

53883-92

5/28/2013

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460-0001



OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

5-28-13

Ms. Juanita Mercure  
Control Solutions Inc  
5903 Genoa Red Bluff  
Pasadena, TX 77507

Subject: Amended Reregistration Label  
Product Name: Cyper TC Insecticide  
EPA Registration Number: 53883-92  
EPA Decision Numbers: 397778

Dear Ms. Mecure:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the referenced product in connection with the **CYPERMETHRIN RED**, and has concluded that your submission is acceptable.

NOTE: This product is **not** being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label or durably marked on the container itself, and can be added by non-notification per PRN 98-10.

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated October 2, 2002

A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

If you have any questions about this letter, please contact Samantha Hulkower at 703-603-0683 or [hulkower.samantha@epa.gov](mailto:hulkower.samantha@epa.gov).

Sincerely Yours,



Richard J. Gebken  
Product Manager (10)  
Insecticide Branch  
Registration Division (7504P)

*Enclosures:*

- Label stamped "Accepted"*
- Acute Toxicity Review, dated January 8, 2010*
- Product Chemistry Review, dated March 10, 2010*

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under:

ACCEPTED 3/20  
5-28-13  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under:

EPA Reg. No: \_\_\_\_\_

# CYPER TC INSECTICIDE

EPA Reg. No: 53883-92

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

**ACTIVE INGREDIENT:**

**Cypermethrin**  
(±)α-cyano-(3-phenoxyphenyl)methyl(±)-*cis,trans*-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate\* ..... 25.4%

**OTHER INGREDIENTS\*\*:** ..... 74.6%

Total ..... 100.0%

\**Cis/trans* ratio: 47/53 ± 10%  
\*\*contains petroleum distillates  
Contains 2 pounds active ingredient per gallon.

## KEEP OUT OF REACH OF CHILDREN CAUTION

Si usted no entiende la etiqueta, busque a alguien para que la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

### FIRST AID

**IF SWALLOWED:** Immediately call poison control center or doctor immediately for treatment advice. Do not give any liquid to the person. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF ON SKIN OR CLOTHING:** 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 IN EYES:** 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.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall® International (866) 897-8050 for emergency medical treatment information.

**NOTE TO PHYSICIAN:** Contains petroleum distillate – vomiting may cause aspiration pneumonia.

**FOR CHEMICAL EMERGENCY:** Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.

NET CONTENT: \_\_\_\_\_

EPA Reg. No. 53883 – 92

EPA Est. No. xxxx-xxx-xxx

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION.** Harmful if swallowed. Harmful if inhaled. Do not breathe vapor or spray mist. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Some materials that are chemical-resistant to this product are barrier laminate or viton. If you want more options, follow the instructions for category G on an EPA chemical resistance category selection chart.

All pesticide handlers (mixer, loader, and applicators) must wear:

- chemical-resistant apron or long-sleeved coveralls worn over a minimum of short-sleeved shirt and short pants,
- socks, and chemical-resistant footwear,
- chemical-resistant gloves made of barrier laminate or viton.

Regular work shirts, pants, socks, shoes and waterproof gloves are sufficient after the product is diluted in accordance with label directions for use and/or when mixing and loading using a closed spray tank transfer system or an in-line injector system.

When treating adjacent to an existing structure, the applicator must check the area to be treated, and immediately adjacent areas of the structure, for visible and accessible cracks and holes to prevent any leaks or significant exposures to persons occupying the structure. 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 apply this product in a way that will contact any person, or pet, either directly or through drift. Keep people and pets out of the area during application. Exit area immediately and remain outside the treated area until sprays have dried.”

**USER SAFETY REQUIREMENTS**

Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product’s concentrate. Do not reuse them.

**USER SAFETY RECOMMENDATIONS**

**Users should:**

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

**ENVIRONMENTAL HAZARDS**

This pesticide is extremely toxic to fish and aquatic invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

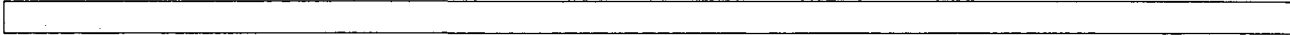
This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

**For Treatment of Preconstruction Lumber and Logs:** Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing

prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment authority. For guidance contact your State Water Board or Regional Office of the EPA.

**PHYSICAL AND CHEMICAL HAZARDS**

Do not use or store near heat or open flame.



**DIRECTIONS FOR USE**

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

For use on plants intended for aesthetic purposes or climate modification and being grown in interior plantscapes, ornamentals, gardens or parks, or lawns and grounds.

**Restrictions for Indoor Use**

Do not use water-based sprays in conduits, motor housings, junction boxes, switch boxes, or other electrical equipment because of possible shock hazard.

During any indoor surface application, do not allow dripping or runoff to occur. During any application to ceilings of a structure, cover surface below with plastic shielding or similar material.

Do not apply this product in any room being used as a living, eating, or recovery area by patients, the elderly, or the infirm when they are in the room.

Do not apply to classrooms when in use.

Do not apply to areas of institutions (including libraries, sport facilities, etc.) when occupants are present in the immediate treatment area.

Do not use as a space spray.

Use only in well-ventilated areas.

Do not use concentrate or emulsion in fogging equipment. (Non RTU Formulations only)

Do not use in food areas of food handling establishments which includes areas for receiving, serving, storage (dry, cold, frozen, raw), packaging (canning, bottling, wrapping, boxing), preparing (cleaning, slicing, cooking, grinding), edible waste storage, enclosed processing systems (mills, dairies, edible oils, syrups). In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Exposed food should be covered or removed.

