

1021-1853

2/8/2012

1 of 10



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

FEB 8 2012

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Mr. Steven K. Ditto
McLaughlin Gormley King Company
8810 Tenth Avenue North
Minneapolis, MN 55427

**Subject: Amended Reregistration Label Evercide 2.5% Waterproofer
EC (27784) D413903
EPA Registration No. 1021-1853**

Dear Mr. Ditto:

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 **Permethrin RED**, and has concluded that your submission is acceptable.

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

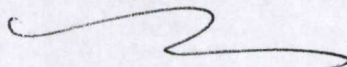
PLEASE NOTE: That the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSF's are superseded.


- Basic CSF, dated: January 3, 2011

A copy of your label stamped Acceptable 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 Linda A. DeLuise at (703) 305-5428 or via e-mail at deluise.linda@epa.gov or Mr. Richard J. Gebken at (703) 305-6701 or via e-mail at Gebken.Richard@epa.gov .

Sincerely yours,



 Richard Gebken
Product Manager 10
Insecticide Branch
Registration Division (7505P)

Enclosures: Label stamped Accepted dated: February 8, 2012

30f14

EVERCIDE® 2.5% WaterProofer EC (27784)

[RESIDENTIAL USE SECTION]

[] Denotes alternate language

For use outdoors and in homes and kennels, farms, ranches, dairies, poultry houses, stables, cattle barns, horse barns, and swine houses.

New sweat resistant and rain resistant formula.
 Water resistant formula.
 Waterproof formula – resists runoff from sweat or rain.
 Protects horses and ponies from stable flies, face flies, deer flies, house flies, hornflies, horse flies, mosquitoes, and gnats.
 A quick knock down livestock and premise spray that provides broad spectrum insecticidal effectiveness and residual activity for up to 28 days.
 Controls [Kills] Listed Pests for up to 4 Weeks
 Kills on Contact and Keeps Killing for up to 4 Weeks

Water Based Formula
 Aids in Reducing Annoyance from Mosquitoes and Other Flying Insects
 Kills Gnats, Fleas, Deer Ticks, Brown Dog Ticks and other Crawling insects
 Repels Crawling Insects from your Home Recreation Areas [Controls over 50 common insect pests]
 [Controls nuisance pests: ants, spiders, fleas, ticks, crickets & earwigs]
 [One quart makes up to 25 gallons of spray.]
 [Makes up to 25 gallons.]

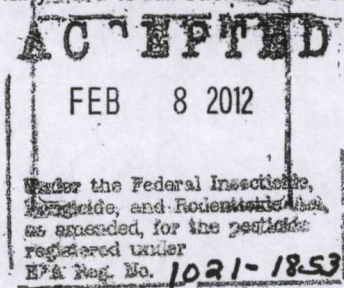
Contains Permethrin, a long lasting insecticide that provides contact and residual control of many hard-to-kill sucking and chewing insects for up to 4 weeks.

ACTIVE INGREDIENT:

* Permethrin [* (3-phenoxyphenyl)methyl(±)-cis,trans-3-(2,2-dichloroethyl)-2,2-dimethylcyclopropanecarboxylate]..... 2.50%

OTHER INGREDIENTS..... 97.50%
 100.00%

* Cis,trans ratio: Min. 35% (±) cis and max 65% (±) trans
 EVERCIDE® - Registered trademark of McLaughlin Gormley King Company



KEEP OUT OF REACH OF CHILDREN
CAUTION

FIRST AID	
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
IF SWALLOWED:	<ul style="list-style-type: none"> Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person Do not give anything by mouth to an unconscious person.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information regarding medical emergencies or pesticide incidents, call 1-888-740-8712.	

NET CONTENTS _____
 Manufactured by:



8810 Tenth Avenue North
 Minneapolis, MN 55427

EPA Reg. No. 1021-1853

EPA Est. No. 1021-MN-2

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to aquatic organisms, including fish and invertebrates. To protect the environment, do not allow pesticide to enter or to 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.

PHYSICAL OR CHEMICAL HAZARDS

Do not apply this product around electrical equipment due to possible shock hazard.

[This insecticide concentrate , when diluted can be used on horse & ponies as a trigger spay and will provide control for up to 4 weeks. Kills stable flies, horse flies, deerflies, face flies, horn flies, mosquitoes and gnats.]

DIRECTIONS FOR USE

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

SHAKE WELL BEFORE USE. READ ENTIRE LABEL BEFORE EACH USE.

GENERAL PRECAUTIONS AND RESTRICTIONS:

FOR PET USE, USE ONLY ON HORSES, DOGS, AND PONIES.

Do not apply this product in a way that will contact children, either directly or through drift. Except when applying to horses, ponies or dogs, do not allow adults or pets to enter until sprays have dried.

Do not apply this product in a way that will contact children, either directly or through drift. Except when applying to horses, ponies or dogs, do not apply this product in a way that will contact adults or pets, either directly or through drift.

Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.

