

[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.



TERMIDOR®

BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709

 **BASF**
We create chemistry

[Booklet Front Panel]

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TERMITICIDE/INSECTICIDE**

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and/or general pest control products.**

Active Ingredient:

fipronil: 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(1*R,S*)-(trifluoromethyl)sulfinyl]-
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Shake Well

Net Contents:

FIRST AID	
If swallowed	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	
<p>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.</p>	
<p>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 overexposure by oral ingestion, lethargy, muscle tremors, and in extreme cases, possibly convulsions may occur.</p>	

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*

* Not approved for use in Louisiana.

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 [†]
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* In California, **ONLY** the 0.03% dilution may be applied (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 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 2015-04-220-0154

BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709



We create chemistry

Safety Data Sheet

Termidor SC Termiticide/Insecticide

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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
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 SE
67056 Ludwigshafen
GERMANY

Contact address:
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: 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

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

Label elements

Pictogram:



Signal Word:
Danger

Hazard Statement:

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

Precautionary Statements (Prevention):

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 with plenty of water and soap thoroughly after handling.

Precautionary Statements (Response):

P314	Get medical advice/attention if you feel unwell.
P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P330	Rinse mouth.
P391	Collect spillage.

Precautionary Statements (Disposal):

P501	Dispose of contents/container to hazardous or special waste collection point.
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Hazards not otherwise classified

Labeling of special preparations (GHS):

The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 3 % dermal

The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 5 % Inhalation - vapour

The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 5 % Inhalation - mist

May produce an allergic reaction. Contains: 1,2-benzisothiazol-3(2H)-one

3. Composition / Information on Ingredients

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

<u>CAS Number</u>	<u>Weight %</u>	<u>Chemical name</u>
120068-37-3	9.1 %	fipronil
137-20-2	0.3 - 1.0%	Ethanesulfonic acid, 2-[methyl(1-oxo-9-octadecenyl)amino]-, sodium salt, (Z)-

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2634-33-5

< 0.1%

1,2-benzisothiazol-3(2H)-one

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:

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: The most important known symptoms and effects are described in the labelling (see section 2) and/or 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.

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

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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

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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.

No occupational exposure limits known.

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.

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9. Physical and Chemical Properties

Form:	suspension
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
Boiling point:	Information applies to the solvent. approx. 100 °C
Flash point:	Information applies to the solvent. > 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)
Density:	Information applies to the solvent. approx. 1.06 g/cm ³ (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., 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.

Chemical stability

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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 available for testing. No mortality was observed.

Type of value: LC50

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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.

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. 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.

Information on: fipronil

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Assessment of carcinogenicity: In long-term studies in rats the substance induced thyroid tumors. In long-term studies in rodents exposed to high doses, a tumorigenic effect was found; however, these results are thought to be due to a rodent-specific liver effect that is not relevant to humans.

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

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11., (Further) symptoms and / or effects are not known so far
CNS stimulation, tremors, convulsions

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, Mysisidopsis 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

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Chronic toxicity to fish

Information on: Fipronil

No observed effect concentration (35 d) 0.0029 mg/l, Cyprinodon variegatus

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.

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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

The following provisions may apply for product in packages containing a net quantity of 5 L or less
ADR, RID, ADN: Special Provision 375;
IMDG: 2.10.2.7;
IATA: A197;
TDG: Special Provision 99(2);
49CFR: §171.4 (c) (2).

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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: 2019/04/30

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

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operations on society and the environment during production, storage, transport, use and disposal of our products.

END OF DATA SHEET

Hoja de Seguridad

TERMIDOR SC TERMITICIDE/INSECTICIDE

Fecha de revisión : 2015/06/09
Versión: 5.0

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1. Identificación

Identificador del producto utilizado en la etiqueta

TERMIDOR SC TERMITICIDE/INSECTICIDE

Uso recomendado del producto químico y restricciones de uso

Utilización adecuada*: Insecticida

* El 'Uso recomendado' identificado para este producto se facilita únicamente para cumplir con un requerimiento federal y no es parte de las especificaciones publicadas por el vendedor. Los términos de esta Ficha de Datos de Seguridad (FDS) no crean ni generan ninguna garantía, expresa o implícita, incluida por incorporación en el acuerdo de venta con el vendedor o en referencia al mismo.