Do not use in warehouses while raw agricultural commodities for food or feed, and/or raw or cured tobacco are being stored.

Do not use in greenhouses where crops for food or feed are grown.

**Pet Restrictions**

Do not apply to pets. Remove birds and other pets before application. Cover any water inhabited by fish (such as aquariums and ornamental fish ponds) during treatment, and turn aquarium systems off.

**INFORMATION ON THE USE OF THIS PRODUCT FOR TERMITE CONTROL**

CYPER TC Insecticide provides control of subterranean termites (including eastern subterranean, western subterranean, desert termite, and Formosan subterranean termite) and when applied to wood may be used for spot treatment of drywood termites (*Incisitermes* spp.).

Chemicals for soil treatment are used to establish a barrier against termite attack. The chemical emulsion must be adequately dispersed in the soil to provide a barrier between the wood in the structure and the termite colonies in the soil.

For the effective use of this product, it is necessary that the service technician be familiar with current control practices including trenching, rodding, subslab injection, and low-pressure spray applications. These techniques must be correctly employed to prevent or control infestations by subterranean termite species of *Reticulitermes*, *Zootermopsis*, *Heterotermes* and *Coptotermes* (Formosan termite). Choice of appropriate procedures should include consideration of such variable factors as the design of the structure, water table, soil type, soil compaction, grade conditions, location and type of domestic water supplies and drainage systems. The biology and behavior of the termite species involved are important factors to be known as well as suspected location of the colony and severity of the infestation within the structure to be protected.

Effective termite control also includes elimination of termite access to moisture by recommending repair of faulty construction grade and/or plumbing. Remove all wood and cellulose containing debris in contact with soil from crawl spaces, porches, and around foundations.

For advice concerning current control practices with relation to the specific local conditions, consult resources in structural pest control and the State regulatory agency.

**EACH YEAR PRIOR TO AN APPLICATION TO VINYL SIDING, TREAT A SMALL AREA ON ALL SIDES OF THE STRUCTURE WHERE WEATHERING IS MOST SEVERE, AND ALLOW TO DRY. OBSERVE FOR STAINING. SOME TYPES OF VINYL SIDING, PARTICULARLY IF AGED OR WEATHERED, MAY SHOW SOME STAINING AFTER APPLICATION OF AN EMULSIFIABLE CONCENTRATE PRODUCT. TO COMPLETELY ELIMINATE THE POTENTIAL RISK ASSOCIATED WITH STAINING, IT IS SUGGESTED THAT A WATER BASED PRODUCT BE USED.**

**Indoor and outdoor Termite Control Restrictions**

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 the contaminated area until the cleanup is completed.

Use anti-backflow equipment or procedures to prevent siphonage of pesticide back into water supplies.

**Outdoor Residential Termite Control Restrictions**

Do not water the treated area to the point of run-off.

Do not make applications during rain.

**SUBTERRANEAN TERMITE CONTROL (Including Eastern, Western and Formosan Termites)**

**USE DIRECTIONS**

Apply 0.25%-0.50% solution to establish subsurface termite control barriers as specified on product labeling.

Avoid contamination of public and private water supplies by following these precautions:

- Use anti-backflow equipment or procedures to prevent siphonage of pesticide back into water supplies.
- Do not treat soil beneath structures that contain wells or cisterns.
- Do not treat soil that is water-saturated or frozen. Do not treat while precipitation is occurring.

- Care should be taken that the treatment solution is not introduced into the gravel and/or pipe drainage system which may be located on the exterior of the foundation in close proximity to the footing of the structure.

Consult State and local specifications for recommended distance of treatment areas from wells. Refer to Federal Housing Administration Specifications for guidance on preconstruction treatments.

**MIXING DIRECTIONS**

Mix the termiticide in the following manner:

1. Fill tank 1/4 to 1/3 full with water.
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 CYPER TC Insecticide.
4. Add remaining amount of water.
5. Let pump run and allow recirculation through the hose for 2 to 3 minutes.

**CYPER TC Use Dilutions**

Concentration (% active)	Tank Size							
	1 gallon		25 gallon		50 gallon		100 gallon	
	Cyper TC	Water	Cyper TC	Water	Cyper TC	Water	Cyper TC	Water
0.25	1.3 oz.	126.7 oz.	32.0 oz.	24.8 gal.	0.5 gal.	49.5 gal.	1.0 gal.	99.0 gal.
0.50	2.6 oz.	125.4 oz.	64.0 oz.	24.5 gal.	1.0 gal.	49.0 gal.	2.0 gal.	98.0 gal.
1.00	5.1 oz.	122.0 oz.	128.0 oz.	24.0 gal.	2.0 gal.	48.0 gal.	4.0 gal.	96.0 gal.

**After Treatment:** All holes in commonly occupied areas into which material has been applied must be plugged. Plugs must be in a non-cellulose material or covered by an impervious, non-cellulose material.

**APPLICATION VOLUMES**

To provide maximum control and protection against termite infestation apply the specified volume of the finished water emulsion and active ingredient as set forth in the directions for use section of this label. In situations which will not accept sufficient amounts of water, such as clay rich soils, reduced volumes of emulsion can be used which will deliver the appropriate concentration of termiticide to the soil. This may also apply to sensitive areas and/or applications where less volume may be desirable. Under such circumstances, the volume may be reduced provided there is a corresponding increase in concentration so that the amount of active ingredient applied to the soil remains the same.

