

499-548

11-08-2011

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs  
Registration Division (7504P)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460-0001

EPA Reg. Number:

499-548

Date of Issuance:

NOV 8 2011

NOTICE OF PESTICIDE:

Registration  
 Reregistration  
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Whitmire Micro-Gen TC-314

Name and Address of Registrant (include ZIP Code):

Whitmire Micro-Gen Research Laboratories, Inc.  
3568 Tree Court Industrial Boulevard  
St. Louis, MO 63122-6682

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA).

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with section 3(c)(7)(A) of FIFRA provided that you:

1. Submit and/or cite all data required for registration of your product under section 3(c)(5) of FIFRA when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under section 4 of FIFRA.

(continued on page 2)

Signature of Approving Official:

Refer to Page #4.

Richard J. Gebken, Product Manager (10)  
Insecticide Branch, Registration Division (7504P)

Date:

NOV 8 2011

2. Make the following change to the label:

- a. Change the product registration number to "EPA Reg. No. 499-548"
- b. Make the following label revisions:

General Statement(s):

- 1. Delete all text throughout the label marked with "~~strikethrough.~~"
- 2. At the top of page 1 of 3, insert the following text immediately preceding the subsection starting with "**KILLS: Ants, (including ...**" as follows: "**For sale to, use and storage only by individuals/firms licensed or registered by the state to apply termiticide and/or general pest control products.**"

Precautionary Statements, HOT LINE NUMBER subsection comment(s):

- 3. To facilitate incorporation of required label language per the Agency's Label Review Manual, insert the following text immediately preceding the "**ENVIRONMENTAL HAZARDS**" subsection to read:

**"HOT LINE NUMBER:**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. **For additional information on this product (including health concerns, medical emergencies or pesticide incidents), you may also call 1-800-832-HELP (4357), twenty-four (24) hours per day, seven (7) days per week.**"

Precautionary Statements, Personal Protective Equipment (PPE) subsection comment(s):

- 4. To facilitate incorporation of required label language taken directly from the comparison product for this application (Prescription Treatment® brand Phantom® Pressurized Insecticide; EPA Reg. No. 241-392), you must add the following text immediately following the newly inserted "**HOT LINE NUMBER**" subsection from Item #3 above:

**"PERSONAL PROTECTIVE EQUIPMENT (PPE):** Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for **Category B** on an EPA chemical resistance category selection chart.

**All pesticide handlers (mixers, loaders, and applicators) must wear:**

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as barrier laminate, butyl rubber or nitrile rubber, neoprene, or polyvinyl chloride (PVC), or viton (≥ 14 mils)
- Socks plus shoes

**User Safety Requirements**

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**User Safety Recommendations**

Users should:

- Wash hands thoroughly after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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."

Directions for Use, USE RESTRICTIONS subsection comment(s), bottom of page 2 of 3:

- 5. Revise the "**USE RESTRICTIONS**" subsection to read:

**"USE RESTRICTIONS**

- Apply this product only as specified on this label.
- **This product is for sale to, use and storage only by individuals/firms licensed or registered by the state to apply termiticide and/or general pest control products.**
- Do not compost any discarded plant materials that have been treated with this product.
- Do not make applications during rain.
- Do not reapply to treated areas more than 1x per every 4 weeks.

Directions for Use, USE RESTRICTIONS subsection comment(s), continued:

- Do not allow adults, children or pets to enter until vapors, mists and/or aerosols have dispersed, and the treated area has been thoroughly ventilated. Do not contact treated surfaces until dry.
- When used in schools: Do not apply to classrooms while in use. Allow treated areas to dry thoroughly before re-occupying.
- When used in hospitals and nursing homes: Remove patients before treating rooms. Allow treated areas to dry thoroughly before returning patients to rooms.
- When using in homes: Remove or cover exposed food and drinking water, in the treatment area, before application. Remove or cover dishes, utensils, food processing equipment and food preparation surfaces, or wash them before use. Do not use in serving areas while food is exposed.
- When using in food areas of food handling establishments: **Applications are limited to spot and/or crack & crevice treatments.** Do not make applications when facility is in operation. Avoid contamination of food or feedstuffs. Do not apply directly to food, food packaging, or food contact surfaces. During applications, cover or remove food, and cover food processing surfaces and equipment, or clean after treatment with a suitable detergent and rinse with potable water before use. Do not use in serving areas (dining areas where prepared foods are served) while food is exposed or facility is in operation.
- Do not apply directly into sewers or drains, or to any area like a gutter where drainage to storm sewers, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.
- When used in zoos: Remove animals and cover or remove animal food/water prior to application.
- Remove pets, and cover or remove pet food/water and fish bowls before application.”

