

1021-1815

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

September 20, 2005

Julie B. Schlekau
McLaughlin Gormley King Company
8810 Tenth Avenue North
Minneapolis, MN 55427

Subject: Amendment - Response to Agency's May 9, 2005 letter
EVERCID Esfenvalerate 6.4% CS
EPA Reg. No. 1021-1815
Your Submission Dated June 13, 2005

Dear Ms. Schlekau:

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 (2) copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy of the label is enclosed for your records.

1. Since you are requesting to carry the first aid, *If Swallowed* statement for products containing petroleum distillates, please make the following revisions:
 - a. Add "Contains Petroleum Distillates" under the Ingredients Statement.
 - b. Add "Note to Physician: Contains petroleum distillate - vomiting may cause aspiration pneumonia." to the First Aid Statement.

If you have any questions regarding this action, please contact BeWanda Alexander of my team at (703) 305-7460.

Sincerely,



George T. LaRocca

Product Manager (13)

Insecticide Branch

Registration Division (7505C)



McLAUGHLIN
GORMLEY
KING COMPANY

EVERCIDE® Esfenvalerate 6.4% CS
(Microencapsulated Insecticide)

For Pest Management Professional Use

8810 Tenth Avenue N. / Minneapolis, Minnesota 55427-4372 U.S.A. Telephone (763) 344-6341

ACTIVE INGREDIENT:

(S)-cyano(3-phenoxyphenyl)methyl-(S)-4-chloro-alpha-(1-methylethyl)benzeneacetate
OTHER INGREDIENTS

6.40%
93.60%
100.00%

EVERCIDE® - Registered trademark of McLaughlin Gormley King Co.

KEEP OUT OF REACH OF CHILDREN
CAUTION

FIRST AID

IF SWALLOWED:	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Do not give any liquid to the person. Do not induce vomiting unless told to do so by a poison control center or a doctor. Do not give anything by mouth to an unconscious person.
IF IN EYES:	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.
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.
<p>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 the International Poison Center at 1-888-740-8712.</p>	

Net Contents _____

Manufactured by:
Mc LAUGHLIN GORMLEY KING COMPANY
8810 Tenth Avenue North
Minneapolis, MN 55427

EPA Reg. No. 1021-1815

EPA Est. No. 1021-MN-2

ACCEPTED
with COMMENTS
In EPA Letter Dated
SEP 20 2005
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
1021-1815

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wear protective eyewear (goggles, face shield or safety glasses with side shields). Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and other aquatic invertebrates. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirement 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 into sewer systems without previously notifying sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame. Do not use this product in or on 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.

Remove pets and birds and cover fish aquariums before spraying.

For control of insects, indoors and outdoors, in food and non-food areas such as, but not limited to: Homes, Schools, Warehouses, Office Buildings, Apartment Buildings, Theatres, Hotels, Industrial Buildings, Motels, Kennels, Livestock Housing, Food Processing Plants, Food Service Establishments, Restaurants, Supermarkets and Grocery Stores, Transportation Equipment, Truck Trailers, Railroad Cars, and Food Manufacturing and Warehousing Establishments. Also for use on Backyards, Lawns, Trees, Ornamental Landscaping, Recreational Areas, Parks and Athletic Fields.

Insects Controlled:	Scorpions	Furniture Beetles	Pear Psylla
Ants	Spiders	Old House Borers	Pear Slugs
Aphids	Ticks	Powder Post Beetles	Pecan Leaf Phylloxera
Asian Lady Beetles	Wasps	Round-headed House Borers	Pecan Nut Casebearers
Bedbugs	Yellow Jackets	Swarming Termites	Pecan Spittlebugs
Beetles			Pecan Stem

