

1021-1859

4/25/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

April 25, 2012

Steven K. Ditto
Regulatory Affairs Specialist
McLaughlin Gormley King Company
8810 10th Ave. N.
Minneapolis, MN 55427

Subject: Label Amendment—Adding claims against flies and mosquitoes on horses
Product Name: EVERCIDE® 28511
EPA Reg. No.: 1021-1859
Application Dated: December 16, 2011, 2012
Decision Number: 458923

Dear Mr. Ditto:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. Two copies of the finished labeling must be submitted prior to releasing the product for shipment.

1. Within 18 months, you must submit or cite acceptable efficacy data for *Anopheles* spp. to support residual control claims for this product. The rates of application and duration of exposure must match what is proposed on the product label. As an alternative to an on-animal study, a study laboratory can be conducted using a treated surface.

A copy of the label stamped "Accepted with Comments" is enclosed for your records. If you have any questions, you may contact Clayton Myers at (703) 347-8874 or myers.clayton@epa.gov.

Sincerely,

Richard J. Gebken, Product Manager
Insecticide Branch
Registration Division (7505P)

EVERCIDE® 28511

[] 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.

- [One quart makes up to 25 gallons of spray.]
- [Makes up to 25 gallons.]
- [Controls [Kills] German Cockroaches for up to 5 weeks on non-porous surfaces]
- [Kills German Cockroaches on Contact and Keeps Killing for up to 5 weeks on non-porous surfaces]
- [Kills Carpenter Ants for up to 8 weeks on non-porous surfaces]
- [Water Based Formula]
- [Kills Bugs on Your Lawns, Trees and Shrubs, Roses and Flowers and Vegetables]
- [Aids in Reducing Annoyance from Mosquitoes and Other Flying Insects]
- [Kills Mosquitoes that transmit West Nile Virus]
- [Kills Deer Ticks and other Crawling insects]
- [May be used on indoor and outdoor plants] [Where to use: On lawns, listed fruits and vegetables, trees and shrubs, roses and flowers and outside surfaces of buildings.]
- [Controls over 50 common insect pests]
- [Controls insects on: roses & ornamentals; trees, shrubs; lawns]
- [Kills nuisance pests: ants, deer ticks, crickets & earwigs]
- [16 oz. Treats up to 2,650 sq. ft. [Treats up to 2,650 sq. ft.]
- [Protects horses, ponies, and other livestock from stable flies, mosquitoes, and gnats]
- [Contains Zeta-Cypermethrin, a long lasting insecticide that provides contact and residual control of many hard-to-kill sucking and chewing insects.]

ACTIVE INGREDIENT:

* Zeta-Cypermethrin [* (3-phenoxyphenyl)methyl (+) cis/trans 3-(2,2-dichloroethenyl)-2,2 dimethylcyclopropane carboxylate]	0.75%
OTHER INGREDIENTS.....	99.25%
	100.00%

* Cis,trans ratio: Max 75% (±) cis and Min. 25% (±) trans
EVERCIDE® - Registered trademark of McLaughlin Gormley King Company

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID	
IF SWALLOWED:	<ul style="list-style-type: none"> ▪ Immediately call a poison control center or doctor. ▪ Do not induce vomiting unless told to 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.
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.
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.	

Manufactured by



8810 Tenth Avenue North
Minneapolis, MN 55427

EPA Reg. No. 1021-1859

EPA Est. No. 1021-MN-2

Net Contents: _____

**ACCEPTED
With COMMENTS
In EPA Letter Dated:
APR 25 2012**

**Under the Federal Insecticide, Fungicide
and Rodenticide Act, As amended, for the
pesticide Registered under EPA Reg. No:**

1021-1859

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Avoid contact with skin or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash clothing before reuse.

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 visiting the treatment area.

PHYSICAL OR CHEMICAL HAZARDS

Do not apply this product around electrical equipment due to the possibility of shock hazard.

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.
[Read Directions on Box for additional application instructions before using this product]

Not for use on plants being grown for sale or other commercial seed production or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior landscapes, ornamental gardens or parks or lawns or grounds.

Do not apply this product in patient rooms, or in any rooms while occupied by the elderly or infirm.

Do not apply to classrooms when in use.

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

Do not make applications during rain.

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 apply directly to sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur, except as directed by label.