All outdoor applications must be limited to spot or 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. Applications 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 water the treated area to the point of run-off.

Do not make applications during rain.

Not for broadcast use on indoor residential surfaces.

Not for use in outdoor residential misting systems.

THIS PRODUCT MUST BE DILUTED PRIOR TO USE. To prepare dilutions, add the required amount of concentrate to water and blend thoroughly. Keep container sealed when not in use. Protect from freezing.

Dilution rates on this label will yield the following ready-to-use spray mixes:

RATE	OZ. CONC./GAL.	PERMETHRIN CONCENTRATION
1:5	25.6	0.50%
1:10	12.8	0.25%
4:100	5.12	0.10%
3:128	3.00	0.060%
2:100	2.56	0.050%
2:128	2.00	0.040%
1.5:128	1.50	0.030%
1:100	1.28	0.025%
1:128	1.00	0.020%

This product kills and helps reduce annoying and troublesome outdoor insects. People and pets should not be allowed in treated areas until spray has dried.

This product can be applied using a hose-end sprayer, pump up pressure sprayer or by watering can. Carefully dilute the recommended amount of concentrate and water according to the directions found under the desired insect to control. Use a clean sprayer. Apply insecticide when insects first appear and repeat not more frequently than every 3 days. Flush sprayer or watering can with clean water after each use.

FOR USE WITH HOSE-END SPRAYER: The hose end sprayer cap is calibrated to deliver the correct dilution rate. No mixing - no measuring - no mess. Screw hose into back of sprayer cap. Remove bottle cap (save for storage after use). Secure sprayer cap by turning bottle counter-clockwise. Turn on water supply. TO START FLOW OF INSECTICIDE, place index finger over hole on right side of sprayer cap. Spray evenly and completely over infested areas.

Hold about 3 feet above surface, moving at a steady pace to insure consistent, thorough coverage. When treatment is complete, or you wish TO STOP FLOW OF INSECTICIDE for any reason, simply remove finger from hole to break siphon action. TO STORE REMAINING INSECTICIDE, turn off water supply and remove bottle from sprayer unit and hose by turning bottle clockwise. Replace cap on bottle and tighten securely. Unscrew hose from sprayer unit and rinse unit in clean water. Store in cool place.

USE IN AND AROUND STRUCTURES:

AS A SURFACE SPRAY TO CONTROL: Cockroaches, Waterbugs, Palmetto Bugs, Ants, Silverfish, Firebrats, Spiders, Crickets, Millipedes, Centipedes, Sowbugs, Pillbugs, Clover Mites, Cheese Mites, Granary Weevils, Rice Weevils, Confused Flour Beetles, Rust Red Flour Beetles, Saw-toothed Grain Beetles, Spider Beetles, Cigarette Beetles, Drug Store Beetles, Darkling Beetles, Mealworms, Grain Mites and Cadelles:

For initial clean up of severe insect infestation, dilute at a rate of 4 parts concentrate in 100 parts water (5.12 fluid ounces per gallon)(32 teaspoons per gallon) (0.10%).

For normal infestations, dilute 2 parts concentrate in 100 parts water (2.56 ounces per gallon) (0.050%).

For maintenance use, dilute 1 part concentrate in 100 parts water (1.28 ounce per gallon) (4 teaspoonfuls per gallon) (0.025%).

Use a good sprayer and adjust to deliver a coarse wet spray. Direct the spray into hiding places, cracks and crevices, under pallets, around containers of stored foods, around the base of machinery and behind shelves and drawers. Spray bookcases for Silverfish. Spray Ant trails, nests and points of entry. If surface application only is to be used, spray floors, walls and other surfaces applying at a rate of 1 gallon to 750 square feet of surface.

TO CONTROL Carpet Beetles: Using the dilution rates listed above, spray edges of carpeting and under carpeting and rugs. Make localized application to floor and baseboards. Spray directly into cracks, closets and infested areas of shelving.

TO CONTROL Bedbugs: Using the dilution rates listed above, spray mattresses lightly, particularly around tufts and seams. Take beds apart and spray in all joints. Treat baseboards, moldings and floors. Allow all treated articles to thoroughly dry before use.

TO CONTROL Fleas and Ticks (adult and larvae): Using the dilution rates listed above, thoroughly spray infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames and localized areas of floor and floor covering. Place fresh bedding in animal quarters following treatment.

OUTDOOR USE AREAS:

- CORRALS
- PLAYGROUNDS
- RECREATIONAL AREAS
- FARMS
- GARDENS
- HOMES
- URBAN AREAS

For initial clean up of severe insect infestation, dilute at a rate of 4 parts concentrate in 100 parts water (5.12 fluid ounces per gallon)(32 teaspoons per gallon) (0.10%).

For normal infestations, dilute 2 parts concentrate in 100 parts water (2.56 ounces per gallon) (16 teaspoonfuls per gallon) (0.050%).

