

1021-1847

01-25-2012

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

JAN 25 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 for Permethrin 3.2
Homeowner
EPA Registration No. 1021-1847**

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.

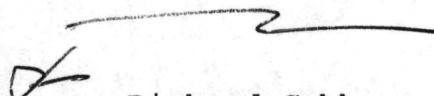
PLEASE NOTE: That the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSF's are superseded.

- Basic CSF, dated: January 5, 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: January 25, 2012

PERMETHRIN 3.2 HOMEOWNER

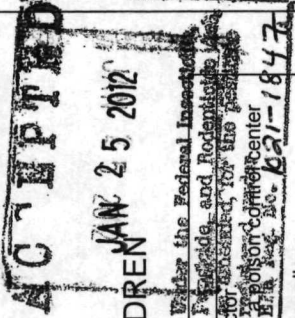
Termiticide Use: For Outdoor, Homeowner, Post-Construction Use Only

ACTIVE INGREDIENT

* Permethrin..... 36.80%
 ** OTHER INGREDIENTS..... 63.20%
 100.00%

* Cis-trans ratio: Max. 55% (±) cis and min. 45% (±) trans
 ** Contains petroleum distillates.

MGK® - 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. Have the person sip a glass of water if able to swallow. Do not give anything by mouth to an unconscious person. Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.
IF INHALED:	<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 ON SKIN OR CLOTHING:	<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 eye. Call a poison control center or doctor for treatment advice.

NOTE TO PHYSICIAN: This product contains petroleum distillates. Vomiting may cause aspiration pneumonia. Consideration should be given to gastric lavage with an endotracheal tube in place. Treatment is controlled by removal of exposure followed by symptomatic and supportive care. 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. 1021-1847
 EPA Est. 1021-MN-2

Net Contents: _____

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

CAUTION

Harmful if swallowed or inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Avoid breathing spray mist. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

people and pets may enter treated area after application has dried.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

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

- Long-sleeve shirt, loaders, and long pants;
- Shoes plus socks;
- Chemical-resistant gloves for all handlers except for applicators using motorized ground equipment, pilots, and flaggers.
- Chemical-resistant apron for mixers/loaders, persons cleaning equipment, and persons exposed to the concentrate and for handlers performing animal dip applicators.

USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
 Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
 Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.
 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 (except as required by directions for use) or heavily contaminated with this product's concentrate. Do not reuse them.

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 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 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

Combustible. Do not use or store near heat or open flame.

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DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Failure to follow the directions for use and precautions on this label may result in poor pest control, plant injury or illegal residues.

GENERAL INFORMATION

This product is non-staining to most home siding depending on age and cleanliness. However, before using in areas where the spray may contact home siding (vinyl siding, in particular), test in an inconspicuous area and recheck in a few hours. Do not use if any staining is observed.

This product may be used to control insect pests outdoors, on ornamentals, lawns, trees, shrubs, and vines in landscape areas, as a perimeter treatment around residential buildings. PERMETHRIN 3.2 HOMEOWNER may also be used to control home-invading insects as a residual spray on outside surfaces, such as, walks, garbage areas, window frames, doorways, porches, and patios. Not for use on plants being grown for commercial sales, or plants grown for seed production or sod farms and golf course turf, or in greenhouses or nurseries.

Application Instructions: PERMETHRIN 3.2 HOMEOWNER mixes readily with water and is specifically packaged for residential use as a diluted spray. Use a clean sprayer, such as, a tank type or hose-end sprayer to mix and apply the proper amount of concentrate with the desired volume of water. For perimeter and lawn applications, measure the area to be treated to determine the application volume. For trees, shrubs and flowers apply as a thorough cover spray until foliage is wet. Refer to Specific Application Instructions in the recommended rate Tables for additional instructions.

General Precautions and Restrictions

Do not apply this product in a way that will contact others either directly or through drift. Do not allow adults, children, or pets to enter the treated area until sprays have dried. Remove pets, birds, and cover fish aquariums before spraying. Not for use in outdoor residential misting systems.