Datos del proveedor de la ficha de datos de seguridad

Empresa:

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

Teléfono: +1 973 245-6000

Teléfono de emergencia

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

Otros medios de identificación

Número de sustancia: 256709
Número de Registro de la EPA: 7969-210
Fórmula molecular: C₁₂ H₄ Cl₂ F₆ N₄ O S
Familia química: fenilpirazoles

2. Identificación de los peligros

Según la reglamentación 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Clasificación del producto

Acute Tox.	4 (Inhalación - vapor)	Toxicidad aguda
Acute Tox.	4 (Por ingestión)	Toxicidad aguda
STOT RE	2	Toxicidad específica en determinados órganos (exposición repetida)

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Elementos de la etiqueta

Pictograma:



Palabra de advertencia:
Atención

Indicaciones de peligro:

H332 Nocivo en caso de inhalación.
H302 Nocivo en caso de ingestión.
H373 Puede provocar daños en los órganos tras exposiciones prolongadas o repetidas.

Consejos de prudencia (prevención):

P271 Utilizar únicamente en exteriores o en un lugar bien ventilado.
P261 Evite aspirar los vapores.
P260 No respirar el polvo / el gas / la niebla / los vapores.
P270 No comer, beber o fumar durante su utilización.
P264 Lavarse con agua y jabón concienzudamente tras la manipulación.

Consejos de prudencia (respuesta):

P312 Llamar a un CENTRO DE INFORMACIÓN TOXICOLÓGICA o a un médico en caso de malestar.
P304 + P340 EN CASO DE INHALACIÓN: Transportar a la víctima al exterior y mantenerla en reposo en una posición confortable para respirar.
P314 Consulte a un médico en caso de malestar.
P330 Enjuagarse la boca.

Consejos de prudencia (eliminación):

P501 Eliminar el contenido/el recipiente en un punto de recogida de residuos especiales.

Sustancias peligrosas no clasificadas de otra manera

Etiquetado de preparados especiales (GHS):

El siguiente porcentaje de la mezcla consiste en componente (s) con peligros desconocidos respecto a la toxicidad aguda. 3 % dérmica

El siguiente porcentaje de la mezcla consiste en componente (s) con peligros desconocidos respecto a la toxicidad aguda. 5 % Inhalación - vapor

El siguiente porcentaje de la mezcla consiste en componente (s) con peligros desconocidos respecto a la toxicidad aguda. 5 % Inhalación - niebla

Según la Reglamentación 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Indicaciones - Urgencia

ATENCIÓN:

PELIGROSO SI ES INGERIDO.

Peligroso si es absorbido a través de la piel.

PELIGROSO SI SE INHALA.

Provoca irritación ocular.

Impedir el contacto con ojos, piel o vestimenta.

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No respire vapores/pulverizaciones.
Lavar a fondo tras su manipulación.

3. Composición / Información Sobre los Componentes

Según la reglamentación 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

<u>Número CAS</u>	<u>Contenido (W/W)</u>	<u>Nombre químico</u>
120068-37-3	9.1 %	fipronil
137-20-2	0.3 - 1.0 %	Ethanesulfonic acid, 2-[methyl(1-oxo-9-octadecenyl)amino]-, sodium salt, (Z)-
2634-33-5	< 0.1 %	1,2-benzisotiazol-3(2H)-ona

Según la Reglamentación 1994 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

<u>Número CAS</u>	<u>Contenido (W/W)</u>	<u>Nombre químico</u>
120068-37-3	9.1 %	fipronil
57-55-6	3.0 %	1,2-propilenglicol
	87.9 %	Ingredientes propietario

4. Medidas de primeros auxilios

Descripción de los primeros auxilios

Indicaciones generales:

La persona que auxilie debe desgastar el equipo protector personal para prevenir la exposición. Quitarse la ropa contaminada. Transladar a la persona al aire fresco. Si la persona no respira, llamar al 911 o una ambulancia, después administrar respiración artificial, preferiblemente respiración boca a boca si es posible. Llamar al departamento de toxicología o a un médico para consultar el tratamiento a seguir. Al llamar de urgencia a un Centro de Toxicología, a un médico o al seguir el tratamiento, es conveniente tener a disposición el envase o la etiqueta del producto.

En caso de inhalación:

Llevar a la persona afectada al aire libre y dejarla reposar en calma.

