

499-303

10/12/2005

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Ms. Janna Heubner
Whitmire Micro-Gen Research Labs, Inc.
3568 Tree Court Industrial Blvd.
St. Louis, MO 63122-6682

OCT 12 2005

Subject: Amendment: Add bedbug directions and revise per PR notice 2001-6
Whitmire PT 600A OPTEM Insecticide
EPA Registration Number 499-303
Your submission dated March 10, 2005

Dear Ms. Heubner:

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(a), is acceptable provided that you:

1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling
 - a. The directions for use against bedbugs should be clarified. The last sentence of the directions states "Also treat other areas where bedbugs may be harboring." The user may be unfamiliar with bedbug biology, please specify the areas to treat (cracks and crevices, around molding and baseboards, window casings, curtains, etc.in the room.).
 - b. Delete the proposed expanded directions for mosquitoes. The modification to the directions for use to include mosquitoes is not acceptable for the following reasons:
 - a) The proposed directions indicate that the product (an aerosol) may be used in fogging or misting equipment. The directions also state that the product may be applied as a wet spray. These are not appropriate directions for this formulation.

- b) Data have neither been submitted , nor cited, in support of mosquito control claims for this product. You may wish to submit or cite relevant data for the subject formulation in order to include the desired expanded use directions.
- 3) Please submit an updated data matrix (EPA Form 8750-35) to include efficacy data; No data have been cited in support of any claims against pests of public health importance. No data matrix on file for is product, including the current data matrix (submitted March 11, 2005), include efficacy data for the numerous pests of significant economic or public health importance that are included on the product label (including, but not limited to, Carpenter ants, Centipedes, Cockroaches, Flies, Mosquitoes, Scorpions, Spiders, Ticks, Wasps, and Yellowjackets).

A stamped copy of the label is enclosed for your records. Please submit four copies of the amended labeling bearing the above revisions before you release the amended label for shipment. Please submit the requested updated data matrix (item 3, above) within 30 days.

Sincerely,

George LaRocca.
Product Manager 13
Insecticide Branch
Registration Division (7505C)

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WHITMIRE PT® 600A

**OPTEM
INSECTICIDE**

[Alternate Brand Name: Prescription Treatment® brand CY-KICK® CS Pressurized Crack & Crevice Residual]

For use by Commercial Applicators Only.

KILLS:

Ants, Aphids, Armyworms, Bedbugs, Bees, Beetles, Bugs (Boxelder, Lace and Plant) Carpenter Ants, Carpenter Bees, Carpet Beetles, Caterpillars, Centipedes, Clover Mites, Cockroaches, Crickets, Earwigs, Firebrats, Flies, Flour Beetles (Confused, Red, Saw-toothed), Fruitworm, Fungus Gnat Larvae, Grasshoppers, Leafminers, Leafrollers, Loopers, Hornets, Indian Meal Moths, Mediterranean Flour Moths, Millipedes, Mosquitoes, Psylla, Rice Weevils, Scale Insects, Scorpions, Silverfish, Sowbugs, Spiders, Thrips, Ticks, Wasps and Yellowjackets.

FOR USE IN AND AROUND:

Apartments, Homes, Hospitals, Hotels, Food/feed Handling Establishments, Restaurants, Hotels, Hospitals and Nursing Homes (Non-patient Areas), Motels, Hobby Greenhouses, Interiorscapes, Office Buildings, Schools*, Transportation Equipment (Buses, Boats, Ships, Trains, Planes†) and Warehouses and Other Commercial and Industrial Buildings.

* Do not apply to classrooms when in use.

† Do not use in aircraft cabins.

ACTIVE INGREDIENT:

Cyfluthrin:..... 0.1%

OTHER INGREDIENTS:..... 99.9%

Contains petroleum distillate. TOTAL: 100.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID

IF IN EYES: Hold eye open and rinse slowly and gently 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.

IF SWALLOWED: 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: 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 INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also call 1-800-225-3320 for emergency medical treatment.

NOTE TO PHYSICIAN: This product contains petroleum distillates. Do not induce vomiting. Vomiting may pose an aspiration pneumonia hazard.

See side panel for additional Precautionary Statements.

EPA Reg. No. 499-303 • EPA Est. No. 499-MO-1

NET WEIGHT:



WHITMIRE MICRO-GEN
RESEARCH LABORATORIES, INC.
800-777-8570

**ACCEPTED
with COMMENTS
In EPA Letter Dated:
OCT 12 2005**

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
499-303**

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.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

PHYSICAL OR CHEMICAL HAZARDS

Flammable. Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Do not use or store near heat or open flame. Exposure to temperatures above 130°F may cause bursting. Do not spray directly into any electronic equipment such as radios, televisions, computers, etc. Do not spray where electrical short circuits might result, such as in wall outlets, conduits, motors, switches, etc. Product should only be used when can temperature is above 60°F. If can temperature is below 60°F, store at room temperature until a temperature above 60°F is reached.

DIRECTIONS FOR USE

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

SHAKE WELL BEFORE USING

See additional labeling for complete Directions for Use.