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 vegetations;
- (3) Applicators to building foundations, up to a maximum height of 3 feet.

Do not water the treated area to the point of runoff. Do not make applications during rain.

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.

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.

HOME-PESTS-OUTDOOR USE ONLY

MIXING INSTRUCTIONS

Mix 1.6 fluid oz. (3 1/4 Tablespoons) of PERMETHRIN 3.2 HOMEOWNER per 1 gallon of spray solution to make a 0.5% spray emulsion [1 fluid oz. = 2 Tablespoons (T) = 6 teaspoons (tsp)]. Do not use utensils such as spoons and measuring cups for food purposes after use with pesticides.

HOW TO APPLY

Spot Treatment

- Apply a 0.5% emulsion as a pin stream low-pressure spray or as a paint-on application with a paintbrush.
- Treat where pests are found or entry points of the structure such as window frames, doorways, porches, patios and foundation.
- Spot-treatment may also be made to garages, garbage cans, and garbage areas.
- DO NOT apply indoors (including crawl spaces).

Perimeter Application

- Spray a 6 to 8 foot wide band of soil around the perimeter of the house. Treat the foundation wall to a height of 2 to 3 feet.
- Use a spray volume of 2 to 10 gallons of 0.5% emulsion per 1,000 square feet. If mulch or debris is present, a higher volume application rate may be needed to ensure adequate coverage.
- Note: residential control will vary depending on exposure of the treated area to weathering conditions (temperature, sunlight, and moisture). Retreat on a monthly schedule while insects are likely to be active.

Wood Destroying Pests

- Localized Areas Outdoors: For the control of insects such as termites, bees, carpenter ants and wood infesting beetles in localized above-ground areas of infested wood around structures, apply a 0.5% emulsion to voids and galleries in damaged wood and in spaces between wooden members of a structure and between wood and foundations where wood is vulnerable. Apply either as a spray or paint-on application. For termites the purpose of application is to destroy workers or winged reproductive forms, which may be present at the time of treatment. This product is not designed for preventative use and should only be applied when pests appear. This application is not a substitute for soil or foundation treatment. For active infestations inside a structure, consult a licensed Pest Control Service.
- Use a hose-end sprayer or sprinkling can to deliver a coarse drenching spray to treat stored lumber or woodpiles. Stored wood can be used for lumber one month after treatment. Do not apply inside structures.
- Repeat treatment as necessary but not more frequently than once a month. For active termite infestation consult a professional Pest Control Applicator.

HOW TO APPLY

Mound Drench Treatment (Ant and Fire Ant Mounds in Lawns)

Use a sprinkling can. Mix 1.6 fluid oz. (3 1/4 Tablespoons) of PERMETHRIN 3.2 HOMEOWNER per 1 gallon of spray solution to make a 0.5% spray emulsion [1 fluid oz. = 2 Tablespoons (T) = 6 Teaspoons (tsp)]. For large ant mounds, such as Fire Ant mounds, apply 1-2 gallons of a 0.5% emulsion to each mound area including a 4 foot diameter circle around the mound. Apply to smaller mounds until the mound is completely saturated. Use higher water volume for mounds larger than 12".

Lawn Broadcast Application

- Apply using a hose-end or pressure type sprayer to deliver a coarse spray of between 4 to 25 gallons of emulsion per 1,000 sq. ft. of lawn.
- Use the higher recommended label rate for heavy pest infestations.
- Use sufficient volume to uniformly cover plant surface.

Note: High volume of water should be used when situations of thick thatch or dense sod exist, or in and or drought conditions.

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WHEN TO APPLY

- For best results treat in early morning or late evening hours, but not in the heat of the day.
- Spray evenly over the lawn when insects first appear.
- Repeat applications as necessary but not more frequently than every 10-14 days. Do not apply more than 1.6 fluid oz./1,000 sq. ft. per year.