THIS PRODUCT MUST BE DILUTED PRIOR TO USE. To prepare dilutions, add the required amount of concentrate to water and blend thoroughly.

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

RATE	OZ. CONC./GAL.	Zeta-Cypermethrin CONC.
1:5	25.6	0.150%
1:10	12.8	0.075%
4:100	5.12	0.030%
3:128	3.00	0.0176%
2:100	2.56	0.015%
2:128	2.00	0.012%
1.5:128	1.50	0.009%
1:100	1.28	0.0075%
1:128	1.00	0.006%

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

This product kills most [troublesome] outdoor insects, which destroy lawns and gardens and are an annoyance on patios and at picnics.

This product can be applied using a 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.

Use on Lawns: Bent, Bermuda, Bluegrass, Dichondra, Fescue, Irish Moss, Merion and St. Augustine

Pests: Ants Armyworms, Chinch bugs, Crickets, Cutworms, Deer Ticks, Grasshoppers, Japanese beetle grubs, Mole crickets and Sod webworms. Thoroughly wet down grass a few hours before applying. Home lawns should be no taller than 3 inches at time of application. Slightly more water may be used as long as the amount of product per area is as listed below. For heavy infestations, repeat application after 2 weeks.

For ants, crickets and grasshoppers use [4 tsp in 1 Gallon to cover 333 sq. ft.] 2 fl. oz. in 3 gallons of water to cover 1,000 sq. ft. For other listed insects, use 6 fl. oz. in 10 gallons of water to cover 1,000 sq. ft. [For listed insects, 16 fl. Oz. Treats 2,650 sq. ft.]

Use on Trees and Shrubs: Arizona Cypress, Azalea, Birch, Non-Bearing Citrus, Conifers, Elm, English Ivy, Euonymus, Weeping Fig, Fir, Honeysuckle, Lilac, Mock-Orange, Oak, Palm, Philodendron, Pine, Poinsettia, Tulip, Poplar, Rhododendron, Taxus.

Pests: Aphids, Bagworms, Cicadas, Exposed thrips, Fall cankerworms, Inchworms, Leafminers, Mealybugs, Spider mites, Whiteflies. Fall webworms on Cherry and Honeysuckle, Budworms on Conifer, Elm leaf beetles, Elm spanworms and Fall webworms on Elms, Tussock moths on Douglas and Grand Firs, Citrus black flies on Non-Bearing Citrus, Oakworms on Oaks, Pine beetles, Pine moths, Pine needleminers, and Needle scale on Pines.

Use 1 fl. oz. in 1 gallon of water. Apply as a thorough spray, wetting leaves and branches but do not let runoff occur. Try to penetrate dense foliage. Spray in the late afternoon or evening, when the temperature range is from 50 to 75°F and when there is little or no wind. Spray at the first sign of insects. To maintain effectiveness, spray as reinfestation occurs, but use intervals of 4-8 days.

Use On Roses and Flowers: Ageratum, Aster, Azalea, Begonia, Coleus, Common Ninebark and Snowberry, Exacum, Gladiolus, Gold Bells, Hypoestes, Ivy, Lilac, Marigold, Mock-Orange, Nannyberry, Orchid, Pansy, Pea Shrub, Petunia, Poinsettia, Rhododendron, Rose, Snapdragon, Zinnia.

Pests: Aphids, Bagworms, Cicadas, Exposed thrips, Fall cankerworms, Fall webworms, Inchworms, Leafminers, Leafrollers, Mealybugs, Spider mites, and Whiteflies.

Use 1 fl.oz. in 1 gallon of water. Apply as a thorough spray, wetting the plants thoroughly, but do not let runoff occur. Try to spray underside of leaves and penetrate dense foliage. Spray in the late afternoon or evening, when the temperature range is from 50 to 75°F and when there is little or no wind. Spray at the first sign of insects. To maintain effectiveness, spray as reinfestation occurs, but use intervals of 4-8 days.

To Kill Gypsy Moth Caterpillars and Adults, Adult Japanese Beetles, Eastern and Forest Tent Caterpillars: Dilute 4 parts water (12.8 fluid ounces per gallon of water) (0.075%). Apply to insure thorough coverage of upper and lower surfaces.

On Trees and Shrubs: Treat trees and shrubs as soon as insects emerge (usually late spring). Treat leaves, branches, and tree trunks evenly, making sure to penetrate dense foliage. Repeat application every 7 days as necessary for control.

