaution against application leakage in the treated areas. Some areas may not be treatable or may require mechanical alteration before treatment.

Shower Pan Drains
If termite activity is observed within two feet of a shower pan drain, soil beneath and adjacent to the shower pan drain must be treated. Drill through the slab adjacent to the shower pan drain and apply a 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution by sub-slab injection to the soil below. Foam can be used to maximize dispersion. Multiple access points may be drilled adjacent to the shower pan drain. A directional dispersion tip may be used to enhance treatment of the soil below the shower pan drain. Treat soil with a minimum of 1 gallon, but no more than 4 gallons, of **Termidor SC** finished dilution per shower pan drain. Horizontal rodding can be used to access and treat soil associated with the shower pan drain.

Bath Traps
If termite activity is observed within 2 feet of the bath trap, treat exposed soil or soil covered with tar or similar sealant beneath or around plumbing and/or drain pipe entry areas. Tar or sealant may have to be removed to allow for adequate soil treatment. An access door or inspection portal may be installed if not already present. After inspection and removal of all wood/cellulose debris, soil can be treated by rodding or drenching the soil with 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution at the rate of 1 to 4 gallons per square foot.

Use with Other Termiticide Products

Use with Borate-based Termiticide Products

When a borate-based termiticide product is used as the primary pre-construction termite treatment and is applied according to that termiticide's label directions for use, a 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution may be applied as an exterior perimeter pre-construction termite treatment. If the exterior perimeter pre-construction termite treatment option is selected, **Termidor SC** finished

dilution must be applied to create a continuous treated zone along the exterior foundation of the structure. A complete and thorough horizontal pre-construction termite treatment with **Termidor® SC Termiticide/Insecticide** finished dilution under the concrete slab is optional. **Termidor SC** finished dilution may also be applied to critical areas of the interior of the structure (e.g., plumbing and utility entry sites, bath traps, shower pan drain penetrations, expansion joints, foundation cracks, outside foundation walls, areas of known or suspected termite activity).

For applications to the exterior perimeter and critical areas, follow instructions in the **Post-construction Exterior Perimeter/Localized Interior (EP/LI) Structural Termite Treatments** section of this label.

Use with Non-borate-based Termiticide Products

Termidor SC finished dilution may be applied as a spot/partial supplemental termite treatment when another registered non-borate-based termite prevention and/or control product/system is used as the primary treatment. These supplemental **Termidor SC** treatments can be made to critical areas of the structure (e.g., plumbing and utility entry sites, bath traps, shower pan drain penetrations, expansion joints, foundation cracks, outside foundation walls, areas of known or suspected termite activity at either pre-construction or post-construction sites) according to **Use Directions for Prevention and/or Control of Termites and Other Wood-infesting Pests** on this label.

Prevention and/or Control of Wood-infesting Pests

Above Ground Termites and Carpenter Ants in Localized Areas

Carpenter ant use in above ground localized areas not registered in California.

For prevention and/or control of above ground termites and carpenter ants in localized areas, apply 0.06% **Termidor SC** finished dilution (or foam) to:

- Voids and galleries in damaged wood, in spaces between wooden structural members, and between the sill plate and foundation where wood is vulnerable. Applications may also be made to inaccessible areas by drilling and injecting into the structural voids or damaged wood.
- Termite carton nests in structural voids. Application at multiple injection points to varying depths may be necessary. Carton nest material may be removed from structural voids.
- Man-made voids using a coarse fan application (or foam) to control exposed worker and winged reproductive forms of termites or carpenter ants

Termites or Carpenter Ants in Trees or Nonstructural Wood or Wood-to-soil Contacts

Carpenter ant use in trees or nonstructural wood or wood-to-ground contacts not registered in California.

DO NOT treat fruit-bearing or nut-bearing trees.

For prevention and/or control of existing or future infestations of termites or carpenter ants in decking and fencing materials, landscape timbers and similar nonstructural wood-to-soil contacts, trees, and utility poles, apply 0.06% **Termidor SC** finished dilution (or foam) by the following methods.

- If possible, locate and treat the interior infested cavity by injection.
- Nonstructural wood-to-soil contacts may be treated as a spot application or continuous treated zone. Apply **Termidor SC** to the soil as a drench or by rodding around the base of the points of soil contact. Rod holes must be placed 3-inches away from soil contact points and spaced no more than 12-inches apart along the perimeter of soil contact points.
- For small poles or posts (i.e., less than 6 inches in diameter), apply 1 gallon of **Termidor SC** finished dilution per foot of depth. For larger poles or posts, apply 4 gallons of **Termidor SC** finished dilution per 10 linear feet per foot of depth.