For maintenance use, dilute 1 part concentrate in 100 parts water (1.28 ounces per gallon) (8 teaspoonfuls per gallon) (0.025%).

Do not allow spray treatment to drift on pastureland, cropland, poultry ranges or water supplies. Do not use on crops used for food, forage or pasture. Under no condition should open water be treated with this product. Not for use within 100 feet (30 meters) of lakes and streams.

TREATMENT OF FLYING INSECTS

TO AID IN CONTROL OF Mosquitoes, Wasps, Gnats and Skippers: Treat walls, ceilings, moldings, screens, door frames, window frames, beams, light cords and similar resting places.

FOR TEMPORARY REDUCTION OF ANNOYANCE FLIES, GNATS AND MOSQUITOES

In drive-in restaurants, drive-in theaters, golf courses, urban areas, parks, playgrounds, and other recreational areas: Dilute 1 part concentrate in 40 parts water (3.2 fluid ounces per gallon of water) (0.25%). Direct the spray into tall grass, shrubbery and around lawns where these pests may hover or rest. Apply while the air is still and avoid wetting foliage. Perform application prior to occupancy.

In the treatment of corrals, cover any exposed water, drinking fountains, and animal feed before application. Fill the area with mist and direct the spray into tall grass and shrubbery and around lawns where the above pests may hover or rest. Apply while the air is still and avoid wetting foliage.

ANIMALS AND ANIMAL PREMISE USE AREAS:

- CATTLE BARNS
- DAIRIES
- POULTRY HOUSES
- PARLORS
- SWINE HOUSES
- HORSE BARNS
- MILK ROOMS
- KENNELS
- MILKING

To prepare dilutions add required amount of concentrate to water and blend thoroughly

Dilution rates	Rate Concentrate / water	O R	Oz. Concentrate per Gallon of water	O R	Teaspoons per Gallon of Water	Permethrin Concentration
Maintenance Use	1 part concentrate in 100 parts water		1.28 ounces per gallon of water		8 teaspoons per gallon of water	0.025%
Normal Infestations	2 parts concentrate		2.56 ounces per gallon of		16 teaspoons	0.050%

	in 100 parts water		water		per gallon of water	
Severe Infestations	4 parts concentrate in 100 parts water		5.12 ounces per gallon of water		32 teaspoons per gallon of water	0.100%

For clean up of severe insect infestation, dilute at a rate of 4 parts concentrate in 100 parts water (5.12 ounces per gallon) (32 teaspoonfuls per gallon) (0.10%).

For normal infestations, dilute 2 parts concentrate in 100 parts water (2.56 ounces per gallon) (16 teaspoonfuls per gallon) (0.050%).

For maintenance use, dilute 1 part concentrate in 100 parts water (1.28 ounce per gallon) (8 teaspoonfuls per gallon) (0.025%)

FOR USE ON DAIRY AND BEEF CATTLE, SHEEP, GOATS, SWINE, HORSES, AND POULTRY:

FOR HORSES: Do not apply on foals under 3 months of age.

FOR DAIRY CATTLE: Spray lactating dairy cows only after milking is complete.

FOR SWINE: Do not ship animals for slaughter within 5 days of last treatment.

TO CONTROL Horn Flies, Houseflies, Mosquitoes, and Gnats: Apply as a wipe or spray to wet the hair thoroughly, with particular attention to topline, underline, flanks, withers, and other infested areas. Repeat treatment at intervals of 5 to 12 days for small insect populations or as needed when flies are emerging in large numbers.

TO CONTROL Stable Flies, Horse Flies and Deer Flies: Apply a quart per adult animal as a wipe or spray to wet the hair thoroughly with particular attention to the legs, flanks, barrel, topline and other body areas commonly attacked by those flies.

TO CONTROL Face Flies: Avoid contact with eyes. Apply as a wipe or by using a spray that produces large wetting droplets. Apply to the face of the animal in the morning before releasing to pasture. Apply sufficiently to wet the face, but not more than 1 1/2 ounces per animal.

TO CONTROL Poultry Lice: Spray roosts, walls and nests or cages thoroughly, followed by spraying over the birds with a fine mist.

TO CONTROL Bedbugs and Mites (including Northern Fowl Mite) in Poultry Houses: Spray crevices of roost poles, cracks in walls and cracks in nests where the bedbugs and mites hide, and pay particular attention to vents. Spray birds with a fine mist. Use at the rate of 1 gallon of spray per 100 birds.

TO CONTROL Sheep "Tick" or Ked: Thoroughly wet all portions of the body by dipping or spraying with sufficient pressure and with a nozzle adjustment to give penetration of the wool. Treat at a rate sufficient to wet the animal.

TO CONTROL Fleas, Ticks, Lice, and Mange Mites (adults and larvae) on Dogs, Horses, and Livestock: Thoroughly wet the animal by dipping, sponging, or spraying. Allow animal to dry in a warm place without rinsing or toweling. Gives long-lasting protection against reinfestation. Repeat applications at intervals of 2 to 3 weeks. **DO NOT TREAT PUPPIES LESS THAN TWELVE WEEKS OLD.**

Sensitivities may occur after using ANY pesticide product for pets. If signs of sensitivity occur bathe your pet with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately.