On Roses and in Flower Gardens: Treat plants and flowers as soon as insects appear. Spray plants and flowers, making sure to penetrate dense foliage. Repeat application every 7 days or as necessary for control.

Head and Stem Brassica Vegetables: Broccoli, Chinese Broccoli, Brussels Sprouts, Cauliflower, Cabbage, Rape Greens.

Pests: Corn earworms, Beet armyworms, Loopers (Alfalfa, Cabbage), Tobacco budworms

How to Use: Use 2 fl.oz. in 1 gallon of water to cover 1,000 sq. ft. Apply every 7 days as needed. A maximum of 0.15 lbs. of active ingredient may be applied per acre per season. Can be applied up to 1 day prior to harvest.

Head Lettuce:

Pests: Corn earworms, Beet armyworms, Loopers (Alfalfa, Cabbage), Tobacco budworms

How to Use: Use 2 fl.oz. in 1 gallon of water to cover 1,000 sq. ft. Apply every 5-10 days as needed. A maximum of 0.15 lbs. of active ingredient may be applied per acre per season. Can be applied up to 5 day prior to harvest

Peppers: Includes: Bell Pepper, Chili Pepper, Sweet Peppers

Pests: Cabbage loopers, Corn earworms, European corn borers, Flea beetles, Pepper weevils, Vegetable leafminers.

How to Use: Use 2 fl. oz. in 1 gallon of water to cover 1,000-sq. ft. Apply every 7 days as needed. Do not apply more than 0.15 lbs of active ingredient per acre per season. Can be applied up to 1 day prior to harvest.

Eggplant:

Pests: Colorado Potato beetles, Vegetable leafminers.

How to Use: Use 3 fl. oz. in 1 gallon of water to cover 1,000-sq. ft. Apply every 7 days as needed. Do not apply more than 0.15 lbs of active ingredient per acre per season. Can be applied up to 1 day prior to harvest.

Bulb Vegetables; Onions, Leeks, Garlic

Pests: Cutworms, Armyworms, Onion Thrips, Aphids.

How to Use: Use 2 fl.oz. in 1 gallon of water to cover 1,000 sq. ft. Apply every 7 days as needed. Do not apply more than 0.125 lbs of active ingredient per acre per season. Can be applied up to 7 day prior to harvest.

Sweet Corn:

Pests: Armyworms, (Fall, Southern), Corn earworms, European corn borers.

How to Use: Use 1.5 fl. oz. in 1 gallon of water to cover 1,000-sq. ft. Apply every 3 to 5 days and when needed. Do not exceed 0.15 lbs of active ingredient per acre per season. Can be applied up to 3 day prior to harvest.

Tomatoes:

Pests: Beet and Southern Armyworm, Tomato Pinworm, Tomato Fruitworm, Horn Worms, Granulate Cutworms, Colorado Potato Beetle, Cabbage Looper.

How to Use: Use 1.5 fl. oz. in 1 gallon of water per 1,000 sq. ft. Apply every 7 days as needed. Do not apply more than 0.15 lbs of active ingredient per acre per season. Can be applied up to 1 day prior to harvest.

House Plants Indoors: To protect plants in non-commercial greenhouses and lathhouses, and for indoor landscaping. Ageratum, Ardisia, Aster, Baby's Breath, Begonia, Birdsnest Fern, Bleeding Heart, Carnation, Chrysanthemum, Coleus, Crown of Thorns, Cockscomb, Cyclamen, Dracaena, Dumbcane, English Ivy, Fuchsia, Gladiolus, Grape Ivy, Hypoestes Ivy, Juniper, Lily, Marigold, Orchid, Palm, Pansy, Peperomia, Petunia, Philodendron, Piggy-Back Plant, Poinsettia, Portulaca, Pothos, Prayer Plant, Purple Passion, Rabbits Foot Fern, Rose, Schefflera, Snapdragon, Snake Plant, Statice, Velvet Plant, Verbena, Zinnia.

Pests: Aphids, Armyworms, Corn earworms, Cutworms, Cabbageworms, Exposed thrips, Fall cankerworms, Fungus gnats, Inchworms, Japanese beetles, Leafminers, Leafrollers, Mealybugs, Scales, Spider mites, Spring cankerworms, Whiteflies.