SITE	PEST*	RATE	SPECIFIC APPLICATION INSTRUCTIONS
Lawns, residential including but not limited to St. Augustine, Bentgrass, Fescues, Buffalograss, Bahiagrass, Bluegrass, Perennial Ryegrass, and Centipede-grass	Ants Armyworms Billbugs Chiggers Chinchbugs Crickets Cutworms Earwigs Fruit Flea Fleas Leathoppers Millipedes Mole Crickets Sod Webworm Sowbugs Ticks (including Brown Dog Tick, and, Deer Tick, Western Blacklegged Ticks known to transport Lyme disease and Rocky Mountain Spotted Fever).	0.4 to 0.8 Fluid Ounces (2 1/2 to 5 tsp) per 1,000 sq. ft.	Apply using 4-25 gallons of spray volume/1,000 sq. ft. of lawn. Use higher volumes on St. Augustine, Buffalograss, Bermuda and Bahiagrass lawns. Use the higher rate for fast knockdown and increased residual control. Dense and excessive (greater than 3 inches) lawn height and arid conditions may require higher volume application rates. Repeat applications may be necessary (10 to 14 day interval) to control heavy infestations during peak periods of insect feeding. Do not exceed a total of 1.6 fl. oz/1,000 sq. ft. per year (i.e. four (4) applications at the lower rate or two (2) applications at the higher rate).

* For additional pests consult the list of pests under Outdoor Pests Controlled by PERMETHRIN 3.2 HOMEOWNER.

HOME-INVADING PESTS (OUTDOOR USE ONLY)

PEST	SPECIFIC APPLICATION INSTRUCTIONS
Ants (Incl. Mounds) Armyworm Bark Beetles Bees Beetles Borers Boxelder Bugs Carpenter Ants Carpenter Bees Centipedes Chinchbugs Cockroaches Cockroaches (Asian) Crickets Earwigs Elm Leaf Fire Ants (Incl. Mounds) Flies Firebrats Ground Beetles Gypsy Moths (adults & caterpillars) Millipedes Mole Crickets Pill Bugs Scorpions Silverfish Sod Webworm Sowbugs Spiders Ticks (Including Deer Tick, Western Black-legged Tick known to transport Lyme disease and Rocky Mountain Spotted Fever) Wasps	Boxelder Bugs, Elm Leaf Beetles and Gypsy Moth Caterpillars: Spray tree trunks, building siding or wherever pests congregate. Avoid excess application, dampen surfaces thoroughly, but do not let runoff occur. Borers and Bark Beetles: To prevent infestation of ornamental trees and wood shrubs, spray the bark to the point of saturation, but do not let runoff occur. Repeat treatment every 21 days during early spring until mid-summer. Carpenter Bees: Apply as a pin stream, as a fine/coarse low pressure spray (20 psi or less) as a spot treatment. Fire Ants (mound drench): Apply 1 to 2 gallons of emulsion to each mound area by sprinkling the mound until it is wet and treat a 4-foot diameter circle around the mound. Use higher volume for mounds larger than 12 inches. For best results, apply in cool weather, such as in early morning or late evening hours, but not in the heat of the day. Scorpions: Remove accumulations of lumber, firewood and other materials, which serve as harborage sites, and treat beneath and adjacent to infested sites.

LAWN PESTS

PERMETHRIN 3.2 HOMEOWNER can be applied to lawns adjacent to or around private homes, duplexes, townhouses, condominiums, house trailers, apartment complexes, carports, garages, fence lines, storage sheds, barns, and other residential areas where pests congregate.

MIXING INSTRUCTIONS

Prepare an emulsion by mixing 0.4 to 0.8 fluid oz. (2 1/2 to 5 teaspoons) of PERMETHRIN 3.2 HOMEOWNER in sufficient volume of water to cover 1,000 sq. ft. (approximately 4 to 25 gallons of water). [1 fluid oz = 2 Tablespoons (T) = 6 teaspoons (tsp.)]. Do not use utensils such as spoons and measuring cups for food purposes after use with pesticides.