Consult a veterinarian before using this product on debilitated, aged, medicated, pregnant, or nursing animals.

TO CONTROL Fleas, Flies, Ticks, Lice, and Mange Mites (adults and larvae) in kennels, doghouses, runs and yards: Thoroughly wet pest breeding or resting area to runoff. Most efficient pest control is accomplished when heavy pressure and good contact is achieved. Base timing and frequency of application on pest populations reaching nuisance levels, however manure removal and sanitation practices should precede sprays. Do not spray feed, food or water. Repeat as needed, but not more often than once every 2 weeks.

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IN CATTLE BARNs, HORSE BARNs, SWINE HOUSES, KENNELS, MILKING PARLORS, MILK ROOMS, DAIRIES AND POULTRY HOUSES:

TO CONTROL Flies, Mosquitoes, Meal Worms, Darkling Beetles and Gnats:

For initial clean up of severe insect infestation, dilute at a rate of 4 parts concentrate in 100 parts water (5.12 ounces per gallon) (32 teaspoonfuls per gallon) (0.10%).

For normal infestations, dilute 2 parts concentrate in 100 parts water (2.56 ounces per gallon) (16 teaspoonfuls per gallon) (0.050%).

For maintenance use, dilute 1 part concentrate in 100 parts water (1.28 ounces per gallon) (8 teaspoonfuls per gallon) (0.025%).

Apply as a fog or fine mist, directing the spray toward the ceiling and upper corners until the area is filled with mist. Use about 2 ounces per 1,000 cubic feet of space. For best results, close doors and windows before spraying and keep closed for 10 to 15 minutes. Vacate the treated area and ventilate before reoccupying.

Barrier Spray For Nuisance Pests: Such as Ants, Clover mites, Cluster flies, Crickets, Earwigs, Fleas, Flying moths, Gnats, House flies, Millipedes, Mosquitoes, Sowbugs (pillbugs), Spiders, Tent caterpillars, Ticks (Brown dog, Deer, Lone star).

GENERAL DIRECTIONS:

Use 6.4 fl. oz. In 1 quart of water (0.5%), treating 400 linear feet with a 6-inch spray band.

Outside Surfaces of Buildings:

Pests: Ants, Clover mites, Crickets, Earwigs, Millipedes, Sowbugs (pillbugs).

How to Use: To help prevent infestation of buildings, treat the building foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Also, apply as a residual spray to outside surfaces of buildings, including porches, screens, window frames, eaves, patios, picnic areas, garages, refuse piles, and other areas where these pests congregate or have been seen. To maintain effectiveness, reapply as reinfestation occurs.

Other Outside Areas:

Pests: Ants, Crickets, Earwigs, Fleas, Spiders, Ticks (Brown dog, Deer, Lone star).

How to Use: For treatment of localized infestations of these insects in areas where there are weeds, shrubs or bushy non-crop areas, spray infested areas thoroughly. For ants, thoroughly wet hills and runways. Repeat application as reinfestations occur.

Pests: Cluster flies, Flying moths, Gnats, House flies, Mosquitoes.

How to Use: For use only as an aid in reducing annoyance from these insects. Spray outside surfaces of screens, doors, window frames or wherever these insects may enter the room. Also treat surfaces around light fixtures on porches, under patio furniture, in garages and other places where these insects alight or congregate.

STORAGE AND DISPOSAL

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

Pesticide Storage

Store in a cool, dry area, preferably a locked storage area. Store above freezing. Do not store diluted spray. Store with container tightly closed. Always store pesticides in the original container. Do not transfer to food or drink container. Store away from food and pet food.

Pesticide Disposal and Container Handling

Nonrefillable container. Do not reuse or refill this container.

If empty:

Place in trash or offer for recycling if available.

If partly filled:

Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

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EVERCIDE® 2.5% WaterProofer EC (27784)

(OCCUPATIONAL USE SECTION)

[] Denotes alternate language

For use outdoors and in homes and nonfood areas of commercial buildings, institutions, warehouses, theatres, office buildings, schools, athletic fields, motels, hotels, restaurants, food/feed processing establishments, hospitals, kennels, farms, ranches, dairies, poultry houses, stables, cattle barns, horse barns, and swine houses.

New sweat resistant and rain resistant formula.
Water resistant formula.
Waterproof formula – resists runoff from sweat or rain.
Protects horses, ponies, and other livestock from stable flies, face flies, deer flies, house flies, hornflies, horse flies, mosquitoes, and gnats.
A quick knock down livestock and premise spray that provides broad spectrum insecticidal effectiveness and residual activity for up to 28 days.
Controls [Kills] Listed Pests for up to 4 Weeks
Kills on Contact and Keeps Killing for up to 4 Weeks

Water Based Formula
Aids in Reducing Annoyance from Mosquitoes and Other Flying Insects
Kills Gnats, Fleas, Deer Ticks, Brown Dog Ticks and other Crawling insects
Repels Crawling Insects from your Home Recreation Areas [Controls over 50 common insect pests]
[Controls nuisance pests: ants, spiders, fleas, ticks, crickets & earwigs]
[One quart makes up to 25 gallons of spray.]
[Makes up to 25 gallons.]