Directions for Use, SPOT TREATMENT section comment(s), top of page 2 of 3:

6. Revise the 5<sup>th</sup> sentence within the “**SPOT TREATMENT:**” subsection to read “Limit individual spot treatments to an area no larger than 2 ft<sup>2</sup> per room.”

Directions for Use, BED BUGS subsection comment(s), middle of page 2 of 3:

7. To facilitate incorporation of required label language per the efficacy review that was completed in support of this application, revise the “**BED BUGS:**” subsection to read “Apply to cracks, crevices, voids, and/or harborages, where evidence of bed bugs occurs, including bed frames, box springs, inside empty dressers, furniture and clothes closets, carpet edges, high and low wall moldings, behind headboards, pictures, and wallpaper edges. Do not make surface applications to mattresses or bedding. Mattress treatments must be limited to seams, folds, and edges only. Do not treat pillows, bedding, or clothing. Remove linens and wash before reuse. Allow treated mattress to dry thoroughly before remaking bed. Remove all clothes and other articles from dressers or clothes closets before application. Allow all treated areas to dry thoroughly before use.”

Directions for Use, FOOD HANDLING ESTABLISHMENTS subsection comment(s), middle of page 2 of 3:

8. Within the 3<sup>rd</sup> paragraph of the “**FOOD AREAS:**” subsection, revise the 2<sup>nd</sup> sentence to read “Limit individual spot treatments to an area no larger than 2 ft<sup>2</sup> per room.”
9. Within the last sentence of the “**NON-FOOD AREAS:**” subsection, revise the word “selective” to read “selected.”

Directions for Use, INTERIOR/EXTERIOR TREATMENTS subsection comment(s), bottom of page 2 of 3:

10. Revise the subsection heading “**INTERIOR/EXTERIOR TREATMENTS**” to read “**FOR INTERIOR/LIMITED EXTERIOR APPLICATION OF STRUCTURES AS A CRACK & CREVICE OR SPOT TREATMENT**”
11. Revise the 1<sup>st</sup> sentence within the “**CRAWLING INSECTS**” subsection to read “Apply as a crack & crevice or spot treatment into cracks and crevices where insects may enter premises or harbor such as weep holes, under siding, wall voids, soffits, around attic vents, cracks, crevices, openings around windows, doors and pipes, and exterior areas where utilities may enter the structure.”

Storage & Disposal section comment(s), top of page 3 of 3:

12. Revise the “**PESTICIDE STORAGE:**” subsection, to read “Store in a cool, dry (preferably locked) place away from heat or open flame that is inaccessible to children and pets.”

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Data Deficiencies:

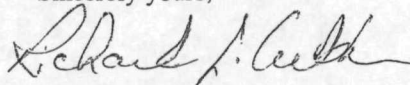
13. Data deficiencies were identified for storage stability and corrosion characteristics data as part of the product chemistry review completed for this product. Therefore, Whitmire Micro-Gen Research Laboratories, Inc. is obligated to submit a One Year Storage Stability (830.6317) study and a Corrosion Characteristics (830.6320) study on this product in support of this registration within one (1) year from the date of this registration.<sup>1</sup>

3. Submit two (2) copies of the final printed labeling, incorporating the above changes, before releasing the product for shipment.