NOTE: Large reductions of application volume reduce the ability to obtain a continuous barrier. Variance is allowed when volume and concentration are consistent with label directed rates and a continuous barrier can still be achieved.

Where soil conditions will not accept application of specified volume (gallons) of emulsion, the 0.5% emulsion may be applied at one-half the labeled application volume or a 1% emulsion may be applied at one-half the labeled application volume. Distribute the treatment evenly.

NOTE: When volume is reduced, the hole spacing for subslab injection and soil rodding may require similar adjustments to account for lower volume dispersal of the termiticide in the soil. Volume adjustments at 1% are not recommended for subslab injection.

VOLUME ADJUSTMENT CHART			
Volume Allowed	Rate (% Emulsion)		
	0.25%	0.5%	1.0%
Horizontal (gallons emulsion/10 sq. ft)	1 gallon	0.5 to 1 gallon	0.25 to 0.5 * gallon
Vertical (gallons emulsion/10 linear ft)	4 gallons	2 to 4 gallons	1 to 2* gallons

\*Not recommended for subslab injection.

**PRECONSTRUCTION SUBTERRANEAN TERMITE TREATMENT**

Effective pre-construction subterranean termite control requires the establishment of an unbroken vertical and/or horizontal chemical barrier between wood in the structure and the termite colonies in the soil.

Prior to each application, applicators must notify the general contractor, construction superintendent, or similar responsible party, of the intended termiticide application and intended sites of application and instruct the responsible person to notify construction workers and other individuals to leave the area to be treated during application and until the termiticide is absorbed into the soil.

To meet F.H.A. termite-proofing requirements, follow the latest edition of the Housing and Urban Development (H.U.D.) Minimum Property Standards.

**DO NOT APPLY AT A LOWER DOSAGE AND/OR CONCENTRATION THAN SPECIFIED ON THIS LABEL FOR APPLICATIONS PRIOR TO THE INSTALLATION OF THE FINISHED GRADE.**

After grading is completed and prior to pouring of the slab, slab-supported or constructed porches, and other critical areas, make the following treatments:

**HORIZONTAL BARRIERS:** Horizontal barriers may be established in areas intended for covering such as floors, porches, and other critical areas. Application shall be made by a low-pressure spray (less than 50 p.s.i. at the nozzle).

Apply the emulsion at the rate of 1 gallon per 10 square feet to fill dirt. If fill is washed gravel or other coarse material, apply the emulsion at the rate of 1-1/2 gallons per 10 square feet. If concrete slabs cannot be poured over soil the same day it has been treated, a waterproof cover, such as polyethylene sheeting, should be placed over the soil. This is not necessary if foundation walls have been installed around the treated soil.

**VERTICAL BARRIERS:** Vertical barriers may be established around the base of foundations, plumbing, back-filled soil against foundation walls, and other critical areas; applications may be made by trenching and rodding into the trench or trenching. Apply the emulsion at the rate of 4 gallons per 10 linear feet per foot of depth. For example, a footing 3 feet deep would require 12 gallons of emulsion per 10 linear feet.

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.



A trench need not be wider than 6 inches. Rod from the base of a shallow trench to the top of the footings. Low-pressure spray (less than 50 p.s.i. at the nozzle) may be used to treat soil which will be replaced in the trench. Mix the emulsion with the soil as it is being replaced in the trench.

Soil should be treated around sewer lines, plumbing, or around any other utility extending from the soil through a slab.

**HOLLOW MASONRY UNITS OF THE FOUNDATION:** Hollow block voids may be treated at the rate of 2 gallons of emulsion per 10 linear feet so that the emulsion will reach the top of the footing. Treat so as to make a continuous chemical barrier in the voids.

You may 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 barrier in the area to be treated. Apply at the rate of 2 gallons of emulsion per 10 linear feet of footing using a nozzle pressure of less than 25 p.s.i. When using this treatment access holes must 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 area 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 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 the contaminated areas of the structure until the clean up is completed.

Not for use in voids insulated with rigid foam.

**CRAWL SPACES:** For crawl spaces apply at the rate of 4 gallons of emulsion per 10 linear feet per foot of depth from grade to the top of the footing. Application may be made by trenching and rodding into the trench or trenching. If the footing is exposed at or above grade, application should be made with special care to avoid washout around footing. Treatment should include both sides of foundation and around all piers and pipes.

- Rod holes should be spaced to provide a continuous chemical barrier.
- Trench need not be wider than 6 inches nor below the foundation. The emulsion should be mixed with the soil as it is being replaced in the trench.

**POSTCONSTRUCTION TREATMENTS**

Postconstruction applications may be made by subslab injection, trenching and rodding into the trench or trenching using low-pressure spray not exceeding 25 p.s.i. at the nozzle.

For applications made after the final grade is installed, the applicator must trench and rod into the trench along the foundation walls and around pillars and other foundation elements, at the rate prescribed from grade to the top of the footing. When the footing is more than 4 feet below grade, the applicator must trench and rod into the trench or trench along the foundation walls at the rate prescribed to a minimum depth of 4 feet. The actual depth of treatment will vary depending on soil type, degree of compaction, and location of termite activity. When the top of the footing is exposed, the applicator must treat the soil adjacent to the footing to a depth not exceeding the bottom of the footing. However, in no case should a structure be treated below the footing.

