

499-561

06/27/2012

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U S ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505C)
Ariel Rios Building
1200 Pennsylvania Ave , NW
Washington, D C 20460

EPA Reg Number

499-561

Date of Issuance

JUN 27 2012

Term of Issuance

Unconditional

Name of Pesticide Product

TC 315

NOTICE OF PESTICIDE

x Registration
Reregistration
(under FIFRA as amended)

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/reregistered under the Federal Insecticide Fungicide and Rodenticide Act 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 unconditionally registered in accordance with FIFRA sec 3(c)(5) provided that you

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

2 Submit one year storage stability (830 6317) and corrosion characteristics (830 6320) studies These studies can be run concurrently Observation must be made at 0, 3, 6, 9, and 12 months period and the results must be submitted to the Agency upon completion These studies must be submitted within 15 months from today's date

3 Make the following label changes

a Add the phrase "EPA Registration Number 499-561" to the front panel

Signature of Approving Official

[Handwritten signature]

Date

JUN 27 2012

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EPA Reg No 499-561

b There is a typographical error in the CONTAINER DISPOSAL statement for refillable plastic bottle under STORAGE AND DISPOSAL Change "wast" to "waste" in the second to last sentence

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec 6(e) Submit one copy of the revised final printed label before you release the product for shipment Your release for shipment of the product constitutes acceptance of these conditions

A stamped copy of the label is enclosed for your records Copies of product chemistry, acute toxicity, and efficacy reviews were sent to you by e-mail If you have any questions, contact Rita Kumar at (703) 308-8291, or kumar.rita@epa.gov

Sincerely,

John Hebert
Product Manager 1
Insecticide Rodenticide Branch
Registration Division (7505P)

Enclosure

TC-315

[ALTERNATE BRAND NAME Prescription Treatment® brand Alpine® WSG]

KILLS Ants (including Argentine Carpenter, Harvester, Odorous House, Red Imported and Southern Fire, excluding Pharaoh), Asian Lady Beetles, Bean Plataspid (= Kudzu Bug), Bed Bugs, Brown Marmorated Stink Bugs, Centipedes, Collembola, Crickets, Earwigs, Fleas, German Cockroaches, House Flies, Millipedes, Mosquitoes (*Anopheles*), Paper Wasps, Pillbugs, Sowbugs, Spiders (excluding Brown Recluse) and Yellowjackets

FOR USE IN AND AROUND Apartments Campgrounds, Cemeteries, Clinics, Dog Kennels, Green Belts, Homes, Hospitals, Hotels, Mausoleums, Mobile Homes, Motels, Non Food/Feed Areas of Food Processing Plants, Nursing Homes, Resorts, Schools, Storage Buildings, Trailers, Transportation Equipment [Autos, Buses, Boats Ships, Trains, Trucks, Planes (cargo areas only)], Utilities, Warehouses, Commercial, Industrial and Residential Buildings, Theme Parks, Parks & Recreational Areas and Zoos

KEEP OUT OF REACH OF CHILDREN

ACCEPTED

JUN 27 2012

CAUTION

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under

EPA Reg No 499 LAR EPA Est No 7969-MO 1

Net Weight _____

EPA Reg No	<u>499-561</u>
	40.0%
	60.0%
TOTAL	100.0%

ACTIVE INGREDIENT

Dinotefuran N methyl-N-[(tetrahydro-3 furanyl)methyl]guanidine

OTHER INGREDIENTS

FIRST AID

IF IN EYES Hold eyes open and rinse slowly and gently with water for 15 – 20 min. Remove contact lenses, if present after the first 5 min, then continue rinsing eyes. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1 800 832 HELP, 7 days/week, 24 hr/day, for emergency medical treatment information.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Wear long-sleeved shirt and long pants, socks and shoes, and chemical-resistant gloves (made out of any waterproof material, such as Natural Rubber, selection Category A).

USER SAFETY RECOMMENDATIONS

Users should

- Wash hands 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

ENVIRONMENTAL HAZARDS

This pesticide is toxic to shrimp. 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 apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

PHYSICAL AND CHEMICAL HAZARDS

Do not apply water-based sprays of this product to conduits, motor housing, junction and switch boxes or other electrical equipment because of possible shock hazard. Do not spray where electrical short circuits might result, such as wall outlets, conduits, etc.

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 apply within aircraft cabins
- Do not use in outdoor residential misting systems
- Do not apply to humans or their clothing. Do not allow children or pets to contact treated surfaces until spray has dried.
- Do not apply to household pets. Cover fish tanks prior to application near tanks.
- Do not apply this product in patient rooms while occupied.
- Do not apply to classrooms when in use.
- Do not apply in food/feed areas of food handling establishments. When applying in residential or commercial structures, do not contaminate food, feed stuffs or water supply. Do not contaminate food preparation surfaces, kitchen utensils, dishes or food/feed storage containers. Cover any food/feed contact surfaces and cooking utensils, in the treatment area, before treatment or thoroughly clean after treatment and before using.
- Apply to the point just prior to run-off. Do not allow application to drip or run-off from surfaces.

PRODUCT INFORMATION

This product is a water-soluble granule containing the non repellent active ingredient, dinotefuran. Apply indoors and/or outdoors via Crack & Crevice, spot or surface application for the listed pests and use sites.

MIXING INSTRUCTIONS

Thoroughly clean spray equipment before mixing and application of this product

0.35 oz (10g) Packet Add approximately 1/2 of the water to the spray tank. Tear open the packet and add contents to water, then complete the filling of the spray tank. Agitate the tank until the product is