En caso de contacto con la piel:

Lavar con abundante agua la piel durante 15 a 20 minutos.

En caso de contacto con los ojos:

Lavar abundantemente bajo agua corriente durante 15 a 20 minutos. En caso de llevar lentes de contacto, retirarlos transcurridos los primeros 5 minutos y continuar con el proceso de lavado.

En caso de ingestión:

No provocar nunca el vómito o suministrar algo por la boca, cuando la persona afectada está inconsciente o padece convulsiones. No provocar vómito. Si la persona afectada está en condiciones de deglutir, permítale tomar lentamente sorbos de agua.

Principales síntomas y efectos, agudos y retardados

Síntomas: estimulación del sistema nervioso central, temblor, convulsiones
Peligros: <** Phrase language not available: [ES] BAS01 - HPK50976 **>

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Indicación de cualquier atención médica inmediata y de los tratamientos especiales que se requieran.

Indicaciones para el médico

Antídoto: No se conoce ningún antídoto específico.
Tratamiento: tratamiento sintomático de forma rutinaria, tratamiento con anticonvulsivos administrado a las personas De acuerdo con estudios hechos en animales el diazepam y la fenobarbital previenen convulsiones. Debido a la lenta eliminación del componente activo y sus metabolitos el tratamiento debe continuar durante varios días, disminuyendo progresivamente la dosis de anticonvulsionante en función de la respuesta clínica

5. Medidas de lucha contra incendios

Medios de extinción

Medios de extinción adecuados:
espuma, extintor de polvo, dióxido de carbono, agua pulverizada

Peligros específicos derivados de la sustancia o la mezcla

Peligro al luchar contra incendio:
monóxido de carbono, dióxido de carbono, ácido fluorhídrico, ácido clorhídrico, óxidos de nitrógeno, óxidos de azufre, halogenuros de ácidos
Si el producto se calienta por encima de la temperatura de descomposición, se liberarán vapores tóxicos. En caso de incendio próximo pueden desprenderse las sustancias/grupos de sustancias mencionadas.

Recomendaciones para el personal de lucha contra incendios

Equipo de Protección personal en caso de fuego:
Use equipo respiratorio autónomo y traje de protección.

Información adicional:

En caso de incendio y/o de explosión no respire los humos. Refrigerar con agua los recipientes en peligro. Acumular separadamente el agua de extinción contaminada, al no poder ser vertida al alcantarillado general o a los desagües. Eliminar los restos del incendio y el agua de extinción contaminada respetando las legislaciones locales vigentes.

6. Indicaciones en caso de fuga o derrame

Precauciones personales, equipo de protección y procedimientos de emergencia

Tomar medidas de protección adecuadas. Evacuar la zona. Cierre la fuente de la fuga únicamente en condiciones seguras. Extinguir las fuentes de ignición cercanas y en la dirección del viento. Procurar una ventilación apropiada. Lleve la indumentaria y el equipo de protección personal adecuados.

Precauciones relativas al medio ambiente

Evitar que el producto penetre en el suelo/subsuelo. Evitar que penetre en el alcantarillado, aguas superficiales o subterráneas. Retener las aguas contaminadas, incluida el agua de extinción de incendios, caso de estar contaminada.

Métodos y material de contención y de limpieza

Cercar/retener con diques. Recoger con materiales absorbentes adecuados. Coloque en contenedores adecuados para su reutilización o eliminación en una instalación autorizada. Siempre

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que sea posible, la sustancia/producto vertidos se debe recuperar y aplicar conforme a las instrucciones de la etiqueta. Si la aplicación de la sustancia/producto vertidos no es posible, será necesario recoger, solidificar y colocar los vertidos en contenedores adecuados para su eliminación. Después de descontaminar, el área de derrame se puede lavar con agua. Recoja el agua de lavado para su eliminación adecuada.