Contains Permethrin, a long lasting insecticide that provides contact and residual control of many hard-to-kill sucking and chewing insects for up to 4 weeks.

ACTIVE INGREDIENT:

* Permethrin [* (3-phenoxyphenyl)methyl(±)-cis,trans-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate].....	2.50%
OTHER INGREDIENTS.....	97.50%
	100.00%

* Cis,trans ratio: Min. 35% (±) cis and max 65% (±) trans
EVERCIDE® - Registered trademark of McLaughlin Gormley King Company

KEEP OUT OF REACH OF CHILDREN
CAUTION

FIRST AID	
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> ▪ Take off contaminated clothing. ▪ Rinse skin immediately with plenty of water for 15-20 minutes. ▪ Call a poison control center or doctor for treatment advice.

100 of 10

IF SWALLOWED:	<ul style="list-style-type: none"> ▪ Immediately call a poison control center or doctor. ▪ Do not induce vomiting unless told to do so by a poison control center or doctor. ▪ Do not give any liquid to the person ▪ Do not give anything by mouth to an unconscious person.
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Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information regarding medical emergencies or pesticide incidents, call 1-888-740-8712.

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 Manufactured by:



8810 Tenth Avenue North
 Minneapolis, MN 55427

EPA Reg. No. 1021-1853

EPA Est. No. 1021-MN-2

**PRECAUTIONARY STATEMENTS
 HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION

Harmful if absorbed through skin. Avoid contact with skin or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators using ULV cold foggers or fog/mist generators in **indoor** spaces must wear:

- Coveralls over long-sleeved shirt and long pants,
- Chemical-resistant gloves made of any waterproof material,
- Chemical-resistant footwear plus socks, and
- Chemical-resistant headgear, if overhead exposure.

Applicators using ULV cold foggers and/or fog/mist generators in **outdoor** spaces must wear:

- Long-sleeve shirt and long pants,
- Shoes plus socks, and
- Chemical-resistant gloves made of any waterproof material.

All other mixers, loaders, applicators, and other handlers must wear:

- Long-sleeve shirt and long pants,
- Shoes plus socks,
- Chemical-resistant gloves made of any waterproof material, and
- Chemical-resistant apron for mixers/loaders, persons cleaning equipment, and persons exposed to the concentrate and for handlers performing animal dip applications.

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

User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
 User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
 User 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 aquatic organisms, including fish and invertebrates. Do not apply directly to water, or to

areas where surface water is present or to intertidal areas below the mean water mark. Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash waters. This pesticide 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.

PHYSICAL OR CHEMICAL HAZARDS

Do not apply this product around electrical equipment due to possible shock hazard.

[This insecticide concentrate , when diluted can be used on horse & ponies as a trigger spay and will provide control for up to 4 weeks. Kills stable flies, horse flies, deerflies, face flies, horn flies, mosquitoes and gnats.]

DIRECTIONS FOR USE

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

SHAKE WELL BEFORE USE. READ ENTIRE LABEL BEFORE EACH USE.

GENERAL PRECAUTIONS AND RESTRICTIONS:

FOR PET USE, USE ONLY ON HORSES, DOGS, AND PONIES.

Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.

All outdoor applications must be limited to spot or 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. Applications 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.

Except when applying to horses, ponies or dogs, do not enter or allow others to enter treated area until sprays have dried.

Except when applying to horses, ponies or dogs, do not enter or allow others to enter until vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated.

Except when applying to horses, ponies or dogs, do not apply this product in a way that will contact workers or other persons, either directly or through drift.

Except when applying to horses, ponies or dogs, only protected handlers may be in the area during application.

Do not breathe dust, vapors, or spray mist.

Do not apply when food is present.

Do not use in food areas of food handling establishments, restaurants, or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared foods are served, such as dining rooms, but excluding areas where foods may be prepared or held. 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.

When used in dairy barns or facilities: Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking.

Not for broadcast use on indoor residential surfaces.

Do not use in aircraft cabins.

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

Do not make applications during rain.

Not for use in outdoor residential misting systems.

THIS PRODUCT MUST BE DILUTED PRIOR TO USE. To prepare dilutions, add the required amount of concentrate to water and blend thoroughly. Keep container sealed when not in use. Protect from freezing.