Termite Carton Nests in Trees

DO NOT treat fruit-bearing or nut-bearing trees.

For control of termite carton nests in trees, inject 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution (or foam). Application to multiple injection points to varying depths may be necessary. Carton nest material may be removed from tree(s).

In all states **except California**, an application of the **Termidor SC** finished dilution may be applied to soil as a drench or by rodding around the root flare of the tree to prevent reinfestation by termites from the soil. For small trees, (i.e., less than or equal to 6 inches in diameter), apply 1 gallon of **Termidor SC** finished dilution. For larger trees, apply 4 gallons of **Termidor SC** finished dilution per 10 linear feet measured as the circumference at the root flare.

Drywood Termites and Wood-infesting Beetles or Borers

Wood-infesting beetle or borer uses not registered in California.

NOTE: Before treatment, turn off any air circulation system that moves air from area(s) to be treated to an untreated interior space of the structure until application has been completed and sprays have dried.

Treat galleries in structural and/or nonstructural elements and structural voids with 0.06% **Termidor SC** finished

dilution using a foam, low-pressure spray (25 PSI or less at the nozzle), or mist.

- Locate galleries using visual signs (e.g., blistered wood, emergence or clean out holes, frass, or pellets), the presence of live insects, mechanical sounding techniques, or listening devices (e.g., acoustic emission detectors, stethoscopes).
- Drill holes to penetrate the gallery system for treatment; distribute drill holes to adequately cover the gallery system.
- It is not necessary to treat to the point where runoff is detected from adjacent holes.
- **DO NOT** apply where electrical shock hazards exist.
- Drill holes must be sealed after treatment.

Carpenter Bees in Localized Areas

Carpenter bee use in localized areas not registered in California.

For control of carpenter bees in localized areas, apply 0.06% **Termidor® SC Termiticide/Insecticide** finished dilution (as a spray, mist, or foam) directly into gallery entrance holes. After application, gallery entrance holes should be plugged.

Retreatment Instructions

For termite pre-construction, termite post-construction, and prevention and/or control of wood-infesting pests, retreatment can only be performed if there is clear evidence of any of the following:

- Reinfestation or disruption of the treated zone(s) because of construction, excavation, or landscaping; and/or
- Evidence of the breakdown of **Termidor SC**.

These reinfested/disrupted/vulnerable areas may be retreated with spot, partial, or complete treatment(s) using application techniques described in this label. The timing and type of these retreatments will vary depending on factors such as termite or wood-infesting pest pressure, soil types, soil conditions, and other factors that can reduce the effectiveness of the treated zone.

Annual retreatment of the structure is prohibited unless there is clear evidence that reinfestation, treatment-zone disruption, and/or evidence of breakdown has occurred.

Use Directions for General Pest Control on Structure Exterior Surfaces and Foundation Perimeters

Use Restrictions

- Structures permitted to be treated: commercial, industrial, institutional, and residential buildings, and utility enclosures.
- **DO NOT** use indoors except for applications into structural voids.
- **DO NOT** make treatments while precipitation is occurring.
- **DO NOT** allow applications to runoff or drip from treated surface.
- Only protected applicators wearing personal protective equipment (PPE), as required by this product label, are allowed to be in the immediate area during application.
- **DO NOT** allow residents, children, other persons, or pets into the immediate area during application and until sprays have dried.
- After application, the applicator must check for deposition of treatment finished dilution in locations other than those prescribed on this label. If found, finished dilution must be cleaned up before leaving the application site. **DO NOT** allow residents, children, other persons, or pets to contact contaminated areas or to reoccupy contaminated areas of the structure until cleanup is completed.
- **DO NOT** treat within a distance of one foot out from edible plants.
- **DO NOT** contaminate water, food, or feed. Cover or remove all exposed food, feed, and drinking water.
- **DO NOT** contaminate public and private water supplies.
- **DO NOT** apply within 15 feet of fresh water bodies (e.g., lakes, reservoirs, rivers, permanent streams, marshes, natural ponds, commercial fish ponds). A 15-foot buffer of uniform groundcover must exist between the application area and fresh water bodies. **NOTE:** Uniform ground cover is defined as land which supports vegetation of greater than 2 inches in height throughout.
- **DO NOT** apply within 60 feet of estuarine water bodies. Estuarine water bodies are brackish or tidal water bodies (e.g., bays, mouths of rivers, salt marshes, lagoons).
- Doors and windows adjacent to surfaces to be treated must be closed during application.
- **DO NOT** apply to wasp or hornet nests if they are not attached to the structure exterior or inside structural voids.
- **DO NOT** directly spray air conditioning units or air intake vents.
- **DO NOT** apply to playground equipment and pet quarters.
- **DO NOT** apply to boat houses, including their piers or pilings.
- **DO NOT** use in a spray tank with borate contaminants.