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Box elder Bugs	Stored Product Pests including: Angoumois Grain Moths	Plant Pests including: Alfalfa Caterpillars	Pyloxera
Carpet Beetles			Pecan Weevils
Centipedes	Ants	American Plum Borers	Pepper Weevils
Cockroaches	Cadelles	Annual Bluegrass Weevils	Periodical Cicadas
Crickets	Cigarette Beetles	Aphids	Pickleworms
Dog Ticks	Cockroaches	Apple Maggots	Pillbugs
Earwigs	Confused Flour Beetles	Armyworms	Pine Chafer
Fire Ants	Dark Mealworms	Bagworms	Pine Coreid Bugs
Firebrats	Dried Fruit Beetles	Balsam Woolly Adelgids	Plant Bugs
Fleas	Drug Store Beetles	Beet Armyworms	Plum Curculios
Mealy Bugs	Flat Grain Beetles	Billbugs	Red Pine Sawflies
Midges	Fruit Flies	Blueberry Spanworms	Red Striped Fireworms
Millipedes	Grain Mites	Cherry Fruit Flies	Redheaded Pine Sawflies
Mites	Grain Moths	Cherry Fruitworms	Rindworms
Pillbugs	Granary Weevils	Chinch Bugs	Salt Marsh Caterpillars
Psocids	Indian Meal Moths	Codling Moths	Sap Beetles
Scales	Lesser Grain Borers	Cowpea Curculios	Scales
Silverfish	Maize Weevils	Cranberry Fruitworms	Sod Webworms
Spiders	Meal Moth Larvae	Cranberry Weevils	Sowbugs
Springtails	Mediterranean Flour Moths	Cucumber Beetles	Spiders
Swarming Termites	Merchant Grain Beetles	Cutworms	Spittlebugs
Ticks	Red Flour Beetles	Diamondback Moths	Stink Bugs
Waterbugs	Rice Weevils	Elm Leaf Beetles	Tarnished Plant Bugs
	Rusty Grain Beetles	European Pine Sawflies	Tent Caterpillars
Flying Insects including:	Saw-toothed Grain Beetles	Fall Webworms	Artichoke Plume Moths
Blow Flies	Skippers	Filbert Worms	Thrips
Chiggers	Spider Beetles	Flea Beetles	Tobacco Hornworms
Cloth Moths	Spider Mites	Grasshoppers	Tufted Apple Budmoths
Crane Flies	Square-necked Grain Beetles	Green Cloverworms	Velvet Bean Caterpillars
Deer Flies	Tobacco Moths	Green Fruit Worms	Walnut Husk Flies
Face Flies	Yellow Mealworms	Gypsy Moth Caterpillars	Western Bean Cutworms
Fruit Flies	Livestock Premise Pests:	Hickory Shuckworms	Whiteflies
Fungus Gnats		Bedbugs	Imported Cabbageworms
Gnats	Carrion Beetles	Japanese Beetles	
Horn Flies	Chiggers	Lace Bugs	
Houseflies		Leaf Feeding	

Mosquitoes	Darking Beetles (lesser meal worm)	Leaf Miners
Small Flying Moths	Deer Flies	Leaf Rollers
Whiteflies	Face Flies	Leaf Tiers
	Fleas	Leathoppers
Biting and Stinging Pests:	Files	Lesser Appleworms
Bedbugs	Hide Beetles	Lesser Peach Tree Borers
Bees	Horn Flies	Loopers
Biting Flies	Horse Flies	Lygus Bugs
Chiggers	Lice	Mexican Bean Beetles
Deer Flies	Litter Beetles	Mites
Deer Ticks	Mites	Mole Crickets
Dog Ticks	Mosquitoes	Naval Orangeworms
Fire Ants	Stable Flies	Northern Pine Weevils
Fleas		Oriental Fruit Moths
Gnats	Wood Destroying Pests including:	Painted Lady Caterpillars
	Carpenter Ants	Pea Weevils
Hornets	Carpenter Bees	Peach Tree Borers
Lice	Deathwatch Beetles	Peach Twig Borers
Mosquitoes		

GENERAL INFORMATION:

Do not apply this product in patient rooms or in any rooms while occupied by the elderly or infirm. Do not apply to classrooms while in use. Do not apply in institutions (including libraries, schools, sports facilities, etc.) in the immediate area where occupants are present.

EVERCIDE® Esfenvalerate 6.4% CS is a microencapsulated suspension concentrate containing 0.54 pounds active ingredient per gallon.

EVERCIDE® Esfenvalerate 6.4% CS is designed to provide long residual activity against pests listed on this label when applied as surface or spot treatments, injected into wall voids, or as a crack and crevice spray in and around residential and commercial structures, as well as on turf and landscaping. EVERCIDE® Esfenvalerate 6.4% CS may be sprayed on any surface that will not be stained by water. DO NOT use this product as a fogger or apply it as a space spray. Do not apply in electrical conduits, junction and switch boxes, motor housings, or other electrical equipment due to shock hazard from water-based spray.