Dilution rates on this label will yield the following ready-to-use spray mixes:

RATE	OZ. CONC./GAL.	PERMETHRIN CONCENTRATION
1:5	25.6	0.50%
1:10	12.8	0.25%
4:100	5.12	0.10%
3:128	3.00	0.060%
2:100	2.56	0.050%
2:128	2.00	0.040%
1.5:128	1.50	0.030%
1:100	1.28	0.025%
1:128	1.00	0.020%

This product kills and helps reduce annoying and troublesome outdoor insects. People and pets should not be allowed in treated areas until spray has dried.

This product can be applied using a hose-end sprayer, pump up pressure sprayer or by watering can. Carefully dilute the recommended amount of concentrate and water according to the directions found under the desired insect to control. Use a clean sprayer. Apply insecticide when insects first appear and repeat not more frequently than every 3 days. Flush sprayer or watering can with clean water after each use.

FOR USE WITH HOSE-END SPRAYER: The hose end sprayer cap is calibrated to deliver the correct dilution rate. No mixing - no measuring - no mess. Screw hose into back of sprayer cap. Remove bottle cap (save for storage after use). Secure sprayer cap by turning bottle counter-clockwise. Turn on water supply. TO START FLOW OF INSECTICIDE, place index finger over hole on right side of sprayer cap. Spray evenly and completely over infested areas.

Hold about 3 feet above surface, moving at a steady pace to insure consistent, thorough coverage. When treatment is complete, or you wish TO STOP FLOW OF INSECTICIDE for any reason, simply remove finger from hole to break siphon action. TO STORE REMAINING INSECTICIDE, turn off water supply and remove bottle from sprayer unit and hose by turning bottle clockwise. Replace cap on bottle and tighten securely. Unscrew hose from sprayer unit and rinse unit in clean water. Store in cool place.

USE IN AND AROUND STRUCTURES:

AS A SURFACE SPRAY TO CONTROL: Cockroaches, Waterbugs, Palmetto Bugs, Ants, Silverfish, Firebrats, Spiders, Crickets, Millipedes, Centipedes, Sowbugs, Pillbugs, Clover Mites, Cheese Mites, Granary Weevils, Rice Weevils, Confused Flour Beetles, Rust Red Flour Beetles, Saw-toothed Grain Beetles, Spider Beetles, Cigarette Beetles, Drug Store Beetles, Darkling Beetles, Mealworms, Grain Mites and Cadelles:

For initial clean up of severe insect infestation, dilute at a rate of 4 parts concentrate in 100 parts water (5.12 fluid ounces per gallon)(32 teaspoons per gallon) (0.10%).

For normal infestations, dilute 2 parts concentrate in 100 parts water (2.56 ounces per gallon) (0.050%).

For maintenance use, dilute 1 part concentrate in 100 parts water (1.28 ounce per gallon) (4 teaspoonfuls per gallon) (0.025%).

Use a good sprayer and adjust to deliver a coarse wet spray. Direct the spray into hiding places, cracks and crevices, under pallets, around containers of stored foods, around the base of machinery and behind shelves and drawers. Spray bookcases for Silverfish. Spray Ant trails, nests and points of entry. If surface application only is to be used, spray floors, walls and other surfaces applying at a rate of 1 gallon to 750 square feet of surface.

TO CONTROL Carpet Beetles: Using the dilution rates listed above, spray edges of carpeting and under carpeting and rugs. Make localized application to floor and baseboards. Spray directly into cracks, closets and infested areas of shelving.

TO CONTROL Bedbugs: Using the dilution rates listed above, spray mattresses lightly, particularly around tufts and seams. Take beds apart and spray in all joints. Treat baseboards, moldings and floors. Allow all treated articles to thoroughly dry before use.

TO CONTROL Fleas and Ticks (adult and larvae): Using the dilution rates listed above, thoroughly spray infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames and localized areas of floor and floor covering. Place fresh bedding in animal quarters following treatment.

AS A SPACE SPRAY:

For initial clean up of severe insect infestation, dilute at a rate of 4 parts concentrate in 100 parts water (5.12 fluid ounces per gallon)(32 teaspoons per gallon) (0.10%).

For normal infestations, dilute 2 parts concentrate in 100 parts water (2.56 ounces per gallon) (16 teaspoonfuls per gallon) (0.050%).

For maintenance use, dilute 1 parts concentrate in 100 parts water (1.28 ounces per gallon) (8 teaspoonfuls per gallon) (0.025%).

Apply with mechanical or compressed air equipment (non-thermal) adjusted to deliver a fine mist. Close doors and windows and shut off ventilating systems.

For rapid control of Houseflies, Fruit Flies, Gnats, Mosquitoes, Skipper Flies, Wasps, Hornets, Bees, Black Flies, Angoumois Grain Moths, and Tobacco Moths, direct spray at an upward angle distributing it uniformly through the entire area at a rate of 1 ounce per 1,000 cubic feet of space. Keep area closed for at least 10 minutes. Vacate areas after treatment. Ventilate and sweep up dead insects before reoccupying.