Should you wish to add/retain a reference to the company's website on your label, please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under section 12(a)(1)(E) of FIFRA. 40 CFR section 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not be substantially differ from those claims approved through the registration process. Therefore, should the Agency find, or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to EPA's Office of Enforcement and Compliance Assurance (OECA). As an alternative, you may refer consumers to the company's phone number or e-mail address.

A copy of your label stamped "Accepted with Comments" as well as hard copies of the efficacy, acute toxicity and product chemistry reviews completed for this product are attached for your reference and file. If you have any questions, please contact Mr. Carmen J. Rodia, Jr. at (703) 306-0327 or via e-mail at [Rodia.Carmen@epa.gov](mailto:Rodia.Carmen@epa.gov).

Sincerely yours,



Richard J. Gebken  
Product Manager (10)  
Insecticide Branch  
Registration Division (7504P)

*Enclosures:*

- Copy of label stamped "Accepted with Comments"*
- Copy of efficacy review, dated November 8, 2011*
- Copy of acute toxicity review #1, dated April 5, 2011*
- Copy of acute toxicity review #2, dated October 19, 2011*
- Copy of product chemistry review #1, dated April 15, 2011*
- Copy of product chemistry review #2, dated October 14, 2011*

000499-00548 D441191

<sup>1</sup> For more detailed information, please refer to page 5 of 5 of product chemistry review #2 for this product.

MASTER LABEL

TC-314

ACCEPTED  
With COMMENTS  
In EPA Letter Dated: (dmt)

November 8, 2011

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

499-548

[ALTERNATE BRAND NAME: ???]

**KILLS:** Ants (including *foraging* Fire, Harvester and Pharaoh), Asian Lady Beetles, Bed Bugs, Bees (Honey), Beetles, Boxelder Bugs, Carpenter Bees, Centipedes, Cluster Flies, Cockroaches, Crickets, Dermestids, Drain Flies, Earwigs, Elm Leaf Beetles, Flour Beetles, Grain Weevils, House Flies, Indianmeal Moths, Pillbugs, Silverfish, Spiders (excluding Brown Recluse), Springtails, Stable Flies, Stink Bugs, Termites\* (Subterranean), Wasps and Yellowjackets

\* Not a substitute for mechanical alteration, soil or foundation treatment.

**FOR USE IN AND AROUND:** Apartments, Food Storage Areas, Homes, Hospitals, Hotels, Meat Packing and Food Processing Plants, Motels, Nursing Homes, Restaurants and other Food Handling Establishments, Schools, Supermarkets, Warehouses and other Commercial and Industrial Buildings

**ACTIVE INGREDIENT:**

Chlorfenapyr: 4-bromo-2-(4-chlorophenyl)-1-(ethoxymethyl)-5-(trifluoromethyl)-1H-pyrrole-3-carbonitrile ..... 0.5%

**OTHER INGREDIENTS:** ..... 99.5%

TOTAL: 100.0%

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

[See side panel(s) for Precautionary Statements, Directions for Use and Storage and Disposal.]

EPA Reg. No. 499-LUI • EPA Est. No. 7969-MO-1

NET WEIGHT: \_\_\_\_\_

**PRECAUTIONARY STATEMENTS**

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to aquatic organisms, birds and wildlife. Do not apply directly to water or to areas where surface water is present or intertidal areas below the mean high water mark.

**PHYSICAL OR CHEMICAL HAZARDS**

**Flammable.** Contents under pressure. Keep away from heat, sparks and open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Do not spray directly into any electronic equipment such as radios, televisions, computers, etc. due to the possibility of short circuits or shock hazard. Test on a small surface prior to use, as spray may mar plastic, painted or varnished surfaces.

**DIRECTIONS FOR USE**

**IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.**

**USE RESTRICTIONS**

- Do not reapply to treated areas more than 1x every 2 weeks.
- Do not contact treated surfaces until dry.
- Do not contaminate food or food contact surfaces.
- In the home, cover or remove exposed food, in the treatment area, prior to application. Cover all food processing surfaces and utensils, in the treatment area, or thoroughly wash before use.
- Remove pets and cover or remove pet food/water and fish bowls prior to application.
- Applications in food areas of food handling establishments are limited to spot and/or crack and crevice. Cover exposed food or remove prior to application. Do not apply to directly to food, food packaging or food contact surfaces.
- In hospitals and nursing homes remove patients before treating rooms. Allow treated areas to dry thoroughly before returning patients to rooms.
- In schools, do not apply to classrooms when in use. Allow treated areas to dry thoroughly before reoccupying.
- Do not apply in transportation equipment.