Do not apply emulsion until location of heat or air-conditioning ducts, vents, and water and sewer (or plumbing) lines are known and identified. Caution must be taken to avoid contamination of these structural elements and airways.

**Preconstruction Termiticide Restrictions:**

The treatment site must be covered prior to a rain event in order to prevent run-off of the pesticide into non-target areas.

The applicator must either cover the soil him/herself or provide written notification of the above requirement to the contractor on site and to the person commissioning the application (if different than the contractor). If notice is

provided to the contractor or the person commissioning the application, then they are responsible under FIFRA to ensure that: 1) if the concrete slab cannot be poured over the treated soil within 24 hours of application the treated soil is covered with a waterproof covering (such as polyethylene sheeting), and 2) the treated soil is covered if precipitation is predicted to occur before the concrete slab is scheduled to be poured.

Do not treat soil that is water-saturated or frozen.

Do not treat when raining.

Do not allow treatment to runoff from the target area.

Do not apply within 10 feet of storm drains. Do not apply within 25 feet of aquatic habitats (such as, but not limited to, lakes; reservoirs; rivers; permanent streams; marshes or ponds; estuaries; and commercial fish farm ponds).

Do not make on-grade applications when sustained wind speeds are above 10 mph (at application site) at nozzle end height.

Whenever possible, make termite control applications near the structure foundation using soil injection.

**SLAB-ON-GOUND:** Apply the emulsion at the rate of 4 gallons per 10 linear feet per foot of depth. Application shall be made by sub-slab injection, trenching and rodding into the trench or trenching. Injectors should not extend below the tops of the footings.

Treat the soil from grade to the top of the footing along the outside and, where necessary, along the inside of the foundation perimeter. Treatment may also be required along one side of a partition wall (especially where the wall is connected to the flow by fixtures inserted in the slab) and along cracks, expansion joints, and other critical areas.

Drill holes should be spaced about 10 to 24 inches apart to provide a continuous chemical barrier. (For best results, application should be made with a lateral dispersion nozzle).

Where necessary, drill through the foundation walls from the outside and inject the chemical just beneath the slab or along the inside of the foundation.

Along the outside of the foundation walls where shallow foundations exist (1 foot or less), dig a narrow trench approximately 6 inches wide and not below the top of the footing. Apply the emulsion at the rate of 2 gallons per 10 linear feet. As the soil is being replaced into the trench, apply another 2 gallons per 10 linear feet to the backfill.

When making soil applications to the foundations extending deeper than 1 foot, follow instructions under **BASEMENTS – Outside Perimeter.** (See exception for monolithic slabs immediately following.)

**Note:** For monolithic slab construction a vertical barrier may be established along the outside of foundation walls from grade to the bottom of the monolithic poured concrete foundation. Where the foundation extends deeper than 1 foot, rod holes should not extend beneath the bottom of the monolithic poured concrete foundation.

**HOLLOW MASONRY UNITS OF FOUNDATION WALLS:** 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 barrier in the area to be treated. Apply at the rate of 2 gallons of emulsion per 10 linear feet of footing using a nozzle pressure of less than 25 p.s.i. When using this treatment access holes must 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 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 the contaminated area of the structure until the clean up is completed.

Not for use in voids insulated with rigid foam.

When treating behind veneer, care should be taken not to drill beyond the veneer. If concrete blocks are behind the veneer, both the blocks and the veneer may be drilled and treated at the same time.

**BASEMENTS:** Apply the emulsion at the rate of 4 gallons per 10 linear feet per foot of depth from the grade to the top of the footing. For example a footing 3 feet deep would require 12 gallons of emulsion per 10 linear feet. Application shall be made by subslab, injection, trenching and rodding into the trench or trenching.

**Inside:** Treatment may be required along inside of foundation walls and along one side of interior partition walls (or bearing walls) especially where the wall is connected by fixtures inserted in the floor. Application may also be necessary around sewer pipes, floor drains, conduits, or any cracks in the basement floor. Drill holes should be spaced about 10 to 24 inches apart to provide a continuous chemical barrier.

**Note:** Sandy soils will tend to give less lateral dispersion than clay soils. Spacing should be determined by soil type.

**Outside Perimeter:** Applications must be made by trenching and rodding into the trench or trenching. 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 chemical barrier. Rod holes should not extend beneath the top of the footings.

A trench need not be wider than 6 inches. Rod from the base of a shallow trench to the top of the footings. Low-pressure spray (not exceeding 25 p.s.i.) may be used to treat soil which will be replaced in the trench. Mix the emulsion with the soil as it is being replaced in the trench.

**HOLLOW MASONRY UNITS OF THE FOUNDATION AND/OR BASEMENT WALL (BELOW GRADE):** Treat so as to make a continuous chemical barrier in the voids. Apply the emulsion at the rate of 2 gallons per 10 linear feet. Apply the emulsion so it will reach the footing.

**ACCESSIBLE CRAWL SPACES:** For crawl spaces, apply vertical termiticide barriers at the rate of 4 gallons of emulsion 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 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 the mixing and use direction section of the 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 chemical barrier 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 emulsion must be mixed with the soil as it is replaced in the trench.
- When treating crawl spaces, turn off the air circulation system of the structure until application has been completed and all termiticide has been absorbed by the soil.

**INACCESSIBLE CRAWL SPACES:** 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:

- To establish a horizontal barrier, apply to the soil surface, 1 gallon of emulsion per 10 sq. ft. overall 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. 8010LP 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 higher pressures.
- To establish a horizontal barrier drill through the foundation wall or through the floor above and treat the soil perimeter at a rate of 1 gallon of emulsion 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.