ORNAMENTAL PESTS

Mixing Instructions

Mix 0.04 to 0.08 fluid oz. (= 1/8 to 1/4 teaspoons = 1-2 ml) of PERMETHRIN 3.2 HOMEOWNER in 1 gallon of water for general pest control. Refer to the Ornamental Application Rate Table for

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additional mixing instructions and for specific directions for stem-infesting beetles. [1 fluid oz. = 2 Tablespoons (T) = 6 teaspoons (tsp.) = 29.6 ml]. Do not use utensils such as spoons and measuring cups for food purposes after use with pesticides.

HOW TO APPLY

Ornamentals (Foliage and Flowering Plants)

- Apply using a hose-end or pressure type sprayer to deliver a coarse spray. Apply thoroughly to stem and foliage.
- Use the higher recommended label rate (1/4 tsp. per gal of water) for heavy pest infestations. Note: Higher volumes of water should be used when situations of dense foliage exists, or in arid or drought conditions.

WHEN TO APPLY

- For best results treat in early morning or late evening hours, but not in the heat of the day.
- Spray evenly over the lawn when insects first appear.
- To prevent insect reinfestation repeat treatment as necessary but not more frequently than once every 14 days.

RECOMMENDED APPLICATION RATES FOR USE ON ORNAMENTALS		
SITE	PEST	RATE
Ornamental foliage and flowering plants (Incl. Conifers, woody and herbaceous non-edible ornamentals.	Ants	0.4 to 0.8
	Bagworm	Fluid
	Cabbage	Ounces
	Looper	(1/8 to 1/4
	Citrus Thrips	tsp.)
	Fungus Gnat	(1 to 2 ml)
	Gypsy Moth and Seed bugs	per gal.
	Caterpillars	
	Heliothis spp	
	Lace Bug	
	Leaf Feeding	
	Caterpillars	
	Leafminers	
	Leaf rollers	
	Mealybugs	
	Nantucket	
	Pine Tip Moth	
	Pine Sawflies	
	Root Weevils	
	(Adult)	
	Spotted	
	Leafminer	
	Tent	
	Caterpillars	
	Whiteflies	
	Aphids	
	Beet	
	Armyworm	
	Cankerworms	
	Consworm	
	(Incl. Web)	
	and Seed	
	bugs	
	Japanese	
	Beetles	
	Leaffooted	
	Bugs	
	Leafhoppers	
	Lygus Bugs	
	Mosquitoes	
	Oblique	
	Leafroller	
	Plant Bugs	
	Rosy Aphid	
	Rose Chafer	
	Stink Bugs	
	Tarnished	
	Pant Bug	
	Webworms	
	Zimmerman	
	Pine Moth ¹	

SPECIFIC APPLICATION INSTRUCTIONS	
Note: Direct application to blooms may cause browning of petals.	
Marginal leaf burn may occur on Savia, Dieffenbachia and Ptartia Fern.	
Mosquitoes coming to rest on treated plants will be killed for varying periods of time after treatment, depending on exposure of treated areas to weathering conditions.	
¹ To control Webbing Coneworm make first application just prior to peak pollen flight. To control other Coneworms and Seed Bugs, make application 30 days prior to flower closure.	

TERMITE CONTROL (SUBTERRANEAN)
FOR USE ONLY AROUND EXISTING STRUCTURES. DO NOT USE INSIDE DWELLING.
NOT FOR PRECONSTRUCTION USE.

PERMETHRIN 3.2 HOMEOWNER may be used to establish an exterior soil barrier against termites around structures. The chemical concentrate is mixed as an emulsion and adequately dispersed in the soil to provide a continuous exterior barrier between wood in the structure and the termite colonies in the soil.

