

Specimen

TERMIDOR® SC TERMITICIDE / INSECTICIDE

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

ACTIVE INGREDIENT:

fipronil: 5-amino-1-(2,6-dichloro-4-(trifluoromethyl)phenyl)-4-((1,R,S)-(trifluoromethyl)sulfinyl)-1-H-pyrazole-3-carbonitrile 9.1%

OTHER INGREDIENTS: 90.9%

TOTAL: 100.0%

One gallon of Termidor® SC termiticide/insecticide contains 0.8 lb of fipronil.

EPA Reg. No. 7969-210

EPA Est. No.

**KEEP OUT OF REACH OF CHILDREN.
CAUTION/PRECAUCIÓN**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.

(If you do not understand the label, find someone to explain it to you in detail.)

For Product Use Information, Call 1-877-TERMIDOR

See inside for additional

First Aid, Precautionary Statements and Directions for Use.

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

NET CONTENTS: _____



TERMIDOR®

BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709



The Chemical Company

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 by mouth to an unconscious person.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
IF 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 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 eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.

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

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.

For medical emergencies call 24 hours a day 1-800-832-HELP (4357).

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. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

All pesticide handlers (mixers, loaders, and applicators) must wear long-sleeved shirt and long pants, socks, shoes, and chemical-resistant gloves. All pesticide handlers must wear a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N, R, P or HE filter, when working in a non-ventilated space, including but not limited to crawl-spaces and basements. All pesticide handlers must wear protective eyewear (goggles, a faceshield, or safety glasses with front, brow, and temple protection) when working in a non-ventilated space, including but not limited to crawl-spaces and basements or when applying termiticide by rodding or sub-slab injection.

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

USER SAFETY RECOMMENDATIONS

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

ENVIRONMENTAL HAZARDS

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 washwaters.

DIRECTIONS FOR USE

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

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

Read entire label before using this product.

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

STORAGE AND DISPOSAL

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

STORAGE

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

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL

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 \leq 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. 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.

In case of minor spills or leaks, soak up with sand, earth or other suitable material and dispose of as pesticide waste.

DIRECTIONS FOR USE TO CONTROL TERMITES

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 leaks or significant exposures to persons occupying the structure. People present or residing in the structure during application must be advised to remove their pets and themselves from the structure if they see any signs of leakage. After application, the applicator is

required to check for leaks. All leaks resulting in the deposition of termiticide in locations other than those prescribed on this label must be cleaned up prior to leaving the application site. **DO NOT** allow people or pets to contact contaminated areas or to reoccupy contaminated areas of the structure until the clean up is completed.

- Prior to drilling and treating through concrete structures, such as patios, porches, sidewalks and foundation slabs applicator should first determine that 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 may be in the area during application.
- All holes in commonly occupied areas into which **Termidor® SC termiticide/insecticide** has been applied must be plugged. Plugs must be of a non-cellulose material or covered by an impervious, non-cellulose material.
- **DO NOT** apply finished dilution of **Termidor SC** until all 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** treat within a distance of one foot out from the drip line of edible plants.
- **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.
- Use anti-backflow or air gap equipment with filling hoses.

GENERAL INFORMATION

Termidor SC, when used as recommended in this label, provides effective prevention and/or control of subterranean termites. In order to maximize the termiticide potency of **Termidor SC**, it should be applied in a manner to provide a continuous treated zone to prevent termites from infesting the wood to be protected.

Termidor SC should only be applied by licensed technicians familiar with trenching, rodding, short rodding, sub-slab injection, low-pressure banded surface applications, and foam delivery techniques. **Termidor SC** is highly effective against a variety of subterranean termites including species of *Reticulitermes*, *Zootermopsis*, *Heterotermes*, and *Coptotermes*. While **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 control situations. Where severe termite infestations occur, where problem soils occur or where difficult or problem construction types are encountered, it may be advisable to use either 0.09% or 0.125% **Termidor SC**.

Termidor SC is formulated as a water-based suspension concentrate liquid containing 9.1% active ingredient.

MIXING INSTRUCTIONS

Mix **Termidor® SC termiticide/insecticide** in the following manner:

1. Fill tank 1/4 - 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. Start pump to begin by-pass agitation and place end of treating tool in tank to allow circulation through hose.
3. Add appropriate amount of **Termidor SC**. Refer to the table in the box below to determine the proper amount to add to prepare the desired amount of finished dilution.
4. Add remaining amount of water.
5. Let pump run and allow recirculation through the hose back into the tank until **Termidor SC** in the tank has dispersed completely.

To Mix 0.06% Desired Finished Dilution of Termidor SC*	Start with (gallons of water)	Add (fluid ounces of Termidor SC)
100 gallons finished dilution	99.25	78 fl oz (or 2 qt + 14 fl oz)
50 gallons finished dilution	49.75	39 fl oz (or 1 qt + 7 fl oz)
25 gallons finished dilution	24.75	19 fl oz (or 1 pt + 3 fl oz)
1 gallon of finished dilution	1	0.8 fl oz

To Mix 0.09% Desired Finished Dilution of Termidor SC*	Start with (gallons of water)	Add (fluid ounces of Termidor SC)
100 gallons finished dilution	99	117 fl oz (or 3 qt + 21 fl oz)
50 gallons finished dilution	49.75	59 fl oz (or 1 qt + 27 fl oz)
25 gallons finished dilution	24.75	29 fl oz (or 1 pt + 13 fl oz)
1 gallon of finished dilution	1	1.2 fl oz

To Mix 0.125% Desired Finished Dilution of Termidor SC*	Start with (gallons of water)	Add (fluid ounces of Termidor SC)
100 gallons finished dilution	98	156 fl oz (or 1 gal + 28 fl oz)
50 gallons finished dilution	49.75	78 fl oz (or 2 qt + 14 fl oz)
25 gallons finished dilution	24.75	39 fl oz (or 1 qt + 7 fl oz)
1 gallon of finished dilution	1	1.6 fl oz

* Percentage weight of active ingredient to weight of spray dilution.

APPLICATION VOLUME

To provide maximum control and protection against termite infestation, apply the volumes of **Termidor SC** finished dilution specified in the **DIRECTIONS FOR USE** throughout this label. However, if the soil will not accept these 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. **DO NOT** treat while

precipitation is occurring. **DO NOT** treat soil that is water-saturated or frozen or in any conditions where runoff or movement from the treatment area (site) is likely to occur.

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 TREATMENT

DO NOT APPLY AT A DOSAGE AND/OR CONCENTRATION LOWER THAN TERMIDOR SC AT 0.06% FOR APPLICATIONS UP TO AND INCLUDING INSTALLATION OF THE FINAL GRADE. Prior to each application, applicators must notify the general contractor, construction superintendent, or similar responsible party, of the intended **Termidor SC** 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** has been absorbed into the soil.