**CRACK & CREVICE® TREATMENT:** Use with the supplied actuator and injection tubes or other Whitmire Micro-Gen equipment. Inject 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 approx. 1 sec of product. For light infestations, move injector tip along cracks while treating at the rate of 3 linear ft/sec. For heavy infestations, move injector tip along at 1 linear ft/sec. For closed voids, calculate the void's cubic area and treat at the rate of 1 – 5 sec/3ft<sup>3</sup>. Several holes may be required in long-running voids.

**SPOT TREATMENT:** Use with the supplied actuator and injection tubes or other Whitmire Micro-Gen equipment. Hold container upright while spraying. Direct nozzle approximately 12" from surface to be treated. Apply directly on insects in these locations when possible. Limit individual spot treatments to an area no larger than ~~20% of the treated surface. Individual spot treatments should not exceed~~ 2ft<sup>2</sup>.

Before spot treating on plastic, painted or varnished surfaces, test a small, inconspicuous area and observe for staining or damage to finish.

**INDOOR TREATMENTS**

**CRAWLING PESTS [including Centipedes, Cockroaches, Crickets, Dermestids, Earwigs, Sowbugs and Spiders (excluding Brown Recluse)]:** Apply as a Crack & Crevice treatment using the prescribed amount into cracks, crevices and void spaces where pests may harbor, nest, trail, run or hide, including openings around pipes and sinks, under refrigerators, behind baseboards, washing machines, stoves, cabinets, sewers, floor drains and meter boxes. Spot treatments may also be made to areas such as storage areas; closets; around water pipes, doors and windows; around refrigerators, cabinets, sinks, stoves and other equipment; shelves and drawers.

**BOOKLICE & SILVERFISH:** Apply as a Crack & Crevice treatment into cracks and crevices of baseboards, door frames, bookcases and other harborage sites. Spot treatments may also be made to areas such as storage areas; closets; around water pipes, doors and windows; around refrigerators, cabinets, sinks, stoves and other equipment; shelves and drawers.

**ANTS (including *foraging* Fire, Harvester and Pharaoh):** Apply as a Crack & Crevice treatment into cracks, crevices and voids where ants may harbor, nest, trail, run or hide, including around doors, window frames, wall voids and other structural cracks and crevices. Spot treatments may also be made to areas such as storage areas; closets; around water pipes, doors and windows; around refrigerators, cabinets, sinks, stoves and other equipment; shelves, drawers and similar areas.

**BED BUGS:** Remove bedding and laundry before reusing. Apply to cracks, crevices and voids where evidence of bed bugs occurs as well as harborages. This includes bed frames, box springs, inside empty dressers, furniture and clothes closets, carpet edges, high and low wall moldings, behind headboards, pictures and wallpaper edges. Treatment of mattresses must be confined to seams, folds, under buttons and edges. Do not treat pillows, bedding or clothing. Remove all clothes and other articles from dressers or clothes closets before application. Allow all treated areas to dry thoroughly before use.

**CHOCOLATE MOTHS, DRUGSTORE BEETLES, FLOUR BEETLES, GRAIN WEEVILS, INDIANMEAL MOTHS, TROGODERMAS (in exposed adult and larval stages):** Apply into cracks, crevices and/or voids where these pests may harbor such as cracks and crevices in cabinets and pantries, wall voids, around window and door frames, and in machinery. Spot treatments may also be made to areas such as storage areas; closets; around water pipes, doors and windows; around refrigerators, cabinets, sinks, stoves and other equipment; shelves, drawers and similar areas

**DRAIN FLIES:** Release approx. 1 – 2 sec of product into the drain basin.

**FOOD HANDLING ESTABLISHMENTS**

Food handling establishments are places other than private residences in which food is held, processed, prepared or served.