When treating crawl spaces, turn off the air circulation system of the structure until application has been completed and all termiticide has been absorbed by the soil.

It is recommended that inadequately ventilated crawl spaces be brought into compliance with FHA Minimum Property Standards specifying 1 square foot of ventilator opening per 150 square feet of crawl space area.

**NOTE: Children and pets should be kept out of treated area until surface is completely dry.**

**BATH TRAPS:** Where there is exposed soil beneath and around plumbing/waste pipe entrances through a concrete slab, this soil may be treated with 0.5% emulsion of this product.

An access door for inspection and treatment should be cut and installed if not already present. After inspection and removal of any wood (form boards) or cellular debris, treat the soil by rodding and/or flooding with 0.5% emulsion of this product.

**FOAM APPLICATIONS**

CYPER TC Insecticide emulsion may be converted to a foam and the foam used to treat voids to control or prevent termite, ant, bee, wasp infestations or other arthropods harboring under slabs.

Depending on the circumstances, foam applications may be used alone or in combination with liquid emulsion applications. Applications may be made behind veneers, piers, chimney bases, into rubble foundations, into block voids or structural voids, under slabs, stoops, porches, or to the soil in crawl spaces, and other similar voids.

Foam and liquid application 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 labeled liquid emulsion volume of product must be applied with the remaining percent delivered to appropriate areas using foam application. Refer to label and use recommendations of the foam manufacturer and the foaming equipment manufacturer.

Foam applications are generally a good supplement to liquid treatments in difficult areas, but may be used alone in difficult spots.

**Rates:** Use a 0.25% to 1.0% emulsion converted to a foam with expansion characteristics from 2 to 20 times.

**Note:** When using a foaming product be sure that it is compatible with CYPER TC Insecticide.

**Applications Under Slabs or to Soil in Crawl Spaces:**

- Applications should be made using CYPER TC Insecticide foam in combination with liquid emulsion applications.
- The total amount of product applied with the combination of foam and liquid emulsion should be equivalent to that of an application using a liquid emulsion only.

**Applications to Other Areas:**

- Applications may be made using either CYPER TC Insecticide foam alone or in combination with a liquid emulsion.

- Applications may be made behind veneers, piers (concrete or wood), chimney bases, into rubble foundations, into block voids, structural voids (i.e., between stud walls), poles, stumps, and wood in crawl spaces.
- Applications may be made in other areas, which include but are not limited to:
  - Foundations penetrated by utility services
  - Cracks and expansion joints
  - Bath traps
  - Areas where cement constructions have been poured adjacent to the foundation such as stairs, patios and slab additions.

**POSTS, POLES AND OTHER CONSTRUCTIONS**

Application may be made to create a chemical barrier in the soil around wooden construction such as signs and landscape ornamentation by applying a 0.25%-0.5% emulsion. Treat on all sides to create a continuous barrier around posts and poles.

Use 1 gallon of emulsion per foot of depth for poles and posts less than six inches in diameter. For larger poles, use 1 1/2 gallons of emulsion per foot of depth. For larger constructions, use 4 gallons per 10 linear feet per foot of depth.

For treatments made during installation, the emulsion may be applied to the soil as it is replaced around the pole or post. Previously installed poles and posts may be treated by subsurface injection or treated by gravity-flow through holes made from the bottom of a trench around the pole or post. Treat on all sides to create a continuous chemical barrier. Apply to a depth of 6 inches below the bottom of the wood.

Do not contaminate wells or cisterns.

**STRUCTURES WITH WELLS/CISTERNS INSIDE FOUNDATIONS**

Structures that contain wells or cisterns within the foundation of a structure can only be treated using the following techniques:

- 1) Do not treat soil while it is beneath or within the foundation or along the exterior perimeter of a structure that contains a well or cistern. **Whenever possible, make termite control applications near the structure foundation using soil injections.**

The treated backfill method must be used if soil is removed and treated outside/away from the foundation. The treated backfill technique is described as follows:

- a) Trench and remove soil to be treated onto heavy plastic sheeting or similar material or into a wheelbarrow.
  - b) Treat the soil at the rate of 4 gallons of dilute emulsion per 10 linear feet per foot of depth of the trench, or 1 gallon per 1.0 cubic feet of soil. See "Mixing Directions" section of the label. Mix thoroughly into the soil taking care to contain the liquid and prevent runoff or spillage.
  - c) After the treated soil has absorbed the diluted emulsion, replace the soil into the trench.
- 2) Treat infested and/or damaged wood in place using an injection technique such as described in the "Treatment of Wood in Place for Control of Termites, Carpenter Ants, Carpenter Bees and Wood Infesting Beetles" section of this label.

**STRUCTURES WITH ADJACENT WELL/CISTERNS AND/OR OTHER WATER BODIES**

Application 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.
- 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 the termiticide to the top of the footer may result in contamination of the subsurface drain. Factors such as depth to the drain system and soil type and degree of compaction should be taken into account in determining the depth of treatment.
- 3) When appropriate (i.e., on the water side of the structure), the treated backfill technique (described above) can also be used to minimize off-site movement of termiticide.

## UNDERGROUND SERVICES

Examples of underground services are wires, cables, utility lines, pipes and conduits. Services may be within structures or located outside structures, in right-of-ways or to protect long range (miles) or installations of services.

Soil treatment may be made using a 0.25% to 0.5% CYPHER TC Insecticide emulsion to prevent attack by termites and ants.