Additional California Specific Use Restrictions

- **DO NOT** apply to garage doors, driveway, vertical surfaces above the driveway or garage door, or to cracks and crevices leading or adjacent to the driveway such as the expansion joint between garage and driveway.
- **Only** use of the 0.03% **Termidor SC** finished dilution is permitted.
- **DO NOT** apply more than 4 times per year.
- **DO NOT** re-apply at intervals less than 60 days.
- For foundation exterior perimeter treatments, apply **Termidor SC** finished dilution as a low-pressure (25 PSI or less at the nozzle) coarse general surface spray along the foundation exterior perimeter to an area six inches up and six inches out from where the ground meets the foundation.

(continued)

Additional California Specific Use Restrictions *(continued)*

- **DO NOT** apply spray bandwidth at greater than 6 inches out or up from where the foundation meets the ground.
- **DO NOT** make application on any date between November 1 and February 28.

Product Information

When used as directed in this label, **Termidor® SC Termiticide/Insecticide** will kill and provide residual control of the following pests:

- ants (acrobat, Argentine, big-headed, carpenter, crazy, odorous, pavement, pharaoh, thief)

Additionally, **Termidor SC** will kill the following pests:

- beetles (Asian lady, darkling)
- bugs (box-elder, pill)
- centipedes
- cockroaches (Australian, Oriental, smokey brown)
- crickets, house
- earwigs, European
- flies, cluster
- millipedes
- silverfish
- spiders (black widow, brown recluse, cellar, hobo)
- ticks, brown dog
- wasps, paper*
- yellow jackets

* **Termidor SC** is not a knockdown agent.

Mixing Instructions

Mix **Termidor SC** in the following manner:

1. Fill tank 1/4 to 1/3 full with 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. To prepare 1 gallon of a 0.06% (or 0.03%) finished dilution, add 0.8 fl oz (or 0.4 fl oz) of **Termidor SC** to the treatment tank.
3. While agitating, add the remaining amount of water to make 1 gallon.
4. Continue to agitate while treating.

Application Rates

(Table 5.) Maximum Termidor SC Finished Dilution Rate and Application Frequency*

0.03% 4 times/ calendar year	0.06% 2 times/ calendar year†	0.03% 2 times/calendar year and 0.06% 1 time/calendar year†

*In California, **ONLY** the 0.03% dilution may be applied at 1 quart per 160 feet (see **Mixing Instructions** above or **Table 1**).
†Not for use in California.

Applications to Exterior Surfaces of Structures and/or into Structural Voids

In California, only the 0.03% **Termidor SC** finished dilution applied up to 4 times per calendar year is permitted and reapplication intervals less than 60 days are prohibited.

Apply **Termidor SC** finished dilution (or foam) where listed pests: enter the structure, crawl and hide or trail, or where their nests are found. Using a low-pressure (25 PSI or less at the nozzle) coarse banded surface spray, treat up to an 18-inch wide band around doors, pipes, vents, windows, or any other exterior openings. Treat with a crack-and-crevice injection tip at drilled holes or foundation cracks where listed pests can enter the structure. Treat the joint where exterior siding (e.g., aluminum, vinyl, wood, or any similar material) meets the block, brick, or cement foundation. Treat areas where any wires (e.g., cable, electrical, telephone) enter the house. **Termidor SC** foam applications may be made to wall voids to kill/control listed pests according to the **Foam Applications for Prevention and/or Control of Termites, Wood-infesting Pests, and General Pest Control** section of this label.

Applications to Structure Foundation Perimeters

In California, only the 0.03% **Termidor SC** finished dilution applied up to 4 times per calendar year is permitted and reapplication intervals less than 60 days are prohibited.