NOTE: A complete termite barrier may require treatment with other EPA registered products to the inside perimeter of the foundation and to other interior critical areas. For these areas, and if termites are found inside of the home, consult a Licensed Professional Pest Control Service for treatment.

PRECAUTION: When treating adjacent to an existing structure, the applicator must check the area to be treated, and immediately adjacent areas of the structure, for visible and accessible cracks and holes to prevent any leaks or significant exposures to persons occupying the structures. People present or residing in the structure during application must be advised to remove their pets and themselves from the structure if they see any signs of leakage. After application, the applicator is required to check for leaks. All leaks resulting in the deposition of termiticide in locations other than those prescribed on this label must be cleaned up prior to leaving the application site. Do not allow people or pets to contact contaminated areas or to reoccupy contaminated areas of the structure until the clean up is completed.

Do not treat soil that is water saturated or frozen in any conditions where run-off or movement from treatment area (site) is likely to occur.

MIXING INSTRUCTIONS

Using a sprinkler can add 3.2 fluid oz. (6.5 tablespoons) to 2 gallons of water (to make a 0.5% emulsion) for each 5 linear feet of treatment to be provided [1 fluid oz. = 2 tablespoons (T) = 6 teaspoons (tsp.)]. Do not use utensils such as spoons and measuring cups for food purposes after use with pesticides.

HOW TO APPLY

Trench Treatment
Remove all wood debris and wood forms. Around piers, chimney bases, and along foundations of poured concrete, dig a trench 8 inches wide and 4 inches deep. If footing is more than 12 inches deep make holes with a steel rod or pipe one foot apart that extend from the bottom of the trench to the top of the footing. Make holes closer in hard packed clay soils. **Never dig below the top of the footing.**

Apply a 0.5% emulsion at a rate of 4 gallons per 10 linear feet per foot of depth. Apply half of the emulsion when backfilling the trench. (One quart of PERMETHRIN 3.2 HOMEOWNER will make 20 gallons of 0.5% emulsion and treat 50 linear feet.)

Precaution: DO NOT treat structures that contain cisterns or wells. Soil in the vicinity of wells, cisterns or ponds or structures with sump pumps or French drains should not be treated. For those situations, contact your County Cooperative Extension Agent or consult a commercial pest control service.

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FENCE POSTS

Pre-installation: Using a sprinkler can pour 1/2 gallon of 0.5% spray emulsion into the fence post hole and add another 1/2 gallon in mixture with the soil when filling the hole so that all the soil is treated.

Post-installation: Installed poles and posts may be treated by first digging a trench around the post and applying 1 gallon of 0.5% emulsion per one foot depth of trench for posts less than 6 inches in diameter. For larger diameter posts increase the applicator rate to 4 gallons for each 10 linear feet of trench and per ft. of depth.

WHEN TO RE-APPLY

Retreatment for subterranean termites can only be performed if there is clear evidence of reinfestation or disruption of the barrier due to construction, excavation, or landscaping and/or evidence of the breakdown of the termiticide barrier in the soil. These vulnerable or reinfested areas may be retreated in accordance with application techniques described in this product's labeling. The timing and type of these retreatments will vary, depending on factors such as termite pressure, soil types, soil conditions and other factors, which may reduce the effectiveness of the barrier.

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

IMPORTANT! DO NOT use on vegetables or food crops. DO NOT treat pets with this product. DO NOT spray inside dwellings. DO NOT treat soil that is water saturated or frozen or in any conditions where run-off or movement from the treatment area is likely to occur. DO NOT apply when wind velocity favors drift.

NOTICE: Buyer assumes all risks of use, storage or handling of this product not in accordance with directions.

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

STORAGE AND DISPOSAL

PESTICIDE STORAGE: Store in original containers only. Store in a cool, dry place, preferably in a locked storage area and avoid excess heat. Carefully open containers. After partial use replace lid and close tightly. Do not put concentrate or dilute material into food or drink containers. 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 pour unused product down any indoor or outdoor drain.

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