**FOOD AREAS:** Includes areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas (when food is exposed and facility is in operation) are also considered food areas.

Apply as a Crack & Crevice treatment or spot treatment directly into cracks, crevices, voids or onto surfaces where insects harbor, nest, trail, run or hide. Use an injection tube or other Whitmire Micro-Gen equipment capable of delivering a pinstream. Apply to different elements of construction; between equipment and floor; openings leading to hollow spaces in walls, equipment legs and bases; and where insects hide or nest. ~~Cover or remove exposed food prior to application. Do not apply directly to food.~~

Reapplication may be made at 2 week intervals. Limit individual spot treatments to an area no larger than ~~20% of the treated surface.~~ ~~Individual spot treatments should not exceed~~ 2ft<sup>2</sup>.

**NON-FOOD AREAS:** Includes areas such as garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage areas (after canning or bottling).

Apply as a Crack & Crevice treatment or spot treatment to selective surfaces such as baseboards and under elements of construction.

**INTERIOR / EXTERIOR TREATMENTS**

**FOR ACTIVE AND HIBERNATING STAGES OF ASIAN LADY BEETLES, BOXELDER BUGS, CLUSTER FLIES, ELM LEAF BEETLES, HONEY BEES, STINK BUGS, WASPS AND YELLOWJACKETS:** Apply as a Crack & Crevice or spot treatment into cracks, crevices and/or voids where these insects may harbor, congregate or hibernate such as cracks and crevices, behind siding, wall voids, around window and door frames.

**CARPENTER BEES:** Locate entrance holes. Treat galleries through entrance holes. Seal bee entrances after application.

**CRAWLING INSECTS (including Centipedes, Crickets, Earwigs, Pillbugs, Springtails):** Apply as a Crack & Crevice or spot treatment into cracks and crevices where insects may enter premises or harbor such as weep holes, under siding, wall voids, soffits, around attic vents, cracks, crevices and openings around windows, doors and pipes. ~~Treatment of infected fences and tree holes is permitted.~~

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**FLIES (House & Stable):** Apply as a Crack & Crevice or spot treatment to areas where flies rest, congregate or enter the structure on both the exterior and interior. Apply around doors, windows, garages, garbage storage areas, upper corners of walls, ceiling areas, around sky lights, light fixtures and similar areas.

**TERMITES (Subterranean):** This product is for localized treatment only and is not designed as a stand alone treatment. It is designed to kill the termites it contacts during application and the ones that might return to the treated area. Inject into cracks, crevices and voids where termites are known or suspected. For wood treatment, drill a hole every 8 – 12" across the face of the board and inject 1 – 3 sec of product into the gallery. (Specialized equipment is required for this application). For treating carton, inject for 3 – 5 sec at several locations if possible.

## STORAGE & DISPOSAL

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

**PESTICIDE STORAGE:** Store in a cool, dry area away from heat or open flame and inaccessible to children.

**PESTICIDE DISPOSAL:** Wastes 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! **If Empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions.

Contains no CFCs or other ozone depleting substances.

Federal regulations prohibit CFC propellants in aerosols.



## CONDITIONS OF SALE AND WARRANTY

Follow the **Directions for Use**. It is impossible to eliminate all risks inherently associated with use of this product, and therefore all such risk shall be assumed by the Buyer. Whitmire warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use**, subject to the inherent risks, referred to above. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW: (A) WHITMIRE MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY, (B) BUYER'S EXCLUSIVE REMEDY AND WHITMIRE'S AND SELLER'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT, AND (C) WHITMIRE AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, INCIDENTAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. Whitmire and the Seller offer this product, and the Buyer accepts it, subject to these **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of Whitmire.

Manufactured for:  
Whitmire Micro-Gen Research Laboratories, Inc.®  
by BASF Corporation  
3568 Tree Court Industrial Blvd.  
St. Louis MO 63122-6682  
Questions? Call 1-800-777-8570

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