Use only in areas described. Remove pets and cover fish aquariums and pets' food and water dishes before spraying. Keep all people (especially children) and pets out of areas being treated and restrict access to these areas until all surfaces are dry. DO NOT leave product where children or pets can come into contact with it. DO NOT allow spray to contact food or food-containing surfaces, feed, or water supplies. Thoroughly wash dishes and food handling utensils with soap and water if they become contaminated with this product. Food utensils such as teaspoons and measuring cups must not be used for food purposes after use with pesticides.

APPLICATION IN FOOD PROCESSING/HANDLING ESTABLISHMENTS:

Application is Permitted Within Food and Non-Food Areas of Food Service and Handling Establishments (Places Other than Private Residences) Including But Not Limited to: Restaurants, Grocery Stores, Bakeries, Food Manufacturing and Processing Establishments,

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and Food Warehousing Establishments. Do not treat establishments where livestock feed is present.

Food areas include areas for receiving, storing, packing, canning, bottling, wrapping, boxing, preparing, edible waste storage, and enclosed processing systems, mills, and dairies. Serving areas are places where prepared foods are served, such as dining rooms, but excluding areas where foods may be prepared or held. Non-food areas include garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, garages, mop closets, and storage after canning or bottling.

General Surface Applications: Do not apply EVERCIDE® Esfenvalerate 6.4% CS as a general surface application in food/feed areas of the facility when the facility is in operation or food/feed is exposed. Do not apply directly to food. Cover or remove all food and food processing equipment prior to application. After spraying in meat packing plants, bakeries, and other food processing plants, wash with an effective cleaning compound, and then rinse water all equipment, benches, shelving, etc. where exposed food will be handled with potable water. Repeat applications as needed, but do not exceed more than one (1) application every (14) days.

Spot or Crack & Crevice Applications: Spot or crack and crevice applications may be made while facility is in operation, provided exposed food is covered or removed from the area being treated. Do not apply directly to food or food-handling surfaces. Repeat applications as needed, but do not exceed more than one (1) application every (14) days.

In the home, cover exposed food and do not allow spray to contact food/feed surfaces. If spray does contact these surfaces, clean surfaces with soap and water.

MIXING INSTRUCTIONS:

EVERCIDE® Esfenvalerate 6.4% CS should be mixed with water and applied with hand pressurized or power operated sprayers. Shake container of EVERCIDE® Esfenvalerate 6.4% CS before diluting. Clean spray equipment before use. For dilution, add approximately half the required water to spray tank and then add the appropriate amount of EVERCIDE® Esfenvalerate 6.4% CS. Agitate, and slowly add the remaining water. Agitate spray thoroughly before using and also occasionally during use to ensure dispersion. If spray filter screens are used, they should be 50 mesh or larger. Use 0.5 fluid ounces (15 cc.) of EVERCIDE® Esfenvalerate 6.4% CS in 1 gallon of water to make a spray mix containing 0.025% active ingredient. Use 1.0 fluid ounce (30 cc.) per gallon of water to make a spray containing 0.05% active ingredient. Use 0.025% solution for light infestations or as a maintenance control rate. Use 0.05% for heavy infestations or as an initial clean out rate. Apply two-second bursts of spray per square foot of area being treated. Avoid excessive application. Dampen surfaces but not to the point of saturation or run-off. Only dilute EVERCIDE® Esfenvalerate 6.4% CS with water.

Formula for determining the active ingredient content of the finished spray mixture: The following formula may be used to determine the percent active ingredient that is in the sprayer tank after mixing EVERCIDE® Esfenvalerate 6.4% CS:

$$\frac{(6.4) \times (\text{number of fl. oz. of EVERCIDE® Esfenvalerate 6.4\% CS added to tank})}{(\text{Gallons of finished spray mix}) \times (128)} = \text{Percent Active Ingredient of Spray Mix}$$

Tank Mixing:

EVERCIDE® Esfenvalerate 6.4% CS may be tank mixed with an insect growth regulator such as NyGuard® IGR Concentrate or pyrethrum-containing products or any other currently registered pesticides unless expressly prohibited by the product label. The resulting tank mix may be applied in areas where these products are allowed to be sprayed. Do not tank mix EVERCIDE® Esfenvalerate 6.4% CS with products containing dichlorvos (DDVP).