GENERAL

Pre-construction treatments are defined to include treatments made during all phases of construction up to and including installation of the final grade. Effective pre-construction termite control is achieved by establishing a thorough and complete horizontal and vertical treated zone using 0.06%, 0.09% or 0.125% **Termidor SC**.

When treating foundations deeper than 4 feet, apply the termiticide as the backfill is being replaced, or, if the construction contractor fails to notify the applicator to permit this, treat the foundation to a minimum depth of 4 feet after the backfill has been installed. The applicator must trench and rod into the trench or trench along the foundation walls and around pillars and other foundation elements, at the rate prescribed from grade to a minimum depth of 4 feet. When the top of the footing is exposed, the applicator must treat the soil adjacent to the footing to a depth not to exceed the bottom of the footing. However, in no case should a structure be treated below the footing.

CONCRETE SLAB (INCLUDING MONOLITHIC, FLOATING AND SUPPORTED CONCRETE SLABS) ON GROUND OR IN BASEMENTS

HORIZONTAL TREATED ZONES

Apply an overall treatment of **Termidor SC** to the entire surface to be covered beneath the concrete slab. This includes the slab under the actual living area, plus carports, porches, basement floors, and any extended entrances. Make this treatment at the rate of 1-1.5 gallons finished dilution per 10 square feet. Make these applications using a coarse spray nozzle and low-pressure spray (less than 25 p.s.i.), spraying the dilution evenly and uniformly over the entire area treated.

VERTICAL TREATED ZONES

Apply **Termidor® SC termiticide/insecticide** at rate of 1 gallon finished dilution/square foot around anything penetrating the slab (e.g. utility services, plumbing lines) and at 4 gallons of finished dilution per 10 linear feet per foot of depth along the inside and outside perimeter of foundation walls. The applicator must trench and rod into the trench or trench along the foundation walls and around pillars and other foundation elements. Make this treatment along the inside of foundation walls at the rate of 4 gallons finished dilution (0.06%, 0.09% or 0.125% **Termidor SC**) per 10 linear feet per foot of depth, or if the footing is more than 4 feet below grade, to a minimum depth of 4 feet below grade. A trench need not be wider than six inches. Low-pressure spray (less than 25 p.s.i. at the nozzle) may be used to treat soil which will be replaced in the trench. When rodding from grade or from the bottom of a shallow trench, rod holes should be spaced in a manner that will allow for application of a continuous treated zone, but not wider than 12 inches apart. Rod holes should not extend below the top of the footing.

These two applications, horizontal treated zone (overall treatment 1-1.5 gallons/10 square feet) and vertical treated zone (the additional treatment of 4 gallons/10 linear feet) should be made prior to covering area with the concrete slab. If slab is poured prior to horizontal treatment, **Termidor SC** can be used to treat penetrations, joints, bath traps, shower pan accesses, etc. as detailed in **Post-Construction** treatment section of label. However, it is highly recommended that a complete horizontal treated zone be created prior to slab pour). If the slab is not to be poured the same day as treatment, cover the treated soil with a waterproof barrier such as polyethylene sheeting.

After completion of the grading, apply **Termidor SC** by trenching and rodding into the trench or trenching alone along the slab or foundation perimeter at the rate of 4 gallons finished dilution (0.06%, 0.09% or 0.125% **Termidor SC**) per 10 linear feet per foot of depth, or if the footing is more than 4 feet below grade, to a minimum depth of 4 feet. Trenches must be a minimum of 6 inches deep or to the bottom of the footing and need not be wider than 6 inches. When trenching in sloping (tiered) soil, the trench must be stepped to ensure adequate distribution and to prevent **Termidor SC** from running out of the trench. The finished dilution (0.06%, 0.09% or 0.125% **Termidor SC**) should be mixed with the soil as it is replaced in the trench. Rod holes must be spaced so as to achieve a continuous treated zone but in no case more than 12 inches apart. However, in no case should the structure be treated below the footing.

CRAWL SPACES

For crawl spaces, apply vertical termiticide treatment at the rate of 4 gallons of finished dilution (0.06%, 0.09% or 0.125% **Termidor SC**) 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 foundation and all piers and

pipes. When the top of the footing is exposed, the applicator must treat the soil adjacent to the footing to a depth not to exceed the bottom of the footing.

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

HOLLOW BLOCK FOUNDATIONS/VOIDS

Hollow block foundations or voids in masonry resting atop the footing may be treated in order to create a continuous treatment zone in the area to be treated. Applicators may drill and treat into voids of masonry elements if not openly accessible. Apply at the rate of 2 gallons of finished dilution per 10 linear feet of footing using a nozzle pressure of 25 p.s.i. or less. When using this treatment, access holes may be drilled below the sill plate and should be as close as possible to the footing as is practical. Treatment of voids in block or rubble foundation walls must be closely examined: Applicators must inspect areas of possible runoff as a precaution against application leakage in the treated areas. Some areas may not be treatable or may require mechanical alteration prior to treatment.

All leaks resulting in the deposition of **Termidor SC** in locations other than those prescribed on this label must be cleaned up prior to leaving the application site.

DO NOT allow people or pets to contact contaminated areas or to reoccupy the contaminated areas of the structure until the clean up is completed.

Not for use in voids insulated with rigid foam.

POST-CONSTRUCTION CONVENTIONAL STRUCTURAL TERMITE TREATMENT

GENERAL

For applications made after the final grade is installed for the purpose of protecting the structure from termite infestation and/or for controlling existing termite populations. The applicator must trench and rod into the trench or trench along the foundation walls and around pillars and other foundation elements, at either 0.06%, 0.09% or 0.125% **Termidor SC** from grade to the top of the footing. When the footing is more than four (4) feet below grade, the applicator must trench and rod into the trench or trench along the foundation walls, at either 0.06%, 0.09% or 0.125% **Termidor SC**, to a minimum depth of four 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 not to exceed the bottom of the footing. However, in no case should a structure be treated below the footing. Exterior concrete structures adjoining the foundation, such as patios, porches and sidewalks, may be drilled followed by treatment by sub-slab injection of the **Termidor® SC termiticide/insecticide** dilution in order to complete the exterior perimeter treatment zone along the foundation wall.

DO NOT apply finished dilution (0.06%, 0.09% or 0.125% **Termidor SC**) until the location and type of (1) construction of heat or air-conditioning ducts and vents, (2) water and sewer (or plumbing) lines and (3) electrical lines/conduits are known and identified. Caution must be taken to avoid contamination of and damage to these structural elements and airways.