Avoid contamination of food, utensils, and food preparation areas. Keep children and pets off treated areas until spray has dried. Do not use in classrooms while in use. Do not use in rooms while occupied by the elderly or infirm. Reapplications may be made at 10 day intervals.

HOW TO USE WHITMIRE MICRO-GEN CRACK AND CREVICE® INJECTION SYSTEM

CRACK AND CREVICE® TREATMENTS: Use Whitmire PT 600A only with the supplied actuator and injection tubes or other Whitmire Micro-Gen equipment. Inject PT® 600A into cracks and crevices or void spaces where insects may be harboring, living and breeding. Place injector tip into cracks, crevices, holes and other small openings. Release approximately one-second of product. For light infestations move injector tip along cracks while treating at the rate of three linear feet per second. For heavy infestations move injector tip along at one linear foot per second. For closed voids calculate the void's cubic area and treat at the rate of five to ten seconds per three cubic feet. Several holes may be required in long running voids.

SPOT TREATMENTS: To make a spot treatment release product onto the surface. Do not exceed 2 sq. ft. for each spot treatment.

INDOOR TREATMENTS

Crawling Insects - Cockroaches, Spiders, Waterbugs, Silverfish, Crickets, Firebrats: Apply as a spot treatment and/or Crack and Crevice treatment into hiding places such as cracks and crevices, moist areas, and openings around pipes. Treat floors, walls, under pallets, behind shelves and drawers. Apply directly on insects in these locations where possible.

Ticks: Thoroughly treat infested and egg laying sites near pet resting areas such as cracks and crevices, behind baseboards, door and window frames.

Booklice & Silverfish: Inject into cracks and crevices associated with baseboards, door frames, bookcases and other harborage sites.

Ants: Treat trails, nests and points of entry around doors, book cases and storage areas. Apply directly on insects in these locations where possible.

BEDBUGS: Take bed apart. Treat joints and channels if hollow, such as square or round tubing, and see that interior framework is treated. Treat mattresses, especially tufts, folds and edges. Also treat other areas where bedbugs may be harboring.

Carpet Beetles: Make applications on and under edge of floor coverings, under carpets and furniture and in closets or other localities where these insects are found.

Stored Product Pests: Make spot and/or Crack and Crevice treatment to localized areas including shelves, cupboards, walls and floors where food products suspected of being infested are stored. Remove or cover food before treatment. This treatment is supplemental to good housekeeping, since it will have no effect on insects within packaging. Infested food packaging should be destroyed.

FOOD HANDLING ESTABLISHMENTS

Applications of Whitmire PT 600A are permitted in both food/feed and non-food/feed areas of food/feed handling establishments as spot treatments or Crack and Crevice treatments. Food/feed handling establishments are defined as places other than private residences in which exposed food/feed is held, processed, prepared or served. Food/feed areas are areas for receiving, storing, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing

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systems (mills, dairies, edible oils, syrups) of food. Serving areas where food is exposed and the facility is in operation are also considered food areas.

Spot And Crack and Crevice Application: Spot or Crack and Crevice applications may be made while the facility is in operation, except in Federally inspected meat and poultry plants. Food should be covered or removed from area being treated. Do not apply directly to food or food-handling surfaces. May be used in federally inspected meat and poultry plants.

INDOOR AND OUTDOOR TREATMENTS

Carpenter Ants: Locate source of infestation. Inject 5-10 seconds of product into insect tunnels and cavities. Treat trails, points of entry or exits from voids such as around doors and windows. Treatment of trails on tree trunks or fences is permitted.

For Active and Hibernating Stages of Boxelder Bugs, Elmleaf Beetles, Cluster Flies and Clover Mites: Inject cracks and crevices and/or voids where these insects may be harboring or hibernating. Infested areas include, but are not limited to, cracks and crevices, behind siding, wall voids, around window and door frames.

OUTDOOR TREATMENTS

Flying Insects: Treat outside surfaces of screens, doors, window frames or wherever these insects may enter the room. Also treat surfaces around light fixtures on porches, in garages, and other places where insects light or congregate.

Treat normal fly resting areas such as ceilings, upper corners of the area, around windows and doors, light fixtures and other surfaces known to attract flies. Hold can one to two feet from target surface and apply at the rate of one 16 oz. can per 200-300 square feet [Alternate Language: "...one 20 oz. can per 250-375 square feet..."] of surface area. Treat so as to lightly moisten the target surface. For best results initiate treatment at the beginning of the fly season and repeat weekly during periods of heavy fly activity.

MOSQUITO CONTROL OUTDOORS: To control adult mosquitoes, use fogging or misting equipment, or apply as a wet spray. Treat shrubbery, vegetation and other areas where mosquitoes may rest. Shrubby and vegetation around stagnant pools, marshy areas, ponds and shorelines may be treated, but direct application of this product to any body of water is prohibited.

Carpenter Bees: Locate entrance holes. Inject 5 - 10 seconds of product into entrance holes. Seal bee entrances after application.

