34704-887 06/19/2013 1/22

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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

6-19-13

Glenda Haage
GHB Consulting
46 laura Dr.
LeMars, IA 51031

Subject: Amended Reregistration Label
Product Name: Cypermethrin 25
EPA Registration Number: 34704-887

Dear Ms. Haage:

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 above referenced product in connection with the cypermethrin RED(s), 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 Any previously dated CSFs are superseded.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, 11-3-09

A copy of your label stamped "Accepted" is enclosed 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 either Erik Kraft at (703-308-9358) or via email at Kraft.Erik@epa.gov or Richard J. Gebken at (703) 305-6701 or via e-mail at *Gebken.Richard@epa.gov* .

Sincerely yours,

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

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CYPERMETHRIN 25

INSECTICIDE

For use in, on and around building and structures for the control of listed pests, including lawns and landscape uses.

For subterranean termite control, product is to be used 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 structural pest control regulatory agency of your state prior to use of this product.

ACTIVE INGREDIENT:
Cypermethrin: [1]
(±)a-cyano-(3-phenoxyphenyl)methyl(±)-*cis, trans*-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate* 25.3%
OTHER INGREDIENTS: 74.7%
TOTAL 100.0%

[1] Pyrethroid Insecticide
Contains petroleum distillates.
**Cis/trans* ratio: Min. 45% (±) *cis* and max. 55% (±) *trans*
Cypermethrin 25 insecticide contains 2 lbs active ingredient per gal, formulated as an emulsifiable concentrate.

KEEP OUT OF REACH OF CHILDREN
WARNING—AVISO

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.)

See additional precautionary statements and directions for use inside booklet.

EPA REG. NO. 34704-887 **EPA EST. NO. 34704-MS-001**
NET CONTENTS 1 GAL. (3.78 L) EXP 06/13 RED

ACCEPTED
6-19-17
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 34704-887

FIRST AID

If swallowed:	• Immediately call a poison control center or doctor. • Do not induce vomiting unless told to do so by the 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:	•Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
If inhaled:	• Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
If in eyes:	• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.

Note to Physician: Contains petroleum distillate – vomiting may cause aspiration pneumonia.
Have the product container or label with you when calling a poison control center or doctor or going for treatment.
FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-944-8565.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING/AVISO

May be fatal if swallowed. Causes skin irritation. Do not get on skin, in eyes, or on clothing. Harmful if absorbed through skin. Harmful if inhaled. Avoid breathing vapor or spray mists. Causes moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Personal Protective Equipment (PPE)
Mixers, loaders, applicators and other handlers must wear:
Mixers, loaders, applicators and other handlers must wear:
Coveralls worn over short-sleeved shirt and short pants,
Chemical-resistant footwear plus socks,
Chemical-resistant gloves made of barrier laminate, butyl rubber, nitrile rubber or viton, and
Chemical-resistant apron when mixing, loading or cleaning equipment

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.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should 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 Precontruction 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 plant 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.

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.

RESTRICTIONS

For best results, thoroughly wash out sprayer and screen with water and detergent and before using this insecticide.

INDOOR USE RESTRICTIONS

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

During indoor surface application, do not allow dripping or run-off to occur. During any application to overhead interior areas of structure cover surface below with plastic shielding or similar material.

Do not apply this product in any rooms 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 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.

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, and 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 agriculture 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.

Do not apply to pests. 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.

OUTDOOR USE RESTRICTIONS

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

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

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 treatments or crack-and-crevice applications only.

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

Applications around Swimming Pools

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.

Application in and on Boats

Do not apply to boat surfaces which contact water. Broadcast applications to exterior surfaces of boats are prohibited. Spot treatments may be made to exterior surfaces that do not contact water.

Use inside boats, ships, and other vessels is permitted. Do not allow product to drain or wash off into water bodies or other aquatic habitat.

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 such as Demand® CS be used.

TERMITE CONTROL

Cypermethrin 25 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 subterranean 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.

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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 or 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.

TERMINTE CONTROL-USE RESTRICTIONS

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. People present or residing in the structure during application must be advised to remove their pests 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 the contaminated area until the clean-up is completed.

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

Donot teat soil that is water-saturareted or frozen

Do not make applications during rain.

Do not allow treatment to run off from the target area.

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

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 natural 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.

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

USE DIRECTIONS
Whenever possible, make termite control applications near the structure foundation using soil injections.