CONCRETE SLAB OVER SOIL (INCLUDING MONOLITHIC, FLOATING AND SUPPORTED CONCRETE SLABS)

EXTERIOR PERIMETER

Apply by trenching and rodding into the trench or trenching along the foundation at the rate of 4 gallons finished dilution (0.06%, 0.09% or 0.125% **Termidor SC**) per 10 linear feet per foot of depth, or, if the footing is more than 4 feet below grade, to a minimum depth of 4 feet. Trenches must be a minimum of 6 inches deep or to the bottom of the footing and need not be wider than 6 inches. The finished dilution (0.06%, 0.09% or 0.125% **Termidor SC**) should be mixed with the soil as it is replaced in the trench. Rod holes must be spaced so as to achieve a continuous treated zone but in no case more than 12 inches apart. However, in no case should the structure be treated below the footing.

SUB-SLAB INJECTION

Sub-slab injection treatments can be made from inside the structure or in cases when this is not possible, by drilling through the foundation from the outside as directed below. Prior to making any treatments, locate all heating/air conditioning ducts, vents, water/sewer lines, and electrical lines/conduits.

Vertical Drilling/Injection: To treat under the slab, drill vertically through the slab along the interior perimeter of the foundation including the garage. Drill holes along all concrete expansion joints, cracks, plumbing, and utility services penetrating the slab. It may be necessary to drill holes along one side of the slab adjacent to an interior partition wall if there is clear evidence of termite activity or damage in the wall. All drill-holes through the slab should be spaced so as to achieve a continuous treated zone but in no case be more than 12 inches apart. Inject a 0.06%, 0.09% or 0.125% dilution of **Termidor SC** into the drilled holes at the rate of 4 gallons per 10 linear feet per foot of depth. For best results, application should be made with a lateral dispersal nozzle. All holes in commonly occupied areas into which material has been applied must be plugged. Plugs must be of a non-cellulose material or covered by an impervious, non-cellulose material.

Horizontal Drilling/Rodding/Sub-slab Injection from the Exterior of the Foundation: This technique should be used to treat underneath the slab only when floors or interior design do not allow for vertical drilling. Care must be exercised not to rod into heating ducts, water/sewer lines, and electrical lines/conduits. Horizontal short-rodding practices can be used to establish a continuous treated zone in the soil proximal to the inside of the foundation wall. Holes should be drilled from outside the foundation at an angle which allows a finished dilution (0.06%, 0.09% or 0.125%) of **Termidor SC** to be deposited below heating ducts, water/sewer lines, and electrical conduits if present. Horizontal long rodding practices may only be employed to treat areas underneath the slab that are not accessible by vertical rodding or horizontal short rodding. Long rods exceeding 20 feet should not be used. For all horizontal rodding applications, all drill holes through the foundation should be spaced so as to achieve a continuous treated zone but in no case be more than 12 inches apart. Inject a 0.06%, 0.09% or 0.125% dilution of **Termidor SC** into the drilled holes at the rate of 4 gallons per 10 linear feet per foot of depth. For best results, make applications with a lateral dispersal nozzle. All holes must be plugged. Plugs must be of a non-cellulose material or covered by an impervious, non-cellulose material.

Bath Traps: Exposed soil or soil covered with tar or similar sealant beneath or around plumbing and/or drain pipe entry areas should be treated with a minimum of 1 gallon but no more than 4 gallons of finished dilution per square foot. Tar or sealant may have to be removed to allow for adequate soil treatment. An access door or inspection portal should be installed, if not already present. After inspection and removal of all wood/cellulose debris, the soil can be treated by rodding or drenching the soil with a 0.06%, 0.09% or 0.125% dilution of **Termidor SC**.

SHOWER DRAINS: Soil beneath and adjacent to shower pan drains may be treated. Drill through slab adjacent to shower pan and apply 0.06%, 0.09% or 0.125% finished spray dilution of **Termidor SC** by sub-slab injection to the soil below. Foam can be used to maximize dispersion. Multiple access points may be drilled adjacent to the drain. A directional dispersion tip may be used to enhance treatment of the soil below the drain. Treat soil with a minimum of 1 gallon but no more than 4 gallons finished spray dilution per shower drain. Horizontal rodding can be used to access and treat the soil associated with the shower drain.

STRUCTURES WITH FRENCH DRAINS AND SUMP PUMPS

French drains eliminate water at the footer 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** treat soil that is saturated or frozen. **DO NOT** make treatments while precipitation is occurring. **DO NOT** rod through the slab any closer than 24 inches to the French drain to prevent finished dilution seepage and/or damage to the drain

or the tiles. **DO NOT** apply **Termidor® SC termiticide/insecticide** within 5 feet of the sump pump pit and pump. **DO NOT** drill through hollow block foundations that border the French drain in order to prevent drainage/seepage from the block into the drain.

Once French drains have been identified and located, apply **Termidor SC** as follows:

- 1) Unplug the sump pump. Inspect sump 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 pit, unplug the sump pump and remove four cups of water from the pit. Mark the water level. Wait 10 minutes and check the water level in the 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 termiticide dilution. If dilution is detected, stop treatment immediately and remove dilution from the pump pit. All dilution must be removed from the sump pump pit before plugging in the sump pump again. Dispose of dilution from the sump pump as directed by this label in the **PESTICIDES DISPOSAL** section.

BASEMENT STRUCTURES

EXTERIOR PERIMETER

Apply by trenching and rodding into the trench or trenching along the foundation at the rate of 4 gallons finished dilution (0.06%, 0.09% or 0.125% dilution of **Termidor SC**) per 10 linear feet per foot of depth, or if the footing is more than 4 feet below grade, to a minimum depth of 4 feet. Trenches must be a minimum of 6 inches deep or to the bottom of the footing and need not be wider than 6 inches. When trenching in sloping tiered soil, the trench must be stepped to ensure adequate distribution and to prevent **Termidor SC** from running out of the trench. The finished dilution (0.06%, 0.09% or 0.125% of **Termidor SC**) should be mixed with the soil as it is replaced in the trench. Rod holes must be spaced so as to achieve a continuous treated zone but in no case more than 12 inches apart. However, in no case should the structure be treated below the footing.

INSIDE PERIMETER

To treat under the basement floor slab, drill vertically through the slab along the interior perimeter of the foundation. Drill holes along all concrete expansion joints, cracks, plumbing, and utility services penetrating the slab. Drill holes along both sides of partition foundation walls, and around piers. It may be necessary to drill holes along one side of the slab adjacent to a non-foundation interior partition wall if there is clear evidence of termite activity in the wall. All drill holes through the slab should be spaced so as to achieve a continuous treated zone but in no case be more than 12 inches apart. Inject a 0.06%, 0.09% or 0.125% dilution of **Termidor SC** into the drilled holes at the rate of 4 gallons per 10 linear feet per foot of depth. For best results, application should be made with a lateral

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

ACCESSIBLE CRAWL SPACE CONSTRUCTION

BEFORE TREATMENT: Turn off any air circulation system that moves air from area to be treated to an untreated interior space of the structure until application has been completed and all Termidor SC has been absorbed by the soil.