Perimeter Treatment: For crawling insects, apply PT 600A to cracks and crevices where insects may enter premises. Areas to be treated include, but are not limited to, weep holes, under siding, wall voids, soffits, around attic vents, cracks and crevices, openings around windows, doors and pipes. Treatment of infested fences and tree holes is permitted.

To help prevent infestations of buildings treat a band of soil 6 to 10 feet wide around and adjacent to the building. Also, treat the building foundation to a height of 2 to 3 feet where pests are active and may find entrance. A rate of 14 seconds per 100 square feet is desirable.

Crawling Insects: For treatment of localized infestations of these insects in outdoor areas which are landscaped, planted, mulched or unmaintained, treat infested areas. For ants, wet hills and runways. Treatment of infested fences and tree holes is permitted.

Treatment for in Ground Service Boxes: Ants, Centipedes, Clover Mites, Cockroaches, Crickets, Earwigs, Fire Ants, Millipedes, Scorpions, Silverfish, Sowbugs, Spiders (such as Black Widow and Brown Recluse), Springtails. Use actuator or other Whitmire equipment to treat open boxes and exposed surfaces. Do not contact any electrical wiring or mechanical parts of meter.

STORAGE AND DISPOSAL

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

STORAGE: Store in a cool area away from heat or open flame.

PESTICIDE DISPOSAL: Waste resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Do not puncture or incinerate! Empty container by using the product in accordance with the label directions. Offer empty container for recycling, if available, or place in trash if allowed by state and local regulations. If container is partly full, contact your local solid waste agency or call 1-800-CLEANUP for disposal instructions.

Contains no CFCs or other ozone depleting substances. Federal regulations prohibit CFC propellants in aerosols.



A Prescription Treatment® brand insecticide from:
Whitmire Micro-Gen Research Laboratories, Inc.
3568 Tree Court Industrial Blvd.
St. Louis MO 63122-6682
www.wmmg.com

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ORNAMENTALS

KILLS: Aphids, Armyworms, Bees, Beetles, Bugs (Boxelder, Lace and Plant) Centipedes, Clover Mites, Crickets, Earwigs, Firebrats, Flies, Fruitworm, Fungus Gnat Larvae, Grasshoppers, Leafminers, Leafrollers, Loopers, Millipedes, Mosquitoes, Psylla, Scale Insects, Scorpions; Sowbugs, Spiders, Thrips, Wasps and Yellowjackets.

INDOOR TREATMENTS

(Hobby Greenhouses, Homes, Interiorscapes)

FOR USE ON, BUT NOT LIMITED TO:

Bedding and garden plants (such as): Impatiens, Marigolds, Petunias, Geraniums, and Garden Mums.

Cut flowers (such as): Roses, Chrysanthemums, Carnations, Snapdragons, and Orchids.

Flowering hanging baskets (such as): Fuchsia, Lantana, New Guinea Impatiens, Ivy, and Geraniums.

Foliage (such as): Boston Fern, Dracaena, Ficus, Schefflera, and Philodendron.

Potted flowering plants (such as): Poinsettia, Chrysanthemums, Florist's Azaleas, Lilies, African Violets, Geraniums, Hibiscus, Kalanchoes, and Begonias.

For light infestations treat at five seconds per 100 square feet. For heavy infestations treat at ten seconds per 100 square feet. Dosage is based on 2 foot high plants. Higher or lower dosage should be used based on height of foliage. Move can in a fast sweeping motion to provide maximum coverage maintaining a distance of 18 to 24 inches away from foliage.

Spot Treatment: For individual plants and localized infestations, treat with a light mist on upper and lower leaf surfaces at a distance of 18-24 inches from foliage. Avoid foaming foliage. Treat rows at the rate of one foot per second. For heavy growth treat on both sides.

OUTDOOR TREATMENTS

(Landscapes, Ornamental Plants, Shrubs)

FOR USE ON, BUT NOT LIMITED TO:

Flowering Plants (such as): Alyssum, Begonia, Chrysanthemum, Geranium, Impatiens, Ivy, Marigold, Mock-Orange, Periwinkle, Petunia, Salvia, Snapdragon, Zinnia.

Woody Ornamentals (such as): Azalea, Camellia, Euonymus, Honeysuckle, Juniper, Lilac, Rhododendron, Rose.

Trees (such as): Blue Spruce, Dogwood, Maple, Oak

Do not treat vegetable gardens. For best results, treat when air is still. Use slow sweeping motion, holding the can 18-24 inches from plant. Avoid foaming foliage. Treat rows at the rate of one foot per second. For heavy growth treat on both sides.

PLANT SAFETY NOTICE

This product has been tested on a wide variety of plants and in our opinion has demonstrated excellent plant safety. However, not all varieties or strains of the plants listed have been tested. Unintentional consequences such as crop injury or ineffectiveness may result because of certain environmental or growing conditions, manner of use or application, and insect resistance. Therefore, before treating a large number of plants, spray a few plants and observe for plant damage and for performance prior to full scale application. All risks shall be assumed by the user.