Apply **Termidor SC** finished dilution as a low-pressure (25 PSI or less at the nozzle) coarse general surface spray along the foundation exterior perimeter to an area one foot up and one foot out (In California apply a maximum of six inches up and six inches out) from where the ground meets the foundation. In California **DO NOT** apply to driveways, garage doors, or vertical surfaces above the driveway or garage door, or to cracks and crevices in those areas such as the expansion joint between garage and driveway. Apply 2 quarts (in California 1 quart) of **Termidor SC** finished dilution per 160 linear feet. (**NOTE:** This is approximately 1.5 gallons (in California 3 quarts) finished dilution per 1000 square feet.)

For best results, remove or prune away bushes, shrubbery, and tree branches touching the structure. Vegetation touching the structure may be a route of entry for pests into the structure. This may allow pests to inhabit the structure without coming in contact with the treatment.

Foam Applications for Prevention and/or Control of Termites, Wood-infesting Pests, and General Pest Control

Construction practices, soil subsidence, and other factors may make it difficult to create a continuous treatment zone. In such situations, conventional liquid application methods can be supplemented by use of foam-generating equipment. Treatment of filled stoops and porches, chimney bases, piers, soil under concrete slabs, block voids, masonry and other veneer voids, and stud walls are examples where foam applications can be useful. Use dry foam (from a range of relatively dry foam of 15:1 to 25:1 to 50:1 expansion ratio) when making foam applications to stud wall voids. Apply foam to structural voids where termites, other wood-infesting pests, or general pests (as listed in this label) or their damage is present or suspected.

For subterranean termites, in some instances, a **foam-only treatment** under slabs is appropriate when trying to maximize horizontal coverage in areas where there is no deep foundation or footing (e.g., around plumbing entries, near settlement cracks in concrete slabs). In areas where both lateral spread and deeper vertical penetration is needed, use both foam and conventional liquid (e.g., adjacent to foundation walls). Foam and conventional liquid applications must be consistent with volume and active ingredient instructions to ensure proper application has been made. The volume and amount of active ingredient are essential for an effective treatment.

- At least 75% of the gallons of **Termidor® SC Termiticide/Insecticide** finished dilution must be applied as a conventional liquid treatment.
- The remaining 25% or less of the gallons of **Termidor SC** is delivered to appropriate locations using foam application.

The total amount of product applied with the combination of **Termidor SC** finished dilution and **Termidor SC** foam must be equivalent to that of an application of liquid **Termidor SC** finished dilution only. In many instances, foam applications are a good supplement to conventional liquid treatments and can be helpful in treating difficult areas.

Foam Mixing Instructions and Application
Prepare a 0.06%, 0.09%, or 0.125% **Termidor SC** finished dilution and mix it with the manufacturer's recommended volume of foaming agent in foaming equipment. Apply a sufficient volume of the **Termidor SC** foam formulation to provide a continuous treated zone at the labeled rate for specific application situation (refer to rates specified for the various treatment types listed in this label). If sufficient foam volume cannot be applied to achieve the rate, apply additional **Termidor SC** as liquid to assure proper treatment volume in the treated area.

(Table 6.) Termidor SC Foam Mixing Directions

0.06%, 0.09%, or 0.125%† Termidor SC Finished Dilution (gals)	**Foam Expansion Ratio††**	**Finished Foam** (gals)
1.0	25:1	25
1.66	15:1	
2.5	10:1	
5.0	5:1	

† Percentage weight of active ingredient to weight of finished dilution
†† Add the manufacturer's recommended quantity of foam agent to the **Termidor SC** finished dilution.

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 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 CORPORATION ("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, EXEMPLARY, 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. PC309

NOTICE TO BUYER

Purchase of this material does not confer any rights under BASF's patents relating to this product. **Termidor® termiticide** is specially formulated and sold by BASF for the control of termites according to the directions on this label. The purchaser agrees to employ the purchased quantity of **Termidor® termiticide** only for the specified uses. Uses of **Termidor® termiticide** other than those specified on this label are not licensed through the purchase of this product. The use of this product for other purposes may violate patent rights of BASF. The purchaser assumes all risks as to the patents of others.