For crawl spaces, apply vertical termiticide treatment at the rate of 4 gallons of 0.06%, 0.09% or 0.125% **Termidor SC** per 10 linear feet per foot of depth from grade to the top of the footing, or if the footing is more than 4 feet below grade, to a minimum depth of 4 feet. Apply by trenching and rodding into the trench, or trenching. Treat both sides of the foundation and around all piers and pipes. 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 the soil adjacent to the footing to a depth not to exceed the bottom of the footing. Read and follow mixing and use directions on this label if situations are encountered where the soil will not accept the full application volume.

- Rod holes and trenches must not extend below the bottom of the footing.
- Rod holes must be spaced so as to achieve a continuous treated zone but in no case more than 12 inches apart.
- Trenches must be a minimum of 6 inches deep or to the bottom of the footing, whichever is less, and need not be wider than 6 inches. When trenching in sloping (tiered) soil, the trench must be stepped to ensure adequate distribution and to prevent termiticide from running off. The 0.06%, 0.09% or 0.125% **Termidor SC** dilution must be mixed with the soil as it is replaced in the trench.

INACCESSIBLE CRAWL SPACE CONSTRUCTION

BEFORE TREATMENT: Turn off any air circulation system that moves air from the area to be treated to an untreated interior space of the structure until application has been completed and all Termidor SC has been absorbed by the soil.

For inaccessible interior areas, such as 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 a horizontal treated zone, apply to the soil surface, 1 gallon of 0.06%, 0.09% or 0.125% **Termidor® SC termiticide/insecticide** per 10 square feet using a nozzle pressure of less than 25 p.s.i. and a coarse application nozzle (e.g., Delavan Type RD Raindrop®, RD-7 or larger, or Spraying Systems Co. 80110LP Teejet® or comparable nozzle). For an area that cannot be reached with the application wand, use one or more extension rods to make the application to the soil. **DO NOT** broadcast or power spray with high pressures.
2. To establish a horizontal treated zone, drill through the foundation wall or through the floor above and treat the soil adjacent to the foundation wall at a rate of 1 gallon of 0.06%, 0.09% or 0.125% **Termidor SC** per 10 square feet. Drill spacing must be at intervals not to exceed 16 inches. Many states have smaller intervals so check state regulations which may apply. Soil adjacent to foundation elements may be treated with short or long rodding techniques without drilling, if access for treatment tool to soil site is available.
2. Treat soil at the rate of 4 gallons of 0.06%, 0.09% or 0.125% **Termidor SC** per 10 linear feet per foot of depth of the trench, or 1 gallon of 0.06%, 0.09% or 0.125% **Termidor SC** per 1.0 cubic foot of soil. Mix thoroughly into the soil taking care to contain the liquid and prevent runoff or spillage.
3. After the treated 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 with nearby water sources such as wells, cisterns, surface ponds, streams, and other bodies of water and evaluate, at a minimum, the treatment recommendations listed below prior to making an application.

1. Prior to treatment, if feasible, expose the water pipe(s) coming from the well to the structure, if the pipe(s) enter the structure within 3 feet of grade. Treatment of soil adjacent to the water pipe(s) should be done according to the backfill method described above.
2. Prior to treatment, applicators are advised to take precautions to limit the risk of applying the termiticide into subsurface drains that could empty into any bodies of water. These precautions include evaluating whether application of **Termidor SC** to the top of the footer may result in contamination of the subsurface drain. Factors such as depth to the drain system, soil type and degree of soil compaction should be taken into account in determining the depth of treatment.
3. When appropriate (e.g., on the water side of the structure), the treated backfill method (described above) can also be used to minimize off-site movement of **Termidor SC**.
4. Applicator may apply a 0.125% dilution at 2 gallons/10 linear feet/foot of depth to minimize potential of runoff into non-target areas.

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 in order to create a continuous treatment zone in the area to be treated. Applicators may drill and treat into voids of masonry elements if not openly accessible. Apply at the rate of 2 gallons of finished dilution per 10 linear feet of footing using a nozzle pressure of 25 p.s.i. or less. When using this treatment, access holes may be drilled below the sill plate and should be as close as possible to the footing as is practical. Treatment of voids in block or rubble foundation walls must be closely examined: Applicators must inspect areas of possible runoff as a precaution against application leakage in the treated areas. Some areas may not be treatable or may require mechanical alteration prior to treatment.

All leaks resulting in the deposition of **Termidor SC** in locations other than those prescribed on this label must be cleaned up prior to leaving the application site. **DO NOT** allow people or pets to contact contaminated areas or to reoccupy the contaminated areas of the structure until the clean up is completed.

Not for use in voids insulated with rigid foam.

TREATMENT OF STRUCTURES WITH WELLS OR CISTERNS

DO NOT contaminate wells or cisterns.

DO NOT apply **Termidor SC** 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. 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 onto heavy plastic sheeting or similar material or into a wheelbarrow.

PLENUM CONSTRUCTION

BEFORE TREATMENT: Turn off any air circulation system that moves air from the space to be treated to an untreated interior space of the structure until application has been completed and all Termidor SC has been absorbed by the soil.

Application of **Termidor SC** to the soil exterior to the foundation walls should follow the instructions listed above in **ACCESSIBLE CRAWL SPACE CONSTRUCTION**, including instructions for sloping (tiered) soils.

Interior treatment of plenum structures that use a sealed underfloor space to circulate heat and/or cooled air throughout the structure need to follow the instructions below:

1. Remove the sealing fabric and anything on the sealing fabric to expose no more than 18 inches adjacent to all foundation structures, including foundation walls, interior piers, pipes, and any other structures with soil contact. Follow the instructions listed above for exterior

and interior treatment of **ACCESSIBLE CRAWL SPACE CONSTRUCTION**.

2. After the finished dilution of **Termidor® SC termiticide/insecticide** has been absorbed by the soil, replace the sealing fabric and anything to be placed on the sealing fabric to its original, pre-treatment position.

FOAM APPLICATIONS

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 through the use of foam-generating equipment. Treatment of filled stoops and porches, chimney bases, piers, soil under concrete slabs, into block voids, behind masonry, other veneers, and stud walls are examples where foam applications may be useful. Foam applications to wall voids in stud walls should utilize dry foam only (from a range of relatively dry foam of 15:1 to 25:1 to 50:1 expansion ratio). Apply foam to wall voids where termites or termite damage are present or suspected.