For rapid kill of exposed or accessible stages of other insects named on this label: Apply using conventional mechanical or compressed air equipment (non-thermal), following directions for space spraying. Apply the above dilutions at a rate of 1 ounce per 1,000 cubic feet of space.

OUTDOOR USE AREAS:

CORRALS	FEED LOTS	GARDENS	DRIVE-IN
RESTAURANTS			
PARKS	DRIVE-IN THEATERS	ZOOS	PLAYGROUNDS
HOMES	RECREATIONAL AREAS	SWINE LOTS	URBAN AREAS
LIVESTOCK HOLDING PENS	FARMS		

For initial clean up of severe insect infestation, dilute at a rate of 4 parts concentrate in 100 parts water (5.12 fluid ounces per gallon)(32 teaspoons per gallon) (0.10%).

For normal infestations, dilute 2 parts concentrate in 100 parts water (2.56 ounces per gallon) (16 teaspoonfuls per gallon) (0.050%).

For maintenance use, dilute 1 part concentrate in 100 parts water (1.28 ounces per gallon) (8 teaspoonfuls per gallon) (0.025%).

Do not allow spray treatment to drift on pastureland, cropland, poultry ranges or water supplies. Do not use on crops used for food, forage or pasture. Under no condition should open water be treated with this product. Not for use within 100 feet (30 meters) of lakes and streams.

TREATMENT OF FLYING INSECTS

TO AID IN CONTROL OF Mosquitoes, Wasps, Gnats and Skippers: Treat walls, ceilings, moldings, screens, door frames, window frames, beams, light cords and similar resting places.

FOR TEMPORARY REDUCTION OF ANNOYANCE FLIES, GNATS AND MOSQUITOES

In drive-in restaurants, drive-in theaters, urban areas, parks, playgrounds, and other recreational areas: Dilute 1 part concentrate in 40 parts water (3.2 fluid ounces per gallon of water) (0.25%). Direct the spray into tall grass, shrubbery and around lawns where these pests may hover or rest. Apply while the air is still and avoid wetting foliage. Perform application prior to occupancy.

In the treatment of corrals, feedlots, swine lots, and zoos, cover any exposed water, drinking fountains, and animal feed before application. Fill the area with mist and direct the spray into tall grass and shrubbery and around lawns where the above pests may hover or rest. Apply while the air is still and avoid wetting foliage. In zoos, prevent exposure of reptiles to the product.

ANIMALS AND ANIMAL PREMISE USE AREAS:

CATTLE BARNS
POULTRY HOUSES
PARLORS

SWINE HOUSES
HORSE BARNS

MILK ROOMS
KENNELS

DAIRIES
MILKING

To prepare dilutions add required amount of concentrate to water and blend thoroughly

Dilution rates	Rate Concentrate / water	O R	Oz. Concentrate per Gallon of water	O R	Teaspoons per Gallon of Water	Permethrin Concentration
Maintenance Use	1 part concentrate in 100 parts water		1.28 ounces per gallon of water		8 teaspoons per gallon of water	0.025%
Normal Infestations	2 parts concentrate in 100 parts water		2.56 ounces per gallon of water		16 teaspoons per gallon of water	0.050%
Severe Infestations	4 parts concentrate in 100 parts water		5.12 ounces per gallon of water		32 teaspoons per gallon of water	0.100%

For clean up of severe insect infestation, dilute at a rate of 4 parts concentrate in 100 parts water (5.12 ounces per gallon) (32 teaspoonfuls per gallon) (0.10%).

For normal infestations, dilute 2 parts concentrate in 100 parts water (2.56 ounces per gallon) (16 teaspoonfuls per gallon) (0.050%).

For maintenance use, dilute 1 part concentrate in 100 parts water (1.28 ounce per gallon) (8 teaspoonfuls per gallon) (0.025%)

LIVESTOCK SPRAY: FOR USE ON DAIRY AND BEEF CATTLE, SHEEP, GOATS, SWINE, HORSES, AND POULTRY

FOR HORSES: Do not apply on foals under 3 months of age.

FOR DAIRY CATTLE: Spray lactating dairy cows only after milking is complete.

FOR SWINE: Do not ship animals for slaughter within 5 days of last treatment.

TO CONTROL Horn Flies, Houseflies, Mosquitoes, and Gnats: Apply as a wipe or spray to wet the hair thoroughly, with particular attention to topline, underline, flanks, withers, and other infested areas. Repeat treatment at intervals of 5 to 12 days for small insect populations or as needed when flies are emerging in large numbers.

TO CONTROL Stable Flies, Horse Flies and Deer Flies: Apply a quart per adult animal as a wipe or spray to wet the hair thoroughly with particular attention to the legs, flanks, barrel, topline and other body areas commonly attacked by those flies.

TO CONTROL Face Flies: Avoid contact with eyes. Apply as a wipe or by using a spray that produces large wetting droplets. Apply to the face of the animal in the morning before releasing to pasture. Apply sufficiently to wet the face, but not more than 1 1/2 ounces per animal.