INDOOR USE:

Application Rates for Indoor Structural Pests:

Pests	Concentration of Active Ingredient	Dilution Rate In Water	Application Rate of Mixed Solution	Application Method(s)
Crawling Insects	0.025%	0.5 fl. oz. / gallon	1 gallon / 1,000 sq. ft	Apply as a course, wet spray * Broadcast Surface Spray * Crack & Crevice Treatment
Light Infestation	0.050%	1.0 fl. oz. / gallon		
Heavy Infestation				* Spot Treatment
Flying Insects	0.025%	0.5 fl. oz. / gallon	1 gallon / 1,000 sq. ft	* Injected into Wall Voids
Stinging Insects	0.050%	1.0 fl. oz. / gallon	1 gallon / 1,000 sq. ft	
Ticks	0.025%	0.5 fl. oz. / gallon	1 gallon / 1,000 sq. ft.	
Fleas, Lice & Bedbugs	0.025%	0.5 fl. oz. / gallon	1 gallon / 1,000 sq. ft.	Apply as noted above, with a fine particle spray.

Crawling Insect Pests Indoors:

Apply as a course, wet spray to surfaces where these pests are normally found. Treat floors, baseboards, around doors and windows, in attics, crawl spaces, eaves, corners, closets, walls, utility pipes, storage areas, and all cracks and crevices. Treat underneath sinks, dishwashers, refrigerators, stoves, the underside of shelves, drawers, cabinets, areas behind pipes, and in all places where these insects shelter. Contact as many insects as possible with direct spray. Repeat applications as needed, but do not exceed more than one (1) application every seven (7) days.

For Ant Control Indoors:

Apply to ant trails, around garbage receptacles, and near food sources. Also apply around doors and windows and wherever these pests may find entrance to the structure. Remove sources of food through basic hygiene practices whenever possible.

Flying Insect Pests Indoors:

Treat insect resting areas such as walls and ceilings, screens, around windows, doors, and light fixtures, and other surfaces that attract flying insects. Initiate treatments at the beginning of fly season, and repeat treatments during periods of heavy infestation.

Stinging Insect Pests Indoors:

Apply spray to nests late in the evening when stinging insects are at rest. Thoroughly spray nest, nest entrance, and surrounding areas where insects land or walk. Treat around doors and windows, in attics, crawl spaces, and possible harborage sites or points of entry.

For Control of Brown Dog Ticks:

Thoroughly apply as a spot treatment to infested areas such as pet beds and resting areas, nearby cracks and crevices, along and behind baseboards, window and door frames, and localized areas of floor and floor coverings where these pests may be present. **DO NOT SPRAY PETS WITH THIS PRODUCT.** Treat dogs and cats with a product registered for use on animals

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For Control of Fleas:

Thoroughly apply as a fine particle broadcast spray to infested rugs, carpets, and pet resting areas. Prior to treatment, aquariums and fish bowls should be covered, and pet animals should be removed from the area being treated. Do not permit humans or pets to contact treated surfaces until spray has dried. Old pet bedding should be removed and replaced with clean, fresh bedding after treatment. **DO NOT SPRAY PETS WITH THIS PRODUCT.** Treat dogs and cats with a product registered for use on animals.

To Control Bedbugs:

Thoroughly clean and sanitize mattresses and box springs. Treat mattresses and box springs with an approved pesticide, such as a pyrethrin aerosol. Apply EVERCIDE® Esfenvalerate 6.4% CS as a spot treatment to potential harborage sites and migration paths, and cracks and crevices, around baseboards, floorboards, headboards, and walls.

For Control of Stored Product Pests:

Spray thoroughly around and into floor drains, non-food conveyors, benches, pipes, pallets, moist areas, storage racks, pieces of equipment, and other areas where stored product pests may be found. Tank-mix or sequential use of an insect growth regulator, such as NyGuard® IGR Concentrate, is recommended to break the insect reproduction cycle. Do not apply this spray to surfaces or utensils that may come in contact with food, since excessive residues in food may result.

To Treat Voids in Equipment and Structures:

To kill insects harboring in wall voids and other inaccessible spaces in equipment and structures, use injection equipment designed for deep void applications. Follow the injection equipment manufacturer's recommendations for proper set up and air pressures. Place the applicator tip at or into the void space to be treated. For inaccessible voids, it may be necessary to drill an access hole(s). Inject product into the void space in short bursts, allowing air pressure to push insecticide deep into the space. Avoid applying to the point of runoff or drip. Ventilate area thoroughly before re-entry. Do not reapply more than every fourteen (14) days.