In general, “foam only” treatment under slabs is appropriate when attempting to maximize horizontal coverage in areas where there is no deep foundation or footing (e.g. around plumbing entries, and near settlement cracks in concrete slabs). In areas where both lateral spread and deeper vertical penetration of the termiticide is needed both foam and conventional liquid should be used (e.g. adjacent to foundation walls). Foam and liquid applications must be consistent with volume and active ingredient instructions in order to ensure proper application has been made. The volume and amount of active ingredient are essential to an effective treatment. At least 75% of the gallons of the 0.06%, 0.09% or 0.125% **Termidor SC** finished dilution must be applied as a typical liquid treatment. The remaining 25% or less gallons should be delivered to appropriate locations using a foam application. The total amount of product applied with the combination of foam and liquid finished dilution should be equivalent to that of an application of liquid finished dilution only. Foam applications are generally a good supplement to liquid treatments and they can be helpful in treating difficult areas.

FOAM MIXING INSTRUCTIONS AND APPLICATION

Prepare the finished dilution of **Termidor SC** and mix it with manufacturer's recommended volume of foaming agent in foaming equipment. Apply a sufficient volume of **Termidor SC** foam formulation to provide a continuous treated zone at the recommended rate for specific applications (these various rates are provided in the text of this label). If sufficient foam volume cannot be applied to achieve the recommended rate of **Termidor SC**, apply additional finished dilution of **Termidor SC** as liquid to assure proper treatment volume and concentration in the treated area.

MIXING TABLE FOR TERMIDOR SC FOAM

Termidor SC Use Dilution	Gallons of Finished Dilution	Foam Expansion Ratio**	Finished Foam (gallons)
0.06%, 0.09% or 0.125% ai *	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 spray dilution.

** Add the manufacturer's recommended quantity of foam agent to the **Termidor SC** dilution.

POST-CONSTRUCTION EXTERIOR PERIMETER/LOCALIZED INTERIOR (EP/LI) STRUCTURAL TERMITE TREATMENT*

*Not approved for use in Louisiana.

GENERAL INFORMATION

For post-construction applications after the final grade is installed for the purpose of protecting the structure from termite infestation and/or for controlling existing termite populations. **Termidor SC** can be used to protect structures by using the Conventional structural treatment or the Exterior Perimeter/Localized Interior structural treatment. Structural termite protection is achieved by first establishing a continuous treated zone along the exterior foundation of the structure. Localized interior treatments are then made to areas where known termite activity is observed. If no termite activity is observed inside the structure at treatment time, then interior local treatments are not required.

This treatment method is designed to be non-invasive to the interior of the structure by applying a continuous treatment along the exterior foundation and only treating the interior areas that show termite activity. It may not be a conventional complete treatment. If you have questions regarding this treatment, consult your lead state agency. **Termidor SC**, when used as recommended in this label, provides effective subterranean termite control.

Termite activity is defined as one or more of the following infestation conditions: either alates (winged termites) have swarmed inside the structure or live termites are found to be active within the structure; or there is clear evidence of termite activity on or in the structure (mud tubes, galleries in wood) and live termites.

DO NOT apply **Termidor SC** as an Exterior Perimeter/Localized Interior treatment at a finished dilution concentration lower than 0.06% or an application volume less than that specified in the **APPLICATION VOLUME** use directions section of this label.

A. EXTERIOR PERIMETER TREATMENT

When conducting an exterior perimeter application, **Termidor® SC termiticide/insecticide** must be applied in a manner to provide a continuous treatment zone to prevent termites from infesting the structure. Read and follow **APPLICATION VOLUME** use directions on this label if situations are encountered where the soil will not accept the full application volume recommended in the following use directions.

A.1 CONCRETE SLAB ON GROUND (INCLUDING MONOLITHIC, FLOATING AND SUPPORTED CONCRETE SLABS)

Apply along the exterior foundation perimeter by trenching and rodding into the trench or trenching at the rate of 4 gallons finished dilution (0.06%, 0.09% or 0.125% **Termidor SC**) per 10 linear feet per foot of depth. Trenches must be a minimum of 6 inches deep, or to the bottom of the footing, and need not be wider than 6 inches. The finished dilution must be mixed with the soil as it is replaced in the trench. Rod holes must be spaced so as to achieve a continuous treatment zone but in no case more than 12 inches apart. However, in no case should the structure be treated below the footing.

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 with rod holes no more than 12 inches apart. Drilling and sub-slab treatment of sub-soil is necessary for exterior concrete structures adjoining the foundation such as patios, porches and 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. In no case should the structure be treated below the footing.

A.2 BASEMENT AND INACCESSIBLE CRAWL SPACE CONSTRUCTION

Apply along the exterior foundation perimeter by trenching and rodding into the trench or trenching at the rate of 4 gallons finished dilution (0.06%, 0.09% or 0.125% **Termidor SC**) 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. Trenches must be a minimum of 6 inches deep or to the bottom of the footing and need not be wider than 6 inches. When trenching in sloping or tiered soil, the trench must be stepped to ensure adequate distribution and to prevent **Termidor SC** from running out of the trench. The finished dilution must be mixed with the soil as it is replaced in the trench. Rod holes must be spaced so as to achieve a continuous treatment zone but in no case more than 12 inches apart. However, in no case should the structure be treated below the footing.

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 with rod holes no more than 12 inches apart. Drilling and sub-slab injection treatment of sub-soil is necessary for exterior concrete structures adjoining the foundation such as patios, porches and 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. In no case should the structure be treated below the footing.

If termite activity is found inside an inaccessible crawl space, the area with termite activity must be treated. 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 Conventional treatment section of this label.

A.3 ACCESSIBLE CRAWL SPACES

BEFORE TREATMENT: Turn off any air circulation system that moves air from area to be treated to an untreated interior space of the structure until application has been completed and all Termidor SC has been absorbed by the soil.

For crawl spaces, apply vertical termiticide treatment at the rate of 4 gallons of 0.06%, 0.09% or 0.125% **Termidor SC** 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 outside 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 the soil adjacent to the footing to a depth not to exceed the bottom of the footing. Drilling and sub-slab injection treatment of sub-soil is necessary for exterior concrete structures adjoining the foundation such as patios, porches and sidewalks, to complete the exterior perimeter treatment zone. Read and follow mixing and use directions on this label if situations are encountered where the soil will not accept the full application volume.

- Rod holes and trenches must not extend below the bottom of the footing.
- Rod holes must be spaced so as to achieve a continuous treated zone but in no case more than 12 inches apart.
- Trenches must be a minimum of 6 inches deep or to the bottom of the footing, whichever is less, and need not be wider than 6 inches. When trenching in sloping (tiered) soil, the trench must be stepped to ensure adequate distribution and to prevent termiticide from running off. The 0.06%, 0.09% or 0.125% **Termidor SC** dilution must be mixed with the soil as it is replaced in the trench.

A.4 GARAGES: Attached garage floors should be treated in structures.

SUB-SLAB INJECTION

Sub-slab injection treatments can be made from inside the garage or in cases where this not possible, by drilling through the foundation from the outside as directed below. Prior to making any treatments, locate all heating/air conditioning ducts, vents, water/sewer lines, and electrical lines/conduits.