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

Consult State and local specifications for recommended distance of treatment areas from wells, or if such regulations do not exist, refer to Federal Housing Administration Specifications for guidance.

MIXING DIRECTIONS

Mix the termiticide in the following manner:

- Fill tank 1/4 to 1/3 full with water.
- Start pump to begin by-pass agitation and place end of treating tool in tank to allow circulation through hose.
- Add appropriate amount of Cypermethrin 25 insecticide.
- Add remaining amount of water.
- Let pump run and allow recirculation through the hose for 2 to 3 minutes.

USE DILUTIONS

Emulsion Concentration (% active)	Tank Size							
	1.0 Gals		**25.0 Gals**		**50.0 Gals**		**100.0 Gals**	
	Cypermethrin 25	Water	Cypermethrin 25	Water	Cypermethrin 25	Water	Cypermethrin 25	Water
0.25	1.3 ozs	126.7 ozs	32.0 ozs	24.8 gals	0.5 gal	49.5 gals	1.0 gal	99.0 gals
0.5	2.6 ozs	125.4 ozs	64.0 ozs	24.5 gals	1.0 gal	49.0 gals	2.0 gals	98.0 gals
1.0	5.1 ozs	122.0 ozs	128.0 ozs	24.0 gals	2.0 gals	48.0 gals	4.0 gals	96.0 gals

Common units of measure
1 pint = 16 fluid ounces (oz)
1 gallon = 4 quarts = 8 pints = 128 fluid ounces (oz)

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. If soil will not accept the labeled application volume, 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. See Volume Adjustment Chart for specific information.

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.

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)**		
Horizonal	**0.25%**	**0.5%**	**1.0%**
(gallons emulsion/10 sq. ft.)	**1 gal.**	**0.5 – 1 gal.**	**0.25 – 0.5* gal.**
Vertical			
(gallons emulsion/10 lin. ft.)	**4 gal.**	**2 - 4 gal.**	**1 - 2* gal.**

*Not recommended for subslab injection.

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PRECONSTRUCTION SUBTERRANEAN TERMITE TREATMENT

Effective preconstruction 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.

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

The applicator must either cover the soil him/herself or provide written notification of the above requirements 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.

To meet FHA 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 psi at the nozzle).

Apply the emulsion at the rate of 1.0 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 as 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 4.0 gallons per 10 linier feet per foot of depth. For example, a footing 3 feet deep would require 12.0 gallons of emulsion per 10 linier 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 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 psi 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 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 gal/10 lin ft. Apply the emulsion so it will reach the footing.

HOLLOW MASONRY UNITS OF THE FOUNDATION
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 2.0 gallons of emulsion per 10 linier feet of footing using a nozzle pressure of less than 25 psi. 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 areas of the structure until the clean up is completed.
Not for use in voids insulated with rigid foam.

CRAWL SPACES
For craw spaces apply at the rate of 4.0 gallons of emulsion per 10 linier 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.

POST-CONSTRUCTION TREATMENTS

Post-construction applications may be made by subslab injection, trenching and rodding into the trench or trenching using low-pressure spray not exceeding 25 psi at the nozzle.

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For applications made after the final grade is 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 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 to exceed 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.

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 with an impervious, non-cellulose material.

SLAB-ON-GRADE
Apply the emulsion at the rate of 4.0 gallons per 10 linier 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 2.0 gallons per 10 linier feet per foot. As the soil is being replaced into the trench, apply another 2.0 gallons per 10 linier 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 the 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 linier feet of footing using a nozzle pressure of less than 25 psi. When using this treatment, access holes must be drilled below the sill plate and should be as close as possible to the footing as 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 the application leakage in the treated areas. Some areas may not be treatable or may require mechanical alteration prior to treatment.

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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 cleanup 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 4.0 gallons per 10 linier feet per foot of depth from the grade to the top of the footing. For example a footing of 3 feet deep would requite a 12.0 gallons of emulsion per 10 linier 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 psi) 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.

ACCESSIBLE CRAWL SPACES
For crawl spaces, apply vertical termiticide barriers at the rate of 4.0 gallons of emulsion per 10 linier 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 this label if situations are encountered where the soil will not accept 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, 1.0 gallon of emulsion per 10 square feet overall using a nozzle pressure of less than 25 psi 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 powerspray 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 1.0 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.

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% dilution 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 (from boards) or cellular debris, treat the soil by rodding and/or drenching with 0.5% emulsion of this product.

TERMITE RETREATMENT

Retreatment for subterranean termites can only be performed if there is clear evidence of reinfestation 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 reinfested areas 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.