7. Manipulación y almacenamiento

Precauciones para una manipulación segura

LAS RECOMENDACIONES ANTERIORES SON VALIDAS PARA EL PERSONAL DE FABRICACIÓN, GESTION COMERCIAL Y EMBALAJE. USUARIOS Y TRANSFORMADORES DE PESTICIDAS deben observar las indicaciones de la etiqueta del producto y las instrucciones de uso, que se adjuntan al mismo, con respecto a los requisitos de uso agrícola según la norma 40 CFR, apartado 170 del Estándar de Protección del Trabajador de la EPA (Agencia de Protección Medioambiental). Procurar una ventilación apropiada. Procurar buena ventilación de los locales; dado el caso, instalar aspiración localizada en el lugar de trabajo. Conservar alejado de toda llama o fuente de chispas - No fumar. Mantener los recipientes cerrados herméticamente. Proteger de la luz. Proteger de los efectos del calor. Proteger del aire. Abrir y manipular cuidadosamente el recipiente. No abra hasta que esté listo para su uso Consumir lo antes posible el contenido de envases dañados. Evitar la formación de aerosol. Evite la formación de polvo. Proporcione medios para controlar fugas y vertidos. No reintroducir cantidades residuales en los recipientes de almacenamiento. Seguir las advertencias indicadas en la etiqueta, también con los envases vacíos. La sustancia/el producto sólo debe ser manipulado por personal especializado. Evitar todo contacto directo con la sustancia / producto. Evitar el contacto con la piel, ojos y vestimenta. Evite la inhalación de polvos/neblinas/vapores. Lleve la indumentaria y el equipo de protección personal adecuados.

Protección contra incendio/explosión:

Hay que observar las medidas de prevención pertinentes para la protección del incendio. Extintor accesible. Evitar todas las fuentes de ignición: calor, chispas, llama abierta. Mantener alejado de fuentes de ignición. Evitar calor excesivo. Proteger de sustancias oxidables. El equipo eléctrico debe cumplir el código eléctrico nacional. Efectuar correctamente la toma de tierra de la totalidad del conjunto de la instalación para evitar la acumulación de cargas electrostáticas. Una descarga electrostática puede causar ignición

Condiciones de almacenamiento seguro, incluidas posibles incompatibilidades

Separar de sustancias incompatibles Separar de alimentos, bebidas y alimentos para animales Separar de los productos textiles y otros materiales similares.

Otras especificaciones sobre condiciones almacenamiento: Consérvese únicamente en el recipiente de origen, en lugar fresco y bien ventilado y lejos de fuente de ignición, calor o llama. Proteger los recipientes de daños físicos. Proteger contra la contaminación. Deben tenerse en consideración las legislaciones locales vigentes y la reglamentación sobre almacenamiento.

Proteger de temperaturas inferiores a: 0 °C

Las propiedades del producto se pueden ver modificadas, si la sustancia/el producto se almacena a temperaturas por debajo de las indicadas o por períodos muy prolongados de tiempo.

Proteger de temperaturas superiores a: 40 °C

Se pueden modificar las propiedades del producto, si la sustancia/el producto se almacena durante un período prolongado de tiempo a temperaturas superiores a las indicadas.

8. Controles de exposición/Protección personal

Usuarios de productos pesticidas deben observar en la etiqueta del producto los equipos requeridos para protección del personal.

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Diseño de instalaciones técnicas:

Siempre que sea posible, se tendría de tomar medidas técnicas que minimicen las necesidades de equipamiento de protección personal.

Equipo de protección personal

RECOMENDACIONES PARA LOS TRABAJADORES EN LA FABRICACIÓN, MEZCLA COMERCIAL Y EMBALAJE:

Protección de las vías respiratorias:

Protección de las vías respiratorias en caso de ventilación insuficiente. Utilice un respirador para vapores orgánicos y de partículas certificado por NIOSH (Instituto Nacional de Salud y Seguridad Ocupacional) (o equivalente). En situaciones en las que las concentraciones de aire excedan el nivel en el que un respirador purificante de aire sea efectivo, o en las que los niveles son desconocidos o Inmediatamente Peligrosos para la Vida o la Salud (IDLH), debe utilizarse un aparato respiratorio autónomo (SCBA) a demanda que cubra toda la cara certificado por el NIOSH (Instituto Nacional de Salud y Seguridad Ocupacional) o un respirador de aire (SAR) a demanda que cubra toda la cara con válvula de escape.

Protección de las manos:

Guantes de protección resistentes a productos químicos, La selección del guante protector debe basarse en la evaluación de riesgos en el puesto de trabajo del usuario

Protección de los ojos:

Gafas protectoras con cubiertas laterales. Gafas de seguridad con cierre hermético (Gafas cesta). Usar pantalla facial, si existe riesgo de pulverización.