Vertical Drilling/Injection: To treat under the slab, drill vertically through the slab along the interior perimeter of the garage foundation. Drill holes along all concrete expansion joints, cracks, plumbing, and utility services penetrating the slab. It may be necessary to drill holes along one side of the slab adjacent to an interior partition wall if there is clear evidence of termite activity or damage in the wall. All drill holes through the slab should be spaced so as to achieve a continuous treatment zone but in no case be more than 12 inches apart. Inject a 0.06%, 0.09% or 0.125% dilution of **Termidor® SC termiticide/insecticide** into the drilled holes at the rate of 4 gallons per 10 linear feet per foot of depth. For best results, application should be made with a lateral dispersal nozzle. All holes in commonly occupied areas into which material has been applied must be plugged. Plugs must be of a non-cellulose material or covered by an impervious, non-cellulose material such as Portland cement.

Horizontal Drilling/Rodding/Sub-slab Injection from the Exterior of the Garage Foundation: This technique should be used to treat underneath the slab only when interior design does not allow for vertical drilling. Care must be exercised not to rod into heating ducts, water/sewer lines, and electrical lines/conduits. Horizontal short-rodming practices can be used to establish a continuous treatment zone along the inside perimeter of the foundation. Holes should be drilled from outside the foundation at an angle which allows a finished dilution (0.06%, 0.09% or 0.125%) of **Termidor SC** to be deposited below heating ducts, water/sewer lines, and electrical conduits if present. Horizontal long rodding practices may only be employed to treat areas underneath the slab that are not accessible by vertical rodding or horizontal short rodding. Long rods exceeding 20 feet should not be used. For all horizontal rodding applications, all drill holes through the foundation should be spaced so as to achieve a continuous treatment zone but in no case be more than 12 inches apart. Inject a 0.06%, 0.09% or 0.125% dilution of **Termidor SC** into the drilled holes at the rate of 4 gallons per 10 linear feet per foot of depth. For best results, make applications with a lateral dispersal nozzle. All holes must be plugged. Plugs must be of a non-cellulose material or covered by an impervious, non-cellulose material such as Portland cement.

B. LOCALIZED INTERIOR TREATMENT

Targeted interior applications may be made to vulnerable areas such as around plumbing/utility lines penetrating floors, bath and/or shower traps, or along expansion joints or settlement cracks as part of a complete treatment.

However, if known termite activity exists (as described above in the section on general information) in areas inside the living spaces (occupied areas of the structure) or non-living spaces (such as crawl spaces, plenums, etc.) of the structure, a localized interior treatment must be made in the immediate vicinity (at least 2 feet in two or more directions radiating from the site) of the termite activity.

B.1 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 evidence must be treated with **Termidor SC** at 0.06%, 0.09% or 0.125% finished dilution at a rate equal to 4 gallons per 10 linear feet. This localized interior treatment must be made at the site of the termite activity and at least 2 feet in two or more directions radiating from the site. Foam can be used to maximize dispersion. Drill holes in commonly occupied areas must be plugged with a non-cellulose material or covered by an impervious, non-cellulose material such as Portland cement.

B.2 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 on the footing, the wall adjacent to the evidence must be drilled, if not openly accessible, and **Termidor SC** at 0.06%, 0.09% or 0.125% finished dilution must be injected into the void at a rate equal to 2 gallons per 10 linear feet of footing using a nozzle of 25 p.s.i. 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, access holes should be drilled below the sill plate and should be as close to the footing as is practical. Treatment of voids in block or rubble foundation walls must be closely examined: Applicators must inspect areas of possible runoff as a precaution against application leakage in the treated areas. Some areas may not be treatable or may require mechanical alteration prior to treatment. All leaks resulting in the deposition of **Termidor SC** in locations other than those prescribed on this label must be cleaned up prior to leaving the application site. **DO NOT** allow people or pets to contact contaminated areas or to reoccupy the contaminated areas of the structure until the clean up is completed. The drilled holes in commonly occupied areas must be plugged with a non-cellulose material or covered by an impervious, non-cellulose material such as Portland cement.

B.3 BATH TRAPS

If termite activity is observed within 2 feet of the bath trap, then exposed soil or soil covered with tar or similar sealant around plumbing and/or drainpipe entry areas must be treated. Tar or sealant may have to be removed to allow for adequate soil treatment. An access door or inspection portal should be installed if one is not already present. After inspection and removal of all wood/cellulose debris, the soil can be treated by rodding or drenching the soil

with a 0.06%, 0.09% or 0.125% dilution of **Termidor® SC termiticide/insecticide**. Treat with a minimum of 1 gallon to a maximum of 4 gallons of finished dilution per square foot.

B.4 SHOWER DRAINS

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

RETREATMENT INSTRUCTIONS

Retreatment for subterranean termites can only be performed if there is clear evidence of reinfestation or disruption of the treated zone due to construction, excavation, or landscaping and/or evidence of the breakdown of the termiticide treated zone in the soil. These vulnerable or reinfested areas may be retreated using a spot, partial or complete treatment(s) in accordance with application techniques described on this label. The timing and type of these retreatments will vary depending on factors such as termite pressure, soil types, soil conditions and other factors which may reduce the effectiveness of the treated zone. Annual re-treatment of the structure is prohibited unless there is clear evidence that reinfestation, treatment zone disruption and/or evidence of breakdown has occurred.

USE WITH OTHER PRODUCTS

When a borate-based termite control product is used as the primary pre-construction treatment for subterranean termites and is applied in according to label directions for use, **Termidor SC** may be applied as an exterior perimeter pre-construction treatment using 0.06%, 0.09% or 0.125% dilution. If the exterior perimeter pre-construction treatment option is selected, **Termidor SC** must be applied to provide a continuous treated zone along the exterior foundation of the structure. A complete and thorough horizontal pre-construction treatment with **Termidor SC** under the concrete slab is optional. **Termidor SC** may also be applied to critical areas of the interior of the structure. These areas include plumbing and utility entry sites, bath traps, shower drain penetrations, expansion joints, foundation cracks, and areas of known or suspected termite activity.

For applications to the exterior perimeter and critical areas follow the instructions in the **POST-CONSTRUCTION EXTERIOR PERIMETER/LOCALIZED INTERIOR (EP/LI) STRUCTURAL TERMITE TREATMENT** section of this label.

POSTS, POLES, WOOD LANDSCAPE ORNAMENTATION

DO NOT contaminate wells or cisterns.

Preventative Treatment: Create a continuous chemical treatment zone in the soil around wooden posts, poles, fence posts, signs or landscape ornamentation. Apply a 0.06%, 0.09% or 0.125% dilution of **Termidor SC** at the rate of 4 gallons per 10 linear feet per foot of depth. For treatments made during installation, the finished dilution may be applied to soil as it is replaced around the post or pole. The finished application should place termiticide to a depth of six inches below the bottom of the posts, poles, or other wooden items in contact with the soil.