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:

- 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. 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:
- Trench and remove soil to be treated onto heavy plastic sheeting or similar material or into a wheelbarrow.
- Treat the soil at the rate of 4.0 gallons of dilute emulsion per 10 linier feet per foot of depth of the trench, or 1.0 gallon per 1 cubic foot 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.
- After the treated soil has absorbed the diluted emulsion, replace the soil into the trench.

- 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 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.

- 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 foot of grade.
- 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 the treatment.
- When appropriate (e.g. on the water side of the structure), the treated backfill technique (described above) can also be used to minimize off-site movement of termiticide.

FOAM APPLICATIONS

Cypermethrin 25 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 Cypermethrin 25 insecticide.

Applications Under Slabs or to Soil in Crawl Spaces

- Applications should be made using Cypermethrin 25 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 Cypermethrin 25 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 (e.g. 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 0.25 to 0.5% emulsion. Treat on all sides to create a continuous barrier around posts and poles.

Use 1.0 gallon of emulsion per foot of depth for poles and posts less than 6 inches in diameter. For larger poles, use 1-1/2 gallons of emulsion per foot of depth. For larger constructions, use 4.0 gallons per 10 linier 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.

UNDERGROUND SERVICES

Soil treatment around underground services may be made using a 0.25% to 0.5% Cypermethrin 25 emulsion to prevent attack by termites and ants.

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.

Apply 2.0 to 4.0 gallons of emulsion per 10 linier 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 2.0 to 4.0 gallons per 10 linier foot 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 conditions 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 2.0 gallons per 10 linier 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 1.0 to 2.0 gallons of emulsion into the soil.

Precaution: Do not treat electrically-active underground services.

TREATMENT OF WOOD IN PLACE FOR CONTROL OF TERMITES, CARPENTER ANTS, 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. When used for termites, coarse fan spray or injection may be used. 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 1.0 gallon of diluted spray per 1000 square feet of surface area.

CONTROL OF WOOD INFESTING BEETLES

To control wood infesting insects such as powder post beetle (*Lyctidae*), false powder post 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% Cypermethrin 25 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% to 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% to 0.25% emulsion to control subterranean termites in mud tubes or to kill winged forms of drywood termites. This type of application is not intended to be a substitute for soil treatment of subterranean termites. Make treatments at a rate of 1.0 gallon of the emulsion per 1000 square feet of surface area.

For termites active inside trees, utility poles and/or fence posts, 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% to 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 retreatment 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 cover the area thoroughly, but not to the point of runoff. Do not exceed 1.0 gallon of dilute per 1000 square feet of treated surface.

For carpenter ants active inside trees, utility poles and/or fence posts, drill to find the interior infested cavity and inject 0.25% emulsion, for protection up to 1 week, using a treatment tool with 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% to 0.50% emulsion at 1.0 gallon per 10 square feet to prevent carpenter ant infestation.

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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 for 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, powderpost, old house borers, and others), totally treat wood with a 0.25% to 0.5% solution of Cypermethrin 25 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 Cypermethrin 25 insecticide is maintained. Wood can be handled after treatment when dry.

- For dip treatments, the wood should be totally submersed in the solution until thoroughly wet and then allowed to dry in a suitable location. Dipping solutions to which Cypermethrin 25 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.
- For pressure treatments, the wood should be placed in the treatment chamber, the Cypermethrin 25 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 is drained, the wood should be placed in a suitable location for drying.
- For spray treatments, the wood should be sprayed thoroughly, including back and ends.
- For brush treatments, all parts of wood surfaces should be thoroughly treated.

*Not approved for use in California

PEST CONTROL IN AND AROUND STRUCTURES

For residual pest control in and on buildings and structures and their immediate surroundings and on modes of transport. Permitted areas of use include but are not limited to

- Industrial buildings, houses, apartment buildings, laboratories, buses, greenhouses
- The nonfood-feed areas of stores warehouses, schools, nursing homes, hospitals, (non-patient areas), restaurants, hotels, and food, manufacturing, processing and servicing establishments, vessels (ships, boats), railcars, trucks, trailers, aircraft (cargo and non-cabin areas only).

Do not use in commercial greenhouses or nurseries. Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. Do not use on food or feed crops.

Cypermethrin 25 Insecticide is intended for dilution with water for spray application.

Fill sprayer with the desired volume of water ran add Cypermethrin 25. Close and shake before use in order to insure proper mixing. Shake or re-agitate sprayer before us if spraying is interrupted. Make up only as required, repeat treatments when needed.