Apply 2 to 4 gallons of emulsion per 10 linear feet to the bottom of the trench and allow to soak into the soil. Lay services on the treated soil and cover with approximately 2 inches of fill soil. Apply another 2 to 4 gallons per 10 linear feet over the soil surface to complete the treatment barrier. In wide trenches, only treat the soil in the area near the service. It is important to establish a continuous barrier of treated soil surrounding the services.

Where soil condition will not accept application of specified volume of 0.25% emulsion, the 0.5% emulsion may be applied at one-half the application rate or 2 gallons per 10 linear feet.

Finish filling the trench with untreated fill soil. The soil where each service protrudes from the ground may be treated by trenching and rodding into the trench or trenching of no more than 1 to 2 gallons of emulsion into the soil.

**Precaution:** Do not treat electrically-active underground services.

## RETREATMENT

Retreatment for subterranean termites can only be performed if there is clear evidence of re-infestation or disruption of the barrier due to construction, excavation, or landscaping and/or evidence of the breakdown of the termiticide barrier in the soil. These vulnerable or re-infested area may be retreated in accordance with application techniques described in this product's labeling. 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 barrier.

Annual retreatment of the structure is prohibited unless there is clear evidence that reinfestation or barrier disruption has occurred.

## TREATMENT OF WOOD IN PLACE FOR CONTROL OF TERMITES, CARPENTER ANT, CARPENTER BEES AND WOOD INFESTING BEETLES

In addition to subsurface applications, this product may be used for treating infested wood in place. It can be applied to wood by crack and crevice tool, coarse fan spray or injection. Overall broadcast spray applications must be limited to attics, crawl spaces, unfinished basements and similar generally unoccupied areas. In occupied indoor areas, treat wood trim and exposed beams by brush or coarse spray directed only onto the wood to be treated. Use this spray at a rate of 1 gallon of diluted spray per 1,000 square feet of surface area.

**IMPORTANT:** Do not apply emulsion until location of heat pipes, ducts, water and sewer lines and electrical conduits are known and identified. Caution must be taken to avoid puncturing and injection into these structural elements.

Do not permit humans or pets to contact treated surfaces until the spray has dried.

In the home, all food processing surfaces and utensils in the treatment area should be covered during treatment or thoroughly washed before reuse.

During any applications to overhead interior areas of structures, cover surfaces below with plastic sheeting or similar material.

**CONTROL OF WOOD INFESTING BEETLES:** To control wood infesting insects such as powderpost beetle (*Lyctidae*), false powderpost beetles (*Bostrichidae*), deathwatch beetles (*Anobiidae*), old house borers (*Cerambycidae*), and ambrosia beetles (*Scolytidae*) in homes and other structures, apply as an emulsion containing 0.25% CYPHER TC Insecticide. For treatment of small areas, apply by brushing the emulsion evenly on wood surfaces. For large or overhead areas, apply as a coarse spray. When spraying overhead interior areas of homes, apartment buildings, etc., cover all surfaces below the area being sprayed with plastic sheeting or other material.

which could be disposed of by placing in trash if contamination from dripping occurs. Sprayed surfaces should be avoided until spray has totally dried. Do not use in structures occupied by animals to be used for food purposes or which produce products for human consumption.

**TERMITES ABOVE GROUND:** For control of termites, subterranean aerial colonies, Formosan aerial colonies or drywood termites in localized areas of infested wood in structures, apply a 0.1%-0.25% emulsion to voids and galleries in damaged wood and in spaces between wooden members of a structure and between wood and foundations where wood is vulnerable. Application may be made to inaccessible areas by drilling, and then injecting the emulsion with a crack and crevice injector into the damaged wood or void spaces. Application to attics, crawl spaces unfinished basements, or man-made voids may be made with a coarse fan spray of 0.1%-0.25% emulsion to control workers and winged reproductive forms of termites in mud shelter tubes. This type of application is not intended to be a substitute for soil treatment for extensive infestation of drywood termites or other wood-infesting insects. Make treatments at a rate of 1 gallon of the emulsion per 1,000 sq. ft. of surface area.

For termites active inside trees, utility poles and/or fence post, drill to find the interior infested cavity and inject 0.1% emulsion using treatment tool with a splashback guard.

Termite carton nests in trees or building voids may be injected with 0.25%-0.50% emulsion 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.

**CARPENTER ANTS:** For control of carpenter ants in houses and other structures, apply as a 0.25% emulsion for protection up to 5 weeks, a 0.5% emulsion for protection up to 11 weeks, and a 1.0% emulsion for protection up to 1 year, with re-treatment semiannually as needed, around doors and windows, and other places where carpenter ants enter the premises and where they crawl. Spray into cracks and crevices or through openings or small-drilled holes into voids where these ants or their nests are present. Use no more than a sufficient amount of coarse spray to thoroughly cover the area. Do not allow runoff to occur. Do not exceed 1 gallon of dilute emulsion per 1000 square feet of treatment surface.

For carpenter ants active inside trees, utility poles and/or fence post, drill to find the interior infested cavity and inject 0.25% emulsion, for protection up to 1 week, using a treatment tool with a splashback guard. Reapply under heavy reinfestation pressure.

**FIREWOOD PROTECTION FROM CARPENTER ANTS:** Prior to laying in firewood, soil beneath the cord(s) may be treated with a 0.25%-0.50% emulsion at 1 gallon per 10 square feet to prevent carpenter ant infestation.