Termidor *and the ® symbol are registered trademarks of BASF.*

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Supersedes: NVA 2017-04-220-0128

BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709

BASF
We create chemistry

We create chemistry

Safety Data Sheet
Termidor SC Termiticide/Insecticide

1. Identification

Product identifier used on the label

Termidor SC Termiticide/Insecticide

Recommended use of the chemical and restriction on use

Recommended use*: crop protection product, 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

24 Hour Emergency Response Information
CHEMTREC: 1-800-424-9300
BASF HOTLINE: 1-800-832-HELP (4357)

Other means of identification

Substance number:	256709
EPA Registration number:	7969-210
Molecular formula:	C12 H4 Cl2 F6 N4 O S
Chemical family:	phenyl pyrazole
Synonyms:	fipronil

2. Hazards Identification

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

Classification of the product

Acute Tox.	4 (oral)	Acute toxicity
STOT RE	1	Specific target organ toxicity — repeated exposure

Aquatic Acute	2	Hazardous to the aquatic environment - acute
Aquatic Chronic	2	Hazardous to the aquatic environment - chronic

Label elements

Pictogram:

Signal Word:
Danger

Hazard Statement:

H302	Harmful if swallowed.
H372	Causes damage to organs (Central nervous system) through prolonged or repeated exposure.
H401	Toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

Precautionary Statements (Prevention):

P280	Wear protective gloves.
P273	Avoid release to the environment.
P260	Do not breathe dust/gas/mist/vapours.
P270	Do not eat, drink or smoke when using this product.
P264	Wash contaminated body parts thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.

Precautionary Statements (Response):

P314	Get medical advice/attention if you feel unwell.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P330	Rinse mouth
P362 + P364	Take off contaminated clothing and wash it before reuse.
P391	Collect spillage.

Precautionary Statements (Disposal):

P501	Dispose of contents/container in accordance with local regulations.

3. Composition / Information on Ingredients

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

Fipronil
CAS Number: 120068-37-3
Content (W/W): 9.1 %
Synonym: Fipronil (Active Ingredient)

Alkylnaphthalenesulfonic acid, polymer with formaldehyde, sodium salt
CAS Number: 68425-94-5
Content (W/W): 0.3 - 1.0%
Synonym: No data available.

4. First-Aid Measures

Description of first aid measures

General advice:
First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing.

If inhaled:
Keep patient calm, remove to fresh air, seek medical attention.

If on skin:
Wash thoroughly with soap and water

Immediately wash thoroughly with soap and water, seek medical attention.

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

If swallowed:
Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention.

Most important symptoms and effects, both acute and delayed

Symptoms: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11., (Further) symptoms and / or effects are not known so far
CNS stimulation, tremors, convulsions

Indication of any immediate medical attention and special treatment needed

Note to physician

Antidote:	No known specific antidote.
Treatment:	Treat according to symptoms (decontamination, vital functions), no known specific antidote. Anticonvulsant therapy as routinely administered to humans. Based on animal studies diazepam and phenobarbital prevented convulsions. Due to the slow elimination of the active compound and its metabolites, the treatment must be continued for several days, gradually decreasing the dose of anticonvulsant based on the clinical response.
Treatment:	Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Extinguishing media

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

Special hazards arising from the substance or mixture

Hazards during fire-fighting:
carbon monoxide, carbon dioxide, hydrogen fluoride, Hydrogen chloride, nitrogen oxides, sulfur oxides, acid halides, organochloric compounds
If product is heated above decomposition temperature, toxic vapours will be released. The substances/groups of substances mentioned can be released if the product is involved in a fire.

Advice for fire-fighters
Protective equipment for fire-fighting:
Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

Further information:
Evacuate area of all unnecessary personnel. Contain contaminated water/firefighting water. Do not allow to enter drains or waterways.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
Take appropriate protective measures. Clear area. Shut off source of leak only under safe conditions. Extinguish sources of ignition nearby and downwind. Ensure adequate ventilation. Wear suitable personal protective clothing and equipment.

Environmental precautions
Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater. Contain contaminated water/firefighting water.

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 contents from the effects of light. Protect against heat. Protect from air. Handle and open container with care. Do not open until ready to use. Once container is opened, content should be used as soon as possible. Avoid aerosol formation. Avoid dust 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:
The relevant fire protection measures should be noted. Fire extinguishers should be kept handy. Avoid all sources of ignition: heat, sparks, open flame. Sources of ignition should be kept well clear. Avoid extreme heat. Keep away from oxidizable substances. Electrical equipment should conform to

national electric code. Ground all transfer equipment properly to prevent electrostatic discharge. Electrostatic discharge may cause ignition.