KEEP CHILDREN AND PETS OFF TREATED SURFACES UNTIL DRY

PEST CONTROL IN AND AROUND STRUCTURES - APPLICATION PROCEDURES

PESTS	Concentration Of Active Ingredient	Dilution Rate
Ants Asian Cockroaches Boxelder Bugs Carpenter Ants Carpenter Bees Centipedes Chiggers [b,c] Cockroaches (Maintenance) Crickets Earwigs Elm Leaf Beetle[c] Firebrats Fleas[b] Flies[a] Ground Beetles Millipedes Mosquitoes[b] Pillbugs Silverfish Sowbugs	0.1%	½ fl oz (1 TBSP) per 1 gal water
Bees Cockroaches (clean-out) Scorpions Spiders Ticks Wasps Wood Infesting Beetles	0.2%	1 fl oz (2 TBSP) per 1 gal water

[a] Not for indoor use in California
[b] Outdoor use only
[c] Not approved for use in California

INDOOR USE

For crack-and-crevice and/or spot application for residual and contact control of ants, carpenter ants, cockroaches, crickets, spiders, and certain other insect pests.

Cockroaches, Spiders, Crickets, Scorpions, Silverfish, Ticks and Firebrats

Apply as a crack and crevice or spot application to areas where these pests hide such as baseboards, corners, storage areas, closets, around water pipes, doors and windows, attics, and eaves, behind and under refrigerators, cabinets, sinks, furnaces and stoves, the underside of shelves, drawers and similar areas. Also see **Outdoor Surfaces and Around Buildings**.

Ants

Apply to any trails around doors and windows and similar areas where ants (including carpenter ants) may be found. Refer to barrier treatment directions to prevent infestations. Also see **Outdoor Surfaces and Around Buildings**.

Wasps and Bees

Application to nests should be made late in evening when insects are at rest. Thoroughly spray nest and entrance and surrounding areas where insects alight, also see **Outdoor Surfaces and Around Buildings**.

Boxelder Bugs, Sowbugs, Pillbugs, Millipedes, Elm Leaf Beetle and Centipedes

Apply around doors and windows and similar areas where these pests may be found or where they may enter premises. Spray baseboards, storage areas and other locations. Refer to barrier treatment directions to prevent infestation. Also see **Outdoor Surfaces and Around Buildings**.

Flies

Apply directly to walls, ceilings, window screens, and other fly resting areas as a residual surface treatment. May be used inside residential buildings as well as in and around carports, garages, and storage shed. **Also see Outdoor Surfaces and Around Buildings.**

Scorpions

Treat and remove accumulations of lumber, firewood, and other materials which serve as harborage sites. Apply as a coarse spray thoroughly but not to the point of drip. Also see **Outdoor Surfaces and Around Buildings**.

FOOD-HANDLING ESTABLISHMENTS

(Places other than private residence in which food is held, processed, prepared or served.)

Non-food Areas

Cypermethrin 25 Insecticide may be used as a general, spot or crack-and-crevice treatment in non-food areas. Similar areas where insects hide or through which insects may enter should be treated.

Examples of non-food areas include 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).

Food Areas

Cypermethrin 25 Insecticide is not labeled for us in food areas. 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 and 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.

OUTDOOR USE

Under Slabs

Infestations of anthropods, such as ants, cockroaches and scorpions inhabiting under slab areas may be controlled by drilling and injecting or horizontal rodding and injecting, 1 gal. of 0.25%-0.5% emulsion/10

sq. ft. or 2 gal. of emulsion/10 lin. ft. 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.

In Crawl Spaces
Broadcast Cypermethrin 25 Insecticide at 0.25% to 0.5% emulsion to all surfaces in crawl spaces to control ants, fleas, cockroaches, scorpions, or other anthropods. 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 point of runoff.

Outdoor Surfaces and Around Buildings

Apply Cypermethrin 25 Insecticide as 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. Application may be made to soil, trunks of woody ornamentals or other areas where pests congregate or have been seen. Base need for retreatment upon monitoring for pest presence. See **DIRECTIONS FOR USE – Caution on application to vinyl siding**.