Protección corporal:

La protección corporal debe ser seleccionada dependiendo de la actividad y posible exposición, Ejemplo: Protección para la cabeza (casco), mandil, botas y ropa de protección química.

Medidas generales de protección y de higiene:

Adicionalmente al equipamiento de protección recomendado, se debería llevar camisa de manga larga y pantalón largo- El lugar de trabajo deberá proveer una ducha para el cuerpo de seguridad y un equipo para lavaje ocular. Manipular de acuerdo con las normas de seguridad para productos químicos. El equipo de protección personal debe ser descontaminado antes de su reutilización. Los guantes se deben controlar regularmente y antes de usarlos. Sustituir si necesario (p.ej. en caso de presentar pequeños agujeros). Quítense inmediatamente la ropa contaminada. Guardar por separado la ropa de trabajo. Lavarse las manos y/o cara antes de las pausas y al finalizar el trabajo. Durante el trabajo no comer, beber, fumar, inhalar. Manténgase lejos de alimentos, bebidas y piensos.

9. Propiedades físicas y químicas

Estado físico:	suspensión	
Olor:	característico	
Umbral de olor:		No determinado debido a que es nocivo por inhalación
Color:	beige	
Valor pH:	7.2	(10 g/l)
inicio de ebullición:	aprox. 100 °C	(1,013 hPa) El punto de inflamación indicado corresponde al disolvente.
Punto de inflamación:	> 206.96 °F	

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Límite inferior de explosividad:		Como resultado de nuestra experiencia con este producto y de nuestro conocimiento de su composición, no esperamos que presente ningún peligro siempre y cuando el producto se utilice adecuadamente y de acuerdo con el uso previsto
Límite superior de explosividad:		Como resultado de nuestra experiencia con este producto y de nuestro conocimiento de su composición, no esperamos que presente ningún peligro siempre y cuando el producto se utilice adecuadamente y de acuerdo con el uso previsto
Autoinflamación:		El punto de inflamación indicado corresponde al disolvente. no aplicable
Presión de vapor:	aprox. 23.3 hPa	(20 °C) El punto de inflamación indicado corresponde al disolvente.
Densidad:	1.06 g/cm3	(20 °C)
Densidad de vapor:		no aplicable
Coefficiente de reparto n-octanol/agua (log Pow):		no aplicable
Temperatura de autoignición:		no es autoinflamable
Descomposición térmica:		monóxido de carbono, dióxido de carbono, óxido de nitrógeno, ácido clorhídrico, ácido fluorhídrico, Dióxido de azufre A temperatura ambiente, el producto es estable. En caso de calentamiento por encima del punto de descomposición es posible la formación de vapores tóxicos. Si el producto se calienta por encima de la temperatura de descomposición pueden liberarse humos peligrosos.
Viscosidad, dinámica:	aprox. 1,600 - 1,850 mPa.s	(21.6 °C)
Solubilidad en agua:		dispersable
Masa molar:	437.15 g/mol	
Velocidad de evaporación:		no aplicable
Otra información:		Si es necesario, en esta sección se indica información sobre otras propiedades fisico-químicas.

10. Estabilidad y reactividad

Reactividad

Ninguna reacción peligrosa, si se tienen en consideración las normas/indicaciones sobre almacenamiento y manipulación.

Corrosión metal:

No es de esperar un efecto corrosivo del metal.

Propiedades comburentes:

No es un oxidante
no es comburente

Estabilidad química

El producto es estable si se tienen en consideración las normas/indicaciones sobre almacenamiento y manipulación.

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Posibilidad de reacciones peligrosas

El producto es químicamente estable.

No se presenta una polimerización peligrosa. Ninguna reacción peligrosa, si se tienen en consideración las normas/indicaciones sobre almacenamiento y manipulación.

Condiciones que deben evitarse

Evitar todas las fuentes de ignición: calor, chispas, llama abierta. Evítese el almacenamiento prolongado. Evitar descarga electrostática. Evitar la contaminación. Evitar la exposición prolongada al calor extremo. Evite las temperaturas extremas.

Materiales incompatibles

ácidos fuertes, fuertes agentes oxidantes, bases fuertes
fuertes agentes oxidantes

Productos de descomposición peligrosos

Productos de la descomposición:

Productos peligrosos de descomposición: No se presentan productos peligrosos de descomposición, si se tienen en consideración las normas/indicaciones sobre almacenamiento y manipulación., En caso de un efecto térmico prolongado pueden desprenderse productos de descomposición.