USE IN AND AROUND LIVESTOCK HOUSING:

For use in and around unoccupied areas of livestock facilities, such as, but not limited to: Barns, Cow and Calf Pens & Hutches, Dairy Barns & Milk Rooms, Hog Barns, Horse Barns, Sheep Barns, Poultry Houses, and Rabbit Hutches. Do not contaminate milk, food, or drinking water. Remove animals from area being treated. Cover feeders and waterers. Do not apply or allow insecticide to drift onto animals. Do not allow animals to enter treated areas until surfaces are dry.

Pests	Concentration of Active Ingredient	Dilution Rate In Water	Application Method(s)
Crawling Insects * Including litter beetles	0.050%	1 fl. oz. / gallon or 1 fl. oz. in sufficient water to cover 1,000 sq. ft.	Apply as a course, wet spray * General Surface Spray
Flying Insects	0.025%	0.5 fl. oz. / gallon or 0.5 fl. oz. in sufficient water to cover 1,000 sq. ft.	* Crack & Crevice Treatment * Spot Treatment * Injected into Wall Voids

Crawling Insect Pests in Livestock Premises:

Apply as a general surface, spot treatment, and/or crack and crevice treatment. Apply to floors and vertical and overhead surfaces where crawling insects are or may be present. Treat stanchions, pipes, windows, doors, posts, cage framing, gates, under (but not in) feeders, and other areas where insects hide or congregate. To reduce immigration of insects, make a perimeter treatment around the outside of building foundations. Apply in a uniform band 1 - 3 feet up the exterior foundation wall and 3 - 6 feet out from the foundation.

Litter Beetle Control in Livestock Premises:

To control litter beetles (darkling, hide, and carrion beetles) in poultry housing, apply EVERCIDE® Esfenvalerate 6.4% CS to walls and floors at cleanout and before reintroduction of animals. Treat areas where beetles frequently occur, such as walls, supports, cages, cage framing, stalls, and around feeders. To reduce immigration of insects, make a perimeter treatment around the outside of building foundations. Apply in a uniform band 1 - 3 feet up the exterior foundation wall and 3 - 6 feet out from the foundation.

Flying Insect Pests in Livestock Premises:

For residual control of flying insects, treat insect resting areas such walls, ceilings, screens, around windows, doors, light fixtures, and other surfaces that attract flying insects. Initiate treatments at the beginning of fly season and repeat treatments during periods of heavy infestation.

OUTDOOR USE:

Do not spray in or near fish ponds or other bodies of water.

Not for use on plants being grown for sale or other commercial use. Not for use in nurseries, sod farms or golf courses.

Application Rates for Outdoor Pests:

	Concentration of Active Ingredient	Dilution Rate In Water	Application Method(s)
Treating Exterior Walls, Foundations and Structures	0.025 to 0.050%	0.5 to 1 fl. oz. / gallon or 0.5 to 1 fl. oz. in sufficient water to cover 1,000 sq. ft.	Apply as a course, wet spray * General
Treating nests and harborage areas of stinging insects	0.050%	1 fl. oz. / gallon or 1 fl. oz. in sufficient water to cover 1,000 sq. ft.	Surface Spray * Crack & Crevice
To Control Swarming Termites and Wood Destroying Pests.	0.050%	1 fl. oz. / gallon or 1 fl. oz. in sufficient water to cover 1,000 sq. ft.	Treatment * Spot Treatment
Treating Ornamental Trees and Landscapes	0.005 to 0.050%	0.1 to 1.0 fl. oz. / gallon or 0.1 to 1.0 fl. oz. in sufficient water to cover 1,000 sq. ft.	Apply as a course, wet spray

Mosquito Breeding Sites	0.025%	0.5 fl. oz. / gallon or 0.5 fl. oz. in sufficient water to cover 1,000 sq. ft.	* Broadcast Spray Treatment * Foliar Spray Treatment
Treating Lawns and Turf	0.005 to 0.050%	0.1 to 1 fl. oz. / gallon or 0.1 to 1 fl. oz. in sufficient water to cover 1,000 sq. ft. 4.3 to 43 fl. oz. per acre	Apply as a course, wet spray * Broadcast Spray Treatment

Treating exterior walls, foundations and structures:

To control infestations of listed pests, treat exterior surfaces of buildings, walls, window frames, around garbage cans, eaves, cracks and crevices, porches, decks, gazebos, patios, carports, garages, fence lines, and other areas where pests are active or may be hiding.

To help prevent insect infestation of buildings: Treat a 2 – 6 foot band of soil or other substrate adjacent to buildings. Treat building foundation to a height of 2 – 3 feet. Treat exterior walls, eaves, cracks and crevices, and other areas where listed pests are active, and may find entrance into building.