**CARPENTER BEES:** Use a 0.1% emulsion for control of carpenter bees. Liquid may be sprayed directly into gallery entrance holes. Following treatment, the entrance holes may be left open 24 hours to be certain that returning adult bees are killed. When there is no activity, the hole may be closed with wood putty.

**Treatment of Preconstruction Lumber and Logs\***

To protect unseasoned lumber and logs from wood-destroying insects, such as termites, carpenter ants, and beetles (ambrosia, powder-post, old house borers, and others), totally treat wood with a 0.25% to 0.5% solution of CYPHER TC Insecticide. This solution can be applied by various methods, including spraying, brushing, dipping, and pressure treatment. Frequent monitoring of dip and pressure systems are necessary to ensure that the desired level of CYPHER TC Insecticide is maintained. Wood can be handled after treatment when dry.

1. For dip treatments, the wood should be totally submersed in the solution until thoroughly wet and allowed to dry in a suitable location. Dipping solutions to which CYPHER TC Insecticide has been added should be agitated before use if left unused for long periods of time. Sediment, debris and other deposits should be periodically cleaned from the tank.
2. For pressure treatments, the wood should be placed in the treatment chamber, the CYPHER TC Insecticide solution added, and the system pressurized up to 250 psi for up to 1 hour, depending on the density and type of wood treated. After the pressure is released and the system drained, the wood should be placed in a suitable location for drying.
3. For spray treatments, the wood should be sprayed thoroughly, including back and ends.
4. For brush treatments, all parts of wood surfaces should be thoroughly treated.

\*Not approved for use in California

**PEST CONTROL UNDER AND AROUND STRUCTURES**

CYPER TC Insecticide may be diluted with water for use to control pests in and around homes and other structure. Pests controlled are listed in the following tables.

**UNDER SLABS**

Infestations of Arthropods, such as ants, cockroaches and scorpions inhabiting under slab areas may be controlled by drilling and injecting or horizontal rodding and then injecting 1 gallon of a 0.25% to 0.5% emulsion per 10 square feet or 2 gallons of emulsion per 10 linear feet.

**IN CRAWL SPACES**

Broadcast CYPER TC Insecticide at 0.25% to 0.5% to all surfaces in crawl spaces to control ants, fleas, cockroaches, scorpions, or other arthropods. Product may also be applied through under-structure insecticidal delivery systems such as piping or flexible tubing mounted under the structure. This treatment is not intended as a substitute for termite control. Treat surfaces thoroughly but not to the point of runoff. Keep children and pets off surface until dry.

**OUTSIDE SURFACES AND AROUND BUILDINGS**

Apply CYPER TC Insecticide using a 0.1% emulsion as a residual treatment to outside surfaces of buildings including, but not limited to, exterior siding, foundations, porches window frames, eaves, patios, garages, refuse dumps, lawns or grass areas adjacent or around private homes, duplexes, townhouses, condominiums, house trailers, apartment complexes, carports, garages, fence lines, storage sheds, barns, and other residential structures, commercial, industrial and institutional buildings, soil, trunks of woody ornamentals and other areas where pests congregate or have been seen. Base need for retreatment upon monitoring for pest presence.

**Restrictions for Outdoor Uses (other than termiticide use)**

All outdoor applications must be limited to spot and crack-and-crevice treatments only, except for the following permitted uses:

- 1. Treatment to soil or vegetation around structures;
- 2. Applications to lawns, turf, and other vegetation;
- 3. Application to building foundations, up to a maximum height of 3 feet.

Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches, and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack-and-crevice applications only.

Do not apply directly to sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur, except as directed by this label.

Do not allow applications to contact water inhabited by fish, such as in aquariums and ornamental fish ponds that are located in/around structures being treated.

Do not apply directly to swimming pools or swimming pool systems. This product may be applied as a broadcast treatment to lawns and other vegetated areas around swimming pools, or as a spot treatment or crack-and-crevice treatment to impermeable surfaces (such as tiled walkways) around pools.

Keep children and pets off treated areas until completely dry.

**CAUTION ON APPLICATION TO VINYL SIDING**

**EACH YEAR PRIOR TO AN APPLICATION TO VINYL SIDING, TREAT A SMALL AREA ON ALL SIDES OF THE STRUCTURE WHERE WEATHERING IS MOST SEVERE, AND ALLOW TO DRY. OBSERVE FOR STAINING. SOME TYPES OF VINYL SIDING, PARTICULARLY IF AGED OR**



**WEATHERED, MAY SHOW SOME STAINING AFTER APPLICATION OF AN EMULSIFIABLE CONCENTRATE PRODUCT. TO COMPLETELY ELIMINATE THE POTENTIAL RISK ASSOCIATED WITH STAINING, IT IS SUGGESTED THAT A WATER BASED PRODUCT BE USED.**

**BARRIER TREATMENT:** Apply 0.1% to a band of soil and vegetation 6 to 10 feet wide around and adjacent to the structure. Also, treat the foundation of the structure to a height of 2 to 3 feet. Use a treatment volume of 2 to 10 gallons per 1,000 square feet. Higher volumes of water may be needed if mulch or leaf litter is present or dense foliage exists. House siding may be treated if boxelder bugs, elm leaf beetles, earwigs, silverfish or other similar pests are present.