Conditions for safe storage, including any incompatibilities
Segregate from incompatible substances. Segregate from foods and animal feeds. Segregate from textiles and similar materials.

Further information on storage conditions: Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect containers from physical damage. Protect against contamination. The authority permits and storage regulations must be observed. Keep away from heat. Protect from direct sunlight.

8. Exposure Controls/Personal Protection

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

Components with occupational exposure limits

Fipronil	TWA value 0.042 mg/m3 ;

Advice on system design:
Whenever possible, engineering controls should be used to minimize the need for personal protective equipment.

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 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:
Wear long sleeved work shirt and long work pants in addition to other stated personal protective equipment. Work place should be equipped with a shower and an eye wash. Handle in accordance with good industrial hygiene and safety practice. Personal protective equipment should be decontaminated prior to reuse. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks). Take off immediately all contaminated clothing. Store work clothing

separately. Hands and/or face should be washed before breaks and at the end of the shift. No eating, drinking, smoking or tobacco use at the place of work. Keep away from food, drink and animal feeding stuffs.

9. Physical and Chemical Properties

Form:	liquid
Odour:	characteristic
Odour threshold:	Not determined due to potential health hazard by inhalation.
Colour:	off-white
pH value:	approx. 6.5 - 8.5 (21 °C)
Melting point:	< 0 °C Information applies to the solvent.
Boiling point:	approx. 100 °C Information applies to the solvent.
Flash point:	> 206.96 °F
Flammability:	not applicable
Lower explosion limit:	As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.
Upper explosion limit:	As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.
Autoignition:	Information applies to the solvent. not applicable
Vapour pressure:	approx. 23.3 hPa (20 °C) Information applies to the solvent.
Density:	approx. 1.06 g/cm3 (20 °C)
Vapour density:	not applicable
Partitioning coefficient n-octanol/water (log Pow):	not applicable
Thermal decomposition:	carbon monoxide, carbon dioxide, nitrogen oxide, Hydrogen chloride, hydrogen fluoride, Sulphur dioxide Stable at ambient temperature. If product is heated above decomposition temperature toxic vapours may be released. If product is heated above decomposition temperature hazardous fumes may be released.
Viscosity, dynamic:	approx. 66 mPa.s
Solubility in water:	dispersible
Molar mass:	437.15 g/mol
Evaporation rate:	not applicable
Other Information:	The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

10. Stability and Reactivity

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

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

Possibility of hazardous reactions
The product is chemically stable.
Hazardous polymerization will not occur. No hazardous reactions if stored and handled as prescribed/indicated.

Conditions to avoid
Avoid all sources of ignition: heat, sparks, open flame. Avoid prolonged storage. Avoid electro-static discharge. Avoid contamination. Avoid prolonged exposure to extreme heat. Avoid extreme temperatures.

Incompatible materials
strong oxidizing agents

Hazardous decomposition products

Decomposition products:
Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated., Prolonged thermal loading can result in products of degradation being given off.

Thermal decomposition:
Possible thermal decomposition products:
carbon monoxide, carbon dioxide, nitrogen oxide, Hydrogen chloride, hydrogen fluoride, Sulphur dioxide
Stable at ambient temperature. If product is heated above decomposition temperature toxic vapours may be released. If product is heated above decomposition temperature hazardous fumes may be released.

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: Slightly toxic after single ingestion. Slightly toxic after short-term skin contact. Slightly toxic after short-term inhalation.

Oral
Type of value: LD50
Species: rat
Value: 1,999 mg/kg

Inhalation

Type of value: LC50
Species: rat
Value: > 1.7 mg/l
Exposure time: 4 h
Highest concentration technically achievable. No mortality was observed.

Type of value: LC50
Species: rat
Value: 6.8 mg/l (calculated)
Exposure time: 1 h

Dermal
Type of value: LD50
Species: rat
Value: > 2,000 mg/kg
No mortality was observed.

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: May cause slight irritation to the skin. May cause moderate but temporary irritation to the eyes.

Skin
Species: rabbit
Result: Slightly irritating.

Eye
Species: rabbit
Result: Slightly irritating.

Sensitization
Assessment of sensitization: Skin sensitizing effects were not observed in animal studies.

modified Buehler test
Species: guinea pig
Result: Non-sensitizing.