Stinging Insect Control Outdoors:

For stinging insects, apply spray solution to nests and harborage areas late in the evening when stinging insects are commonly at rest. Thoroughly spray nest, nest entrance, harborage sites, and surrounding areas where insects land or walk. For nests inside walls, inject sufficient spray to treat nest. Do not use in areas where an electrical shock hazard exists. For applications made when pests are active, applicator should wear protective equipment as required. Repeat application when there are signs of renewed insect activity.

For Yellow Jacket control, EVERCIDE® Esfenvalerate 6.4% CS can be mixed with baits in traps. Follow trap instructions for preparation of bait.

For control of Fire Ants, combine broadcast application with mound drenches to control foraging workers and newly mated fly-in queens. Apply EVERCIDE® Esfenvalerate 6.4% CS as a broadcast application at a rate of 8 fl. oz. per 1,000 square feet. Treat mounds with a registered fire ant mound treatment.

Insect Control in Ornamental Trees and Landscapes:

For residential and commercial trees, shrubs, ground covers, and bedding and foliage plants that will not be harvested for food, apply EVERCIDE® Esfenvalerate 6.4% CS in appropriate volumes of water to obtain thorough coverage. Apply as a full-coverage foliar spray, applying to the point of drip but not runoff. Treat active soil pests with an application to surrounding soil. Repeat treatments as necessary to achieve control, using higher application rates as pest pressure and foliage area increases. Repeat applications as necessary, but no more than once every seven (7) days. Certain plants may be sensitive to the final spray solution. A small-scale test is recommended to verify safety to ornamental plants. Spray and observe for one (1) week prior to application of an entire planting.

Insect Control on Lawns, Turf Grass, and Turf:

For best results, lawn or turf grass should be mowed 1 – 2 days before spraying. Treat with spraying equipment or a hand sprayer. Use application volumes of up to 10 gallons per 1,000 square feet to get uniform coverage when treating dense grass foliage. For low volume applications using less than 2 gallons of spray solution per 1,000 square feet, immediate irrigation with at least 0.25 inches of water is recommended to improve effectiveness on sub-surface pests.

When hand spraying, spray using a slow, even sweeping motion, making sure to cover the entire lawn or turf grass area where pests are observed. Spray under ornamentals and trees. Repeat treatments may be necessary at 7 – 14-day intervals.

Rate Range:

Use lower rate range for pests that are commonly exposed and will be contacted by spray solution at the time of application. For pests that will not be contacted by spray solution at the time of application, use the upper rate range. Use 1 fl. oz per 1,000 sq. ft. when treating Mole Crickets and Chinch Bugs.

To Kill Swarming Termites: OUTDOORS ONLY.

Apply spray mix as a coarse, wetting spray when swarming termites are seen emerging from woodpiles, wooden fence posts, wooden structures, or from the ground. Swarming usually occurs in the spring or at other times when a termite colony becomes overcrowded and new reproductive termites with wings emerge and fly away to mate and establish new colonies. This treatment will control the sprayed termites and will not protect the structure from which the swarm is coming. Use only as a contact spray to kill emerging reproductive (winged) and worker termites emerging from infested wood. This treatment is not a substitute for a comprehensive termite control program.

To Kill Wood Destroying Pests: OUTDOORS ONLY.

Apply spray mix as a coarse, wetting spray to exposed pests and to the damaged areas of wood, spraying into galleries or tunnels in the exposed wood. Also spray around doors, window and door frames, and other areas where these pests may hide or enter the house. Spray into cracks and crevices and, if necessary, drill small holes and spray into inaccessible wooden structural voids where these pests are suspected.

Mosquito Breeding sites:

Mosquito populations may be reduced by application of EVERCIDE® Esfenvalerate 6.4% CS to sites where mosquitoes rest, harbor, and breed. Apply spray solution into tall grass, shrubbery, and around backyards and lawns where these pests may hover or rest. Apply while air is still.

STORAGE AND DISPOSAL

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

STORAGE: Store in a cool, dry, well-ventilated area. Keep container closed.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. In case of spill or leak, soak up with sand, earth, or synthetic absorbents. Do not use alkaline absorbents or clean spill area with alkaline detergents.

CONTAINER DISPOSAL: Do not reuse empty container. Wrap container in several layers of newspaper and discard in trash.

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