How to Use on Indoor House Plants Listed Above: Use 1 fl. oz. in 1 gallon of water. Spray will provide contact and residual control. Use sufficient spray to obtain full coverage of all foliage. Adjust spray volume used to plant size. Spray directly on insects. If application is to be made indoors, remove infested plants from

living areas prior to application. Spray plants in an area not likely to be occupied by people or pets (particularly fish bowls or tanks). When leaves dry, plants can be returned to original location. Do not use more product than recommended, as this may cause some plant injury. Use with care on Ferns, Palms and Fuchsia. As with all plants listed above, especially carnations, chrysanthemums, and roses, there exists a wide variety of susceptibility to injury. To ascertain possible toxicity to plants, spray a few plants as described above, wait 24 hours, and check for possible injury. Repeat application may be necessary to control citrus black flies on non-bearing citrus and adult Japanese beetles on roses.

USE IN AND AROUND STRUCTURES:

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, cover all food processing surfaces and utensils during treatment or thoroughly wash before use following treatment. Cover or remove exposed food. NOT FOR USE IN FEDERALLY INSPECTED MEAT AND POULTRY PLANTS.

Nonfood/feed areas include (but are not limited to) 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).

AS A SURFACE SPRAY TO CONTROL: German Cockroaches, Waterbugs, Palmetto Bugs, Ants, Asian Lady Beetles, Silverfish, Crickets, Millipedes, 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 Cadellles:

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) (0.03%).

For normal infestations, dilute 2 parts concentrate in 100 parts water (2.56 ounces per gallon) (0.015%).

For maintenance use, dilute 1 part concentrate in 100 parts water (1.28 ounce per gallon) (4 teaspoonfuls per gallon) (0.0075%).

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: 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 KILL Deer Ticks: 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.

GENERAL DIRECTIONS - OUTDOOR USE:

Barrier Spray For Nuisance Pests: Such as Ants, Clover mites, Cluster flies, Crickets, Earwigs, Flying moths, Millipedes, Mosquitoes, Sowbugs (pillbugs), and Tent caterpillars.

For mosquitoes, dilute to a rate of 0.01% and greater to achieve up to two (2) week s residual control when applied to non-porous items, such as screens and siding. Before treating siding of house, spray in an inconspicuous place and observe for staining.

Use 6.4 fl. oz. In 1 quart of water (0.15%), treating 400 linear feet with a 6-inch spray band.
[Use 26 2/3 fl oz in 1 Gallon of water to treat 1,600 linear feet with a 6-inch spray band.]

Outside Surfaces of Buildings:

Remove all exposed food and cooking utensils. Cover all food handling surfaces or wash thoroughly after treatment and before use. Do not use on edible crops. Hold sprayer two (2) to three (3) feet from surface to be treated and spray infested surfaces of patio or picnic areas, hitting as many insects as possible. Spray to slightly moisten the surface.

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

How to Use: To help prevent infestation of buildings [such as Homes, Commercial buildings, Institutions, Warehouses, Theatres, Office buildings, Schools, Motels, Hotels, Restaurants, Hospitals, Cattle barns, Horse barns, Swine houses, Kennels, Milking parlors, Milk rooms, Dairies and Poultry houses], 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, hitting as many insects as possible. Spray to slightly moisten the surfaces. [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.] To maintain effectiveness, reapply as reinfestation occurs.

Other Outside Areas:

Pests: Ants, Crickets, Earwigs, Deer Ticks.

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, 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.

Pests: Tent caterpillars.

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How to Use: Application should be made when caterpillars are young and tents are first noticed. For best results, apply in the late afternoon or evening, when caterpillars have returned to their tents. Wet tents with spray on all sides. A few caterpillars may be seen escaping from the tent, however, they should die within several hours.

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

THIS PRODUCT MUST BE DILUTED PRIOR TO USE. To prepare dilutions, add the required amount of concentrate to water and blend thoroughly.

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

RATE	OZ. CONC/GAL.	Zeta-Cypermethrin CONC.
1:10	12.8	0.075%

TO CONTROL Stable Flies, 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 and Mosquitoes: 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.

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.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE:

Store in a cool, dry place, preferably a locked storage area. Store above freezing. Do not store diluted spray. Store with container tightly closed. Always store pesticide in the original container; do not transfer to food or drink container. Store away from food and pet food. Avoid contamination of food, feed, and domestic water supplies.

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.