Barrier Treatment for Pests Around Structures
Apply Cypermethrin 25 Insecticide as a 0.1% emulsion 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 2.0 to 10.0 gallons per 1000 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. See **DIRECTIONS FOR USE – Caution on application to vinyl siding.**

LAWN AND LANDSCAPE PEST CONTROL

Pest	Specific Instructions
Chinch Bugs[1] Mole Crickets[1] Fleas Ticks	For residential lawns, apply Cypermethrin 25 Insecticide at the rate of 0.33 to 0.65 fl oz/1000 sq ft in a volume of water sufficient for uniform coverage such as 3.0 to 20.0 gals. 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 [1] Fire Ants[1]	Drench method (Ant Mounds, Fire Ants): Apply 1.0 to 2.0 gals of 0.1% Cypermethrin 25 Insecticide emulsion to each mound area by sprinkling the mound until it is wet and treat a 2 ft diameter circle around the mound. Use the higher volume and wider treatment diameter (up to 4 ft) 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 Elm Leaf Beetles Gypsy Moths (adults	To control Boxelder Bugs, Elm Leaf Beetles, Gypsy Moth Caterpillars, apply Cypermethrin 25 Insecticide a a 0.1% emulsion. 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,

& caterpillars) [1]	spray the bark, thoroughly, but not to the point of runoff using a 0.1% Cypermethrin 25 emulsion.

[1] Not approved for use in California

LAWN APPLICATION DILUTION TABLE: Cypermethrin 25 rate (ozs) for 100 gals according to volume of application.

Example: For a Chinch bug application at the rate of 0.65 oz/1000 ft ^{2}, using 5.0 gals of solution/1000 sq ft of lawn, use 13 ozs of Cypermethrin 25 in a 100 gal tank. (1.0 fl oz equals 30 ml.).

Amount of Cypermethrin 25

Volume per 1000 ft ^{2}	0.33 oz/1000 ft ^{2}	0.5 oz/1000 ft ^{2}	0.65 oz/1000 ft ^{2}
5.0 gals	6.5 ozs	10.0 ozs	13.0 ozs
8.0 gals	4.0 ozs	6.5 ozs	8.0 ozs
10.0 gals	3.5 ozs	5.0 ozs	6.5 ozs
15.0 gals	2.0 ozs	3.5 ozs	4.5 ozs
20.0 gals	1.5 ozs	2.5 ozs	3.5 ozs

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty storage container.

PESTICIDE STORAGE: Keep container closed when not in use. Do not store near food or feed. Protect from freezing. In case of spill or leak on floor or paved surfaces, soak up with sand, earth or synthetic absorbent. Remove to chemical waste area.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate 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 HANDLING [LESS THAN 5 GALLONS]

Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use and disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

CONTAINER HANDLING [GREATER THAN 5 GALLONS]

Non-refillable container: Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follow: Empty the remaining contents into the application equipment or mix tank. Fill the container ¼ 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 the applications equipment or a mix tank and store rinsate for later use and disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

CONTAINER IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER.

For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC – 1-800-424-9300.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

BEFORE BUYING OR USING THIS PRODUCT, read the entire Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary in any way.

Follow the Directions for Use of this product carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop or other plant injury, ineffectiveness, or other unintended consequences may result from such risks as weather or crop conditions, mixture with other chemicals not specifically identified in this product's label, or use of this product contrary to the label instructions, all of which are beyond the control of LOVELAND PRODUCTS, INC. and the seller. The buyer or user of this product assumes all such inherent risks.

Subject to the foregoing inherent risks, LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use when the product is used in strict accordance with such Directions for Use under normal conditions of use. EXCEPT AS WARRANTED IN THIS LABEL AND TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THIS PRODUCT IS SOLD "AS IS," AND LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ELIGIBILITY OF THIS PRODUCT FOR ANY PARTICULAR TRADE USAGE.

IN THE UNLIKELY EVENT THAT BUYER OR USER BELIEVES THAT LOVELAND PRODUCTS, INC. HAS BREACHED A WARRANTY CONTAINED IN THIS LABEL AND TO THE EXTENT REQUIRED BY APPLICABLE LAW, BUYER OR USER MUST SEND WRITTEN NOTICE OF ITS CLAIM TO THE FOLLOWING ADDRESS: LOVELAND PRODUCTS, INC., ATTENTION: LAW DEPARTMENT, P.O. BOX 1286, GREELEY,CO 80632-1286.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT, INCLUDING, BUT NOT LIMITED TO, CLAIMS OF BREACH OF WARRANTY OR CONTRACT, NEGLIGENCE, STRICT LIABILITY, OR OTHER TORTS, SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, LOVELAND PRODUCTS, INC. AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

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