PEST	SPECIFIC INSTRUCTIONS
Ants Bees Carpenter Ants Carpenter Bees Centipedes Chiggers <sup>1</sup> Cockroaches Asian Cockroaches Crickets Earwigs Firebrats Flies Ground Beetles Mosquitoes Millipedes Pill Bugs <sup>1</sup> Scorpions Silverfish Sowbugs Spiders Wasps	Apply as a pinstream, as a fine/course, low pressure spray (20 psi or less), as a spot treatment or with a paintbrush. Treat where pests are found or entry points of the structure such as windows and door frames and along the foundation.

<sup>1</sup>Not approved for use in California.

**LAWN AND LANDSCAPE PEST CONTROL**

PEST	SPECIFIC INSTRUCTIONS
Chinch Bugs <sup>1</sup> Mole Crickets <sup>1</sup>	For residential lawns apply CYPER TC Insecticide at the rate of 0.33 to 0.65 fl. oz. per 1000 square feet in a volume of water sufficient for uniform coverage such as 3' to 20 gallons. Use the lower rate to knock down pests and the higher rate where faster knockdown or greater residual is desired. Lawn should not be longer than 3 inches at the time of application. Base need for retreatment upon monitoring for pest presence. Application in combination with compatible surfactants may enhance penetration. Arid climates generally require the higher volume.  For example refer to Lawn Application Dilution Table.
Ants Ant Mounds <sup>1</sup> Fire Ants <sup>1</sup>	Drench Method (Ant Mounds, Fire ants): Apply 1 to 2 gallons of emulsion to each mound area by sprinkling the mound until it is wet and treat a 4 foot diameter circle around the mound. Use the higher volume for mounds larger than 12 inches. For best results, apply in cool weather, such as in early morning or late evening hours, but not in the heat of the day.

Bark Beetles Borers Boxelder Bugs <sup>1</sup> Elm Leaf Beetles <sup>1</sup> Gypsy Moths (adults & caterpillars) <sup>1</sup>	Boxelder Bugs, Elm Leaf Beetles, Gypsy Moth Caterpillars: Spray tree trunks, building siding or wherever pests congregate thoroughly but not to the point of runoff.  Borers and Bark Beetles: To prevent infestation of trees and woody ornamentals, spray the bark thoroughly but not to the point of runoff.
Fleas & Ticks	Fleas and ticks: Mix 1.25 to 2.5 oz. of CYPER TC Insecticide in 16 to 100 gallons of water and apply to 4,000 square feet of lawn. Use the lower rate to knockdown existing fleas and the higher rate where faster knockdown or greater residual is desired.

<sup>1</sup>Not approved for use in California.

**LAWN APPLICATION DILUTION TABLE:** CYPER TC Insecticide rate (oz.) for 100 gallons according to volume of application.

Example: For a Chinch bug application at the rate of 0.65 oz. per 1,000 square feet, using 5 gallons of solution per 1,000 square feet of lawn, use 13 oz. of CYPER TC Insecticide in a 100 gallon tank. (1 fl. oz. equals 30 ml).

Volume per 1,000 sq. ft.	Amount of CYPER TC Insecticide		
	0.33 oz. per 1,000 sq. ft.	0.5 oz. per 1,000 sq. ft.	0.65 oz. per 1,000 sq. ft.
5 gal.	6.5 oz.	10.0 oz.	13.0 oz.
8 gal.	4.0 oz.	6.5 oz.	8.0 oz.
10 gal.	3.5 oz.	5.0 oz.	6.5 oz.
15 gal.	2.0 oz.	3.5 oz.	4.5 oz.
20 gal.	1.5 oz.	2.5 oz.	3.5 oz.

**RESTRICTIONS**

Nonfood/feed areas are areas such as garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling).

Not for use in Federally inspected meat and poultry plants.

**DO NOT APPLY THIS PRODUCT TO EDIBLE CROPS.**

Do not use in warehouses where raw or cured tobacco is stored.

Do not use in warehouses while raw agricultural commodities for food or feed are being stored.

Thoroughly wash dishes and food handling utensils with soap and water if they become contaminated by application of this product.

Do not allow spray to contact food, foodstuffs, food-contacting surfaces, food utensils or water supplies.

Do not allow people or pets on treated surfaces until the spray has completely dried.

Do not use concentrate or emulsion in fogging equipment.

During indoor surface application, do not allow dripping or run-off to occur.

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Do not apply this product in any rooms being used as living, eating, sleeping or recovery area by patients, the elderly or infirm when they are in the room.

Do not apply to classrooms when in use.

Do not touch treated surface until dry.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage and Spill Procedures:** Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spillage or leakages, soak up with an absorbent material such as sand, sawdust, earth, Fuller's earth, etc. Dispose of with chemical waste.

**Pesticide Disposal:** Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

**Container Disposal:**

**For Containers equal to or less than 5 Gallons:** Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse 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. Offer for recycling if available. If recycling is not available: then dispose of container in a sanitary landfill or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**For Containers greater than 5 Gallons:** Nonrefillable container. Do not reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling if available. If recycling is not available: then dispose of container in a sanitary landfill or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**For Bulk containers: (Refillable Container)** Refill this container with pesticides only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the re-filler. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or re-circulate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

**LIMITATION OF WARRANTY AND LIABILITY**

Read the entire direction for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following **CONDITIONS, DISCLAIMER OF WARRANTIES, and LIMITATIONS OF LIABILITY.**

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risk associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Control Solutions, Inc. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** To the extent consistent with applicable law, Control Solutions, Inc. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Control Solutions, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Control Solutions, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

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contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Control Solutions, Inc election, the replacement of product.

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