Aspiration Hazard
The product has not been tested. The statement has been derived from the properties of the individual components. No aspiration hazard expected.

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.

Information on: Fipronil
Assessment of repeated dose toxicity: Causes mortality and signs of neurotoxicity through prolonged or repeated exposure.

Genetic toxicity
Assessment of mutagenicity: The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: bronopol
Assessment of mutagenicity: The substance was mutagenic in a mammalian cell culture test system. No mutagenic effect was found in various tests with bacteria and mammals.

Carcinogenicity
Assessment of carcinogenicity: The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: Fipronil
Assessment of carcinogenicity: In long-term studies in rats the substance induced thyroid tumors. The effect is caused by an animal specific mechanism that has no human counter part. In long-term studies in mice in which the substance was given by feed, a carcinogenic effect was not observed.

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.

Medical conditions aggravated by overexposure
Individuals with pre-existing diseases of the respiratory system, skin or eyes may have increased susceptibility to excessive exposures.

12. Ecological Information

Toxicity

Aquatic toxicity
Assessment of aquatic toxicity:
Very toxic (acute effect) to aquatic organisms.

Toxicity to fish

Information on: Fipronil
LC50 (96 h) 0.0852 mg/l, Lepomis macrochirus

Aquatic invertebrates

Information on: Fipronil
EC50 (48 h) 0.19 mg/l, Daphnia magna
EC50 (96 h) 0.00017 mg/l, Mysidopsis bahia

Aquatic plants

Information on: Fipronil
EC50 (72 h) 0.103 mg/l (growth rate), Scenedesmus subspicatus
No observed effect concentration (14 d) > 0.16 mg/l, Lemna gibba
---

Chronic toxicity to fish

Information on: Fipronil
No observed effect concentration (35 d) 0.0029 mg/l, Cyprinodon variegatus
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Chronic toxicity to aquatic invertebrates

Information on: Fipronil
No observed effect concentration (28 d) 0.000008 mg/l, Mysidopsis bahia
---

Assessment of terrestrial toxicity
With high probability not acutely harmful to terrestrial organisms.

Other terrestrial non-mammals

Information on: fipronil
LD50 (48 d) 0,00593 ug/bee (contact), Apis mellifera
LD50 (48 d) 0,00417 ug/bee (oral), Apis mellifera

Persistence and degradability

Assessment biodegradation and elimination (H2O)

Information on: Fipronil

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.

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: Fipronil

Following exposure to soil, adsorption to solid soil particles is probable, therefore contamination of groundwater is not expected.

Additional information

Other ecotoxicological advice:
The ecological data given are those of the active ingredient. Do not release untreated into natural waters.

13. Disposal considerations

Waste disposal of substance:
Pesticide wastes are regulated. Improper disposal of excess pesticide, spray mix or rinsate is a violation of federal law. 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:
Rinse thoroughly at least three times (triple rinse) in accordance with EPA recommendations. Consult state or local disposal authorities for approved alternative procedures such as container recycling. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

RCRA:
This product is not regulated by RCRA.

14. Transport Information

Land transport
USDOT

Not classified as a dangerous good under transport regulations

Sea transport
IMDG

Hazard class:	9
Packing group:	III
ID number:	UN 3082
Hazard label:	9, EHSM
Marine pollutant:	YES
Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains FIPRONIL)

Air transport
IATA/ICAO

Hazard class:	9
Packing group:	III
ID number:	UN 3082
Hazard label:	9, EHSM
Proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains FIPRONIL)

Further information
Product may be shipped as non-hazardous in suitable packages containing

a net quantity of 5 L or less under the provisions of various regulatory agencies: ADR, RID, ADN: Special Provision 375; IMDG: 2.10.2.7; IATA: A197; TDG: Special Provision 99(2); 49CFR: §171.4 (c) (2).

15. Regulatory Information

Federal Regulations

Registration status:

Crop Protection	TSCA, US	released / exempt
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.

NFPA Hazard codes:
Health: 2 Fire: 1 Reactivity: 1 Special:

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:
HARMFUL IF SWALLOWED.
HARMFUL IF ABSORBED THROUGH SKIN.
HARMFUL IF INHALED.
Causes eye irritation.
Do not get in eyes, on skin, or on clothing.
Do not breathe vapours/mists.
Wash thoroughly after handling.

16. Other Information

SDS Prepared by:
BASF NA Product Regulations
SDS Prepared on: 2021/05/25

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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.

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