Descomposición térmica:

Posibles productos de descomposición térmica:

monóxido de carbono, dióxido de carbono, óxido de nitrógeno, ácido clorhídrico, ácido fluorhídrico, Dióxido de azufre

A temperatura ambiente, el producto es estable. En caso de calentamiento por encima del punto de descomposición es posible la formación de vapores tóxicos. Si el producto se calienta por encima de la temperatura de descomposición pueden liberarse humos peligrosos.

11. Información sobre toxicología

vías primarias de la exposición

Las rutas de entrada para sólidos y líquidos son la ingestión y la inhalación pero puede incluirse contacto con la piel o los ojos. Las rutas de entrada para gases incluye la inhalación y el contacto con los ojos. El contacto con la piel puede ser una ruta de entrada para gases licuados.

Toxicidad aguda/Efectos

Toxicidad aguda

Valoración de toxicidad aguda: Ligeramente tóxico después de una sóla ingesta. Ligeramente tóxico después de un contacto cutáneo de corta duración. Ligeramente tóxico después de una breve inhalación.

Oral

Tipo valor: DL50

Especies: rata

valor: 1,999 mg/kg

Inhalación

Tipo valor: CL50

Especies: rata

valor: > 1.7 mg/l

Duración de exposición: 4 h

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Tipo valor: CL50
Especies: rata
valor: 6.8 mg/l (calculado)
Duración de exposición: 1 h

Dérmica

Tipo valor: DL50
Especies: rata
valor: > 2,000 mg/kg

Irritación/ Corrosión

Valoración de efectos irritantes: Puede provocar ligeras irritaciones en la piel. Puede causar una moderada pero temporal irritación de los ojos.

piel

Especies: conejo
Resultado: ligeramente irritante

ojo

Especies: conejo
Resultado: ligeramente irritante

Sensibilización

Valoración de sensibilización: No sensibilizante en piel según experimentación animal.

Especies: cobaya
Resultado: El producto no es sensibilizante.

Toxicidad crónica/Efectos

Toxicidad en caso de aplicación frecuente

Valoración de toxicidad en caso de aplicación frecuente: Nocivo: riesgo de efectos graves para la salud en caso de exposición prolongada por ingestión.

Toxicidad genética

Valoración de mutagenicidad: No está clasificado, debido a la falta de datos.

Indicaciones para: fipronil

Valoración de mutagenicidad: Se dispone de resultados de análisis realizados sobre efectos mutagénicos en microorganismos, cultivo de células de mamíferos y en mamíferos. La totalidad de la información disponible no ofrece ninguna indicación de que la sustancia pueda tener efectos mutagénicos.

Carcinogenicidad

Valoración de cancerogenicidad: El producto no ha sido ensayado. La valoración ha sido calculada a partir de las propiedades de sus componentes individuales. En varios ensayos realizados en animales no se han observado efectos carcinogénicos.

Indicaciones para: fipronil

Valoración de cancerogenicidad: En estudios de larga duración realizados en ratas la sustancia causa formación de tumores en las tiroides. En estudios de larga duración realizados con roedores y después de la ingesta de grandes cantidades se ha comprobado un efecto cancerígeno, que probablemente es consecuencia de una lesión hepática específica de los roedores, no relevante en el ser humano.

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Toxicidad en la reproducción

Indicaciones para: fipronil

Valoración de toxicidad en la reproducción: En ensayos con animales realizados a una dosis que no es tóxica para los progenitores no se observaron efectos teratogénicos.

Teratogenicidad

Valoración de teratogenicidad: El producto no ha sido ensayado. La valoración ha sido calculada a partir de las propiedades de sus componentes individuales. En ensayos con animales realizados a una dosis que no es tóxica para los progenitores no se observaron efectos teratogénicos.

Síntomas de la exposición

estimulación del sistema nervioso central, temblor, convulsiones

Riesgos para la salud, que se agrava por el efecto (de la sustancia).

En personas con enfermedades latentes de las vías respiratorias, piel u ojos, puede presentarse una mayor sensibilidad ante elevadas exposiciones.