Curative Treatment: Previously installed poles, posts, landscape ornamentation, or signs may be treated with a 0.06%, 0.09% or 0.125% finished dilution of **Termidor SC** by sub-surface injection or treated by gravity flow through holes made from the bottom of a trench around the pole or post. When trenching, the trench need not be wider than 6 inches wide and 6 inches deep. When sub-surface injecting, treat all sides to create a continuous treatment zone. Apply to a depth of six inches below the bottom of the wood.

Termites Above Ground

For control of termite aerial colonies or drywood termites. In localized areas of wood structures, apply at a 0.06%, 0.09% or 0.125% dilution of **Termidor SC** to areas of wooden members/voids. Application may be made to inaccessible areas by drilling, and then injecting the finished dilution with a crack and crevice injector into the damaged wood or void spaces. **Termidor SC** foam applications may be made to void spaces.

Termite carton nests in trees or building voids may be injected with 0.06%, 0.09% or 0.125% dilution using a pointed injection tool. Multiple injection points to varying depths may be necessary. It is desirable to physically remove carton nest material from building voids when such nests are found.

After application, the applicator is required to check for leaks resulting in deposition of treatment dilution in locations other than those prescribed on this label. When found, this material must be cleaned up prior to leaving the application site. **DO NOT** allow people or pets to contact contaminated areas or to reoccupy contaminated areas of the structure until the clean up is completed.

DO NOT TREAT FRUIT- OR NUT-BEARING TREES.

DIRECTIONS FOR USE TO CONTROL LISTED PESTS ON OUTSIDE SURFACES AND ALONG FOUNDATION PERIMETER OF LISTED STRUCTURES

Listed structures are residential, institutional, commercial and industrial buildings and utility enclosures.

USE RESTRICTIONS

- Only protected applicators wearing personal protective equipment as required by this product label may be in the area during application.
- **DO NOT** treat within a distance of one foot out from the drip line of edible plants.
- **DO NOT** contaminate public and private water supplies.
- **DO NOT** contaminate water, food or feed. Cover or remove all exposed food, feed and drinking water.
- **DO NOT** apply to wasp or hornet nests if they are not attached to the structure exterior or inside wall voids.
- **DO NOT** make treatments while precipitation is occurring.
- **DO NOT** allow residents, children, other persons or pets into the immediate area during application. **DO NOT** allow residents, children, other persons or pets into treated area until sprays have dried. After application, the applicator is required to check for leaks resulting in deposition of treatment dilution in locations other than those prescribed on this label. When found, this material must be cleaned up prior to leaving the application site. **DO NOT** allow people or pets to contact contaminated areas or to reoccupy contaminated areas of the structure until the clean up is completed.
- **DO NOT** spray air conditioning units or air intake vents.
- **DO NOT** use indoors except for applications into wall voids.
- **DO NOT** exceed the maximum of two applications per year.
- **DO NOT** apply to playground equipment and pet quarters.
- **DO NOT** allow applications to runoff or drip from treated surface.
- **DO NOT** apply to boat houses, including their piers or pilings.
- **DO NOT** apply within 5 feet of wells or cisterns.
- **DO NOT** apply to French drains or other permeable drainage.
- Doors and windows adjacent to application site must be closed during surface application.
- **DO NOT** apply within 15 feet of bodies of fresh water: lakes, reservoirs, rivers, permanent streams, marshes,

natural ponds and commercial fish ponds. A 15-foot buffer of uniform groundcover must exist between application zone and bodies of fresh water (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 bodies of water. Estuarine water bodies are brackish, tidal water bodies such as bays, mouths of rivers, salt marshes and lagoons.

Use **Termidor® SC termiticide/insecticide** to kill and provide residual control of the following pests: ants (acrobat, Argentine, big-headed, carpenter, crazy, odorous, pavement, pharaoh, thief)

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

MIXING INSTRUCTIONS

To prepare 1 gallon of a 0.06% spray dilution, add 0.8 fl oz of **Termidor SC** to the treatment tank already 1/4 - 1/3 filled 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. While agitating add more water to make 1 gallon of finished dilution.

To make treatment, continue agitation and apply a coarse spray using a low-pressure sprayer.

APPLICATIONS TO OUTSIDE SURFACES OF LISTED STRUCTURES AND INTO WALL VOIDS

Apply 0.06% **Termidor SC** finished dilution where listed pests enter the structure, where they trail or crawl and hide or where their nests are found. Treat using a low-pressure coarse banded surface spray up to 18 inches in width around doors, windows, vents, pipes or any other exterior openings and/or with a crack and crevice injection tip into foundation cracks or drilled holes where listed pests could enter the structure. Be especially careful to treat the joint where exterior siding (wood, vinyl, aluminum or any similar material) meets the cement, block or brick foundation. Treat areas where any wires (electrical, telephone or cable) enter the house. **Termidor SC** foam applications may be made to wall voids to kill/control listed pests. Refer to the **Foam Applications** section of this label for specific foam mixing and application instructions.

APPLICATIONS TO PERIMETER OF LISTED STRUCTURES

Apply 0.06% **Termidor® SC termiticide/insecticide** finished dilution as a low-pressure coarse general surface spray along the foundation exterior perimeter to an area one foot up and one foot out from where the ground meets the foundation. Apply 2 quarts of 0.06% **Termidor SC** finished spray per 160 linear feet. (This rate is approximately 1.5 gallons finished spray per 1000 square feet.) If nests are found on the ground within one foot of the foundation, treatment of **Termidor SC** can be made to these nests.

It is recommended to remove or prune away shrubbery, bushes, and tree branches touching the structure. Vegetation touching the structure may offer a route of entry for ants into the structure. This may allow ants to inhabit the structure without coming in contact with the treatment.

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.

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NOTICE TO BUYER

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LABEL LICENSE FOR TERMIDOR

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BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709


The Chemical Company

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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

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

Details of the supplier of the safety data sheet

Company:

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

Telephone: +1 973 245-6000

Emergency telephone number

24 Hour Emergency Response Information

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

Other means of identification

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

2. Hazards Identification

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

Classification of the product

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

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

Label elements

Pictogram:



Signal Word:
Danger

Hazard Statement:

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

Precautionary Statements (Prevention):

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

Precautionary Statements (Response):

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

Precautionary Statements (Disposal):

P501	Dispose of contents/container in accordance with local regulations.
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3. Composition / Information on Ingredients

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

Fipronil

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

Alkyl-naphthalenesulfonic acid, polymer with formaldehyde, sodium salt

CAS Number: 68425-94-5
Content (W/W): 0.3 - 1.0%
Synonym: No data available.