TO CONTROL Poultry Lice: Spray roosts, walls and nests or cages thoroughly, followed by spraying over the birds with a fine mist.

TO CONTROL Bedbugs and Mites (including Northern Fowl Mite) in Poultry Houses: Spray crevices of roost poles, cracks in walls and cracks in nests where the bedbugs and mites hide, and pay particular attention to vents. Spray birds with a fine mist. Use at the rate of 1 gallon of spray per 100 birds.

TO CONTROL Sheep "Tick" or Ked: Thoroughly wet all portions of the body by dipping or spraying with sufficient pressure and with a nozzle adjustment to give penetration of the wool. Treat at a rate sufficient to wet the animal.

TO CONTROL Fleas, Ticks, Lice, and Mange Mites (adults and larvae) on Dogs, Horses, and Livestock: Thoroughly wet the animal by dipping, sponging, or spraying. Allow animal to dry in a warm place without raising or toweling. Gives long-lasting protection against reinfestation. Repeat applications at intervals of 2 to 3 weeks. **DO NOT TREAT PUPPIES LESS THAN TWELVE WEEKS OLD.**

Sensitivities may occur after using ANY pesticide product for pets. If signs of sensitivity occur bathe your pet with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately.

Consult a veterinarian before using this product on debilitated, aged, medicated, pregnant, or nursing animals.

TO CONTROL Fleas, Flies, Ticks, Lice, and Mange Mites (adults and larvae) in kennels, doghouses, runs and yards: Thoroughly wet pest breeding or resting area to runoff. Most efficient pest control is accomplished when heavy pressure and good contact is achieved. Base timing and frequency of application on pest populations reaching nuisance levels, however manure removal and sanitation practices should precede sprays. Do not spray feed, food or water. Repeat as needed, but not more often than once every 2 weeks.

IN CATTLE BARN, HORSE BARN, SWINE HOUSES, KENNELS, MILKING PARLORS, MILK ROOMS, DAIRIES AND POULTRY HOUSES:

TO CONTROL Flies, Mosquitoes, Meal Worms, Darkling Beetles and Gnats:

For initial clean up of severe insect infestation, dilute at a rate of 4 parts concentrate in 100 parts water (5.12 ounces per gallon) (32 teaspoonfuls per gallon) (0.10%).

For normal infestations, dilute 2 parts concentrate in 100 parts water (2.56 ounces per gallon) (16 teaspoonfuls per gallon) (0.050%).

For maintenance use, dilute 1 part concentrate in 100 parts water (1.28 ounces per gallon) (8 teaspoonfuls per gallon) (0.025%).

Apply as a fog or fine mist, directing the spray toward the ceiling and upper corners until the area is filled with mist. Use about 2 ounces per 1,000 cubic feet of space. For best results, close doors and windows before spraying and keep closed for 10 to 15 minutes. Vacate the treated area and ventilate before reoccupying.

Barrier Spray For Nuisance Pests: Such as Ants, Clover mites, Cluster flies, Crickets, Earwigs, Fleas, Flying moths, Gnats, House flies, Millipedes, Mosquitoes, Sowbugs (pillbugs), Spiders, Tent caterpillars, Ticks (Brown dog, Deer, Lone star).

GENERAL DIRECTIONS:

Use 6.4 fl. oz. in 1 quart of water (0.5%), treating 400 linear feet with a 6-inch spray band.

Outside Surfaces of Buildings:

Pests: Ants, Clover mites, Crickets, Earwigs, Millipedes, Sowbugs (pillbugs).

How to Use: To help prevent infestation of buildings, treat the building foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Also, apply as a residual spray to outside surfaces of buildings, including porches, screens, window frames, eaves, patios, picnic areas, garages, refuse piles, and other areas where these pests congregate or have been seen. To maintain effectiveness, reapply as reinfestation occurs.

Other Outside Areas:

Pests: Ants, Crickets, Earwigs, Fleas, Spiders, Ticks (Brown dog, Deer, Lone star).

How to Use: For treatment of localized infestations of these insects in areas where there are weeds, shrubs or bushy non-crop areas, spray infested areas thoroughly. For ants, thoroughly wet hills and runways. Repeat application as reinfestations occur.

Pests: Cluster flies, Flying moths, Gnats, House flies, Mosquitoes.

How to Use: For use only as an aid in reducing annoyance from these insects. Spray outside surfaces of screens, doors, window frames or wherever these insects may enter the room. Also treat surfaces around light fixtures on porches, under patio furniture, in garages and other places where these insects alight or congregate.

STORAGE AND DISPOSAL

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

Pesticide Storage

Store in a cool, dry area under lock and key. Post as a pesticide storage area. Always store pesticides in the original container. Store away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Place liquid formulations on lower shelves and dry formulations above.

Pesticide Disposal

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

Container Handling

Nonrefillable container. Do not reuse or refill this container.

Triple rinse container (or equivalent) 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 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 or 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. Do not burn unless allowed by state and local ordinances.