12. Información ecológica

Toxicidad

Toxicidad acuática

Valoración de toxicidad acuática:

Muy tóxico (toxicidad aguda) en organismos acuáticos.

Toxicidad en peces

CL50 (96 h) 3.89 mg/l, Brachydanio rerio

Invertebrados acuáticos

CE50 (48 h) 0.2 mg/l, Daphnia pulex

Plantas acuáticas

Indicaciones para: fipronil

CE50 (96 h) 0.068 mg/l (biomasa), Scenedesmus subspicatus

CE50 (336 h) > 0.160 mg/l, Lemna minor

CE50 (120 h) > 0.140 mg/l, Selenastrum capricornutum

CE50 (120 h) > 0.170 mg/l, Anabaena flos-aquae

CE50 (120 h) > 0.120 mg/l, Navicula sp.

Valoración de toxicidad terrestre

Existen muchas probabilidades de no ser nocivo con efectos agudos para los organismos terrestres.

otros no mamíferos terrestres

Indicaciones para: fipronil

DL50 (48 Días) 0,00593 ug/bee (contact), Apis mellifera

DL50 (48 Días) 0,00417 ug/bee (oral), Apis mellifera

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TERMIDOR SC TERMITICIDE/INSECTICIDE

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Persistencia y degradabilidad

Indicaciones para la eliminación

Difícilmente biodegradable (según criterios OCDE)

Movilidad en el suelo

Evaluación del transporte entre compartimentos medioambientales

El producto no ha sido ensayado. La valoración ha sido calculada a partir de las propiedades de sus componentes individuales.

Indicaciones adicionales

Más informaciones ecotoxicológicas:

Los datos de ecología corresponden a la sustancia activa. El producto no debe ser vertido al alcantarillado sin un tratamiento previo.

13. Consideraciones relativas a la eliminación / disposición de residuos

Eliminación de la sustancia (residuos):

Los residuos de pesticidas están regulados. La eliminación indebida de exceso de pesticida, mezcla de pulverización o agua de fregar es una violación de la ley federal. Si los residuos de pesticida no se pueden eliminar conforme a las instrucciones de la etiqueta, póngase en contacto con la Autoridad Estatal sobre Pesticidas, la Agencia de Control Medioambiental o el representante de Residuos Peligrosos de la Oficina Regional de la EPA (Agencia de Protección del Medio Ambiente) más cercana.

depósitos de envases:

Los envases contaminados deben vaciarse de forma óptima pudiendo eliminarlos como la sustancia/el producto.

Enjuague a fondo al menos tres veces (triple enjuague) conforme a las recomendaciones de la EPA (Agencia de Protección del Medio Ambiente). Consulte a las autoridades locales o estatales de eliminación de residuos sobre procedimientos alternativos aprobados, como el reciclaje de contenedores. Se recomienda el prensado, la perforación u otras medidas para prevenir el uso no autorizado de contenedores usados.

RCRA:

Este producto no está regulado por la RCRA.

14. Información relativa al transporte

Transporte por tierra

USDOT

Mercancía no peligrosa según los criterios de la reglamentación del transporte

Transporte marítimo por barco

IMDG

Clase de peligrosidad: 9
Grupo de embalaje: III
Número ID: UN 3082
Etiqueta de peligro: 9, EHSM
Contaminante marino: Sí
Denominación técnica de expedición:

Sea transport

IMDG

Hazard class: 9
Packing group: III
ID number: UN 3082
Hazard label: 9, EHSM
Marine pollutant: YES
Proper shipping name:

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SUSTANCIA LÍQUIDA PELIGROSA PARA EL MEDIO AMBIENTE, N.E.P. (contiene FIPRONIL 9%) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains FIPRONIL 9%)

Transporte aéreo

IATA/ICAO

Clase de peligrosidad: 9

Grupo de embalaje: III

Número ID: UN 3082

Etiqueta de peligro: 9, EHS

Denominación técnica de expedición:

SUSTANCIA LÍQUIDA PELIGROSA PARA EL MEDIO AMBIENTE, N.E.P. (contiene FIPRONIL 9%)

Air transport

IATA/ICAO

Hazard class: 9

Packing group: III

ID number: UN 3082

Hazard label: 9, EHS

Proper shipping name:

ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (contains FIPRONIL 9%)

15. Reglamentaciones

Reglamentaciones federales

Situación del registro:

Producto químico TSCA, US no autorizado / no inscrito

protección de cultivos TSCA, US libre / exento

EPCRA 311/312 (categorías de peligro): Agudo; Crónico

Reglamentación estatal

RTK - Estado

PA

Número CAS

57-55-6

Nombre químico

1,2-propilenglicol

NFPA Código de peligro:

Salud : 2 Fuego: 1 Reactividad: 1 Especial:

Requerimientos de etiquetado según FIFRA

Esta sustancia es un producto pesticida registrado por la Agencia de Protección del Medioambiente y está sujeta a ciertos requerimientos de etiquetado bajo la ley federal de pesticidas. Estos requerimientos difieren de los criterios de clasificación e información de sustancias peligrosas para las FDS, y etiquetas de lugar de trabajo respecto a los productos químicos no pesticidas. A continuación se facilita la información de peligrosidad tal como se requiere en la etiqueta del pesticida.

ATENCIÓN:

PELIGROSO SI ES INGERIDO.

Peligroso si es absorbido a través de la piel.

PELIGROSO SI SE INHALA.

Provoca irritación ocular.

Impedir el contacto con ojos, piel o vestimenta.

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No respire vapores/pulverizaciones.
Lavar a fondo tras su manipulación.

16. Otra información

FDS creado por:
BASF NA Producto Regularizado
FDS creado en: 2015/06/09

Respal damos las iniciativas Responsible Care® a nivel mundial. Valoramos la salud y seguridad de nuestros empleados, clientes, suministradores y vecinos, y la protección del medioambiente. Nuestro compromiso con el Responsible Care es integral llevando a cabo a nuestro negocio y operando nuestras fábricas de forma segura y medioambientalmente responsable, ayudando a nuestros clientes y suministradores a asegurar la manipulación segura y respetuosa con el medioambiente de nuestros productos, y minimizando el impacto de nuestras actividades en la sociedad y en el medioambiente durante la producción, almacenaje, transporte uso y eliminación de nuestros productos.

IMPORTANTE: MIENTRAS QUE LAS DESCRIPCIONES, LOS DISEÑOS, LOS DATOS Y LA INFORMACIÓN CONTENIDA ADJUNTO SE PRESENTAN EN LA BUENA FE, SE CREEN QUE PARA SER EXACTOS, SE PROPORCIONA SU DIRECCIÓN SOLAMENTE. PORQUE MUCHOS FACTORES PUEDEN AFECTAR EL PROCESO O APLICACIONES EN USO, RECOMENDAMOS QUE USTED HAGA PRUEBAS PARA DETERMINAR LAS CARACTERÍSTICAS DE UN PRODUCTO PARA SU PROPÓSITO PARTICULAR ANTES DEL USO. NO SE HACE NINGUNA CLASE DE GARANTÍA, EXPRESADA O IMPLICADA, INCLUYENDO GARANTÍAS MERCANTILES O PARA APTITUD DE UN PROPÓSITO PARTICULAR, CON RESPECTO A LOS PRODUCTOS DESCRITOS O LOS DISEÑOS, LOS DATOS O INFORMACIÓN DISPUESTOS, O QUE LOS PRODUCTOS, LOS DISEÑOS, LOS DATOS O LA INFORMACIÓN PUEDEN SER UTILIZADOS SIN LA INFRACCIÓN DE LOS DERECHOS DE OTROS. EN NINGÚN CASO LAS DESCRIPCIONES, INFORMACIÓN, LOS DATOS O LOS DISEÑOS PROPORCIONADOS SE CONSIDEREN UNA PARTE DE NUESTROS TÉRMINOS Y CONDICIONES DE LA VENTA. ADEMÁS, ENTIENDE Y CONVIENE QUE LAS DESCRIPCIONES, LOS DISEÑOS, LOS DATOS, Y LA INFORMACIÓN EQUIPADA POR NUESTRA COMPAÑÍA ABAJO DESCRITOS ASUME NINGUNA OBLIGACIÓN O RESPONSABILIDAD POR LA DESCRIPCIÓN, LOS DISEÑOS, LOS DATOS E INFORMACIÓN DADOS O LOS RESULTADOS OBTENIDOS, TODOS LOS QUE SON DADOS Y ACEPTADOS EN SU RIESGO.

Final de la Ficha de Datos de Seguridad