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4. First-Aid Measures

Description of first aid measures

General advice:

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

If inhaled:

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

If on skin:

Wash thoroughly with soap and water

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

If in eyes:

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

If swallowed:

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

Most important symptoms and effects, both acute and delayed

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

Indication of any immediate medical attention and special treatment needed

Note to physician

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

5. Fire-Fighting Measures

Extinguishing media

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

Special hazards arising from the substance or mixture

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

Advice for fire-fighters

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

Further information:

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

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

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

Environmental precautions

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

Methods and material for containment and cleaning up

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

7. Handling and Storage

Precautions for safe handling

RECOMMENDATIONS ARE FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS. PESTICIDE APPLICATORS & WORKERS must refer to the Product Label and Directions for Use attached to the product for Agricultural Use Requirements in accordance with the EPA Worker Protection Standard 40 CFR part 170. Ensure adequate ventilation. Provide good ventilation of working area (local exhaust ventilation if necessary). Keep away from sources of ignition - No smoking. Keep container tightly sealed. Protect contents from the effects of light. Protect against heat. Protect from air. Handle and open container with care. Do not open until ready to use. Once container is opened, content should be used as soon as possible. Avoid aerosol formation. Avoid dust formation. Provide means for controlling leaks and spills. Do not return residues to the storage containers. Follow label warnings even after container is emptied. The substance/ product may be handled only by appropriately trained personnel. Avoid all direct contact with the substance/product. Avoid contact with the skin, eyes and clothing. Avoid inhalation of dusts/mists/vapours. Wear suitable personal protective clothing and equipment.

Protection against fire and explosion:

The relevant fire protection measures should be noted. Fire extinguishers should be kept handy. Avoid all sources of ignition: heat, sparks, open flame. Sources of ignition should be kept well clear. Avoid extreme heat. Keep away from oxidizable substances. Electrical equipment should conform to

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

Conditions for safe storage, including any incompatibilities

Segregate from incompatible substances. Segregate from foods and animal feeds. Segregate from textiles and similar materials.

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

8. Exposure Controls/Personal Protection

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

Components with occupational exposure limits

Fipronil TWA value 0.042 mg/m³ ;

Advice on system design:

Whenever possible, engineering controls should be used to minimize the need for personal protective equipment.

Personal protective equipment

RECOMMENDATIONS FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS:

Respiratory protection:

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

Hand protection:

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

Eye protection:

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

Body protection:

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

General safety and hygiene measures:

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

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

9. Physical and Chemical Properties

Form:	liquid
Odour:	characteristic
Odour threshold:	Not determined due to potential health hazard by inhalation.
Colour:	off-white
pH value:	approx. 6.5 - 8.5 (21 °C)
Melting point:	< 0 °C Information applies to the solvent.
Boiling point:	approx. 100 °C Information applies to the solvent.
Flash point:	> 206.96 °F
Flammability:	not applicable
Lower explosion limit:	As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.
Upper explosion limit:	As a result of our experience with this product and our knowledge of its composition we do not expect any hazard as long as the product is used appropriately and in accordance with the intended use.
Autoignition:	Information applies to the solvent. not applicable
Vapour pressure:	approx. 23.3 hPa (20 °C) Information applies to the solvent.
Density:	approx. 1.06 g/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.

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10. Stability and Reactivity

Reactivity

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

Chemical stability

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

Possibility of hazardous reactions

The product is chemically stable.

Hazardous polymerization will not occur. No hazardous reactions if stored and handled as prescribed/indicated.

Conditions to avoid

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

Incompatible materials

strong oxidizing agents

Hazardous decomposition products

Decomposition products:

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

Thermal decomposition:

Possible thermal decomposition products:

carbon monoxide, carbon dioxide, nitrogen oxide, Hydrogen chloride, hydrogen fluoride, Sulphur dioxide

Stable at ambient temperature. If product is heated above decomposition temperature toxic vapours may be released. If product is heated above decomposition temperature hazardous fumes may be released.

11. Toxicological information

Primary routes of exposure

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

Acute Toxicity/Effects

Acute toxicity

Assessment of acute toxicity: Slightly toxic after single ingestion. Slightly toxic after short-term skin contact. Slightly toxic after short-term inhalation.

Oral

Type of value: LD50

Species: rat

Value: 1,999 mg/kg

Inhalation

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

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

Dermal

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

Assessment other acute effects

Assessment of STOT single:

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

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

Irritation / corrosion

Assessment of irritating effects: May cause slight irritation to the skin. May cause moderate but temporary irritation to the eyes.

Skin

Species: rabbit
Result: Slightly irritating.

Eye

Species: rabbit
Result: Slightly irritating.

Sensitization

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

modified Buehler test

Species: guinea pig
Result: Non-sensitizing.

Aspiration Hazard

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

Chronic Toxicity/Effects

Repeated dose toxicity

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

Information on: Fipronil

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

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Genetic toxicity

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

Information on: bronopol

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

Carcinogenicity

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

Information on: Fipronil

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

Reproductive toxicity

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

Teratogenicity

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

Other Information

Misuse can be harmful to health.

Medical conditions aggravated by overexposure

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

12. Ecological Information

Toxicity

Aquatic toxicity

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

Toxicity to fish

Information on: Fipronil

LC50 (96 h) 0.0852 mg/l, Lepomis macrochirus

Aquatic invertebrates

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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

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, Mysisidopsis 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

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

Additional information

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

13. Disposal considerations

Waste disposal of substance:

Pesticide wastes are regulated. Improper disposal of excess pesticide, spray mix or rinsate is a violation of federal law. If pesticide wastes cannot be disposed of according to label instructions, contact the State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container disposal:

Rinse thoroughly at least three times (triple rinse) in accordance with EPA recommendations. Consult state or local disposal authorities for approved alternative procedures such as container recycling. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

RCRA:

This product is not regulated by RCRA.

14. Transport Information

Land transport

USDOT

Not classified as a dangerous good under transport regulations

Sea transport

IMDG

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

Air transport

IATA/ICAO

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

Further information

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

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

15. Regulatory Information

Federal Regulations

Registration status:

Crop Protection TSCA, US released / exempt

Chemical TSCA, US blocked / not listed

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

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

BASF Risk Assessment, CA Prop. 65:

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

NFPA Hazard codes:

Health: 2 Fire: 1 Reactivity: 1 Special:

Labeling requirements under FIFRA

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.

CAUTION:

HARMFUL IF SWALLOWED.

HARMFUL IF ABSORBED THROUGH SKIN.

HARMFUL IF INHALED.

Causes eye irritation.

Do not get in eyes, on skin, or on clothing.

Do not breathe vapours/mists.

Wash thoroughly after handling.

16. Other Information

SDS Prepared by:

BASF NA Product Regulations

SDS Prepared on: 2021/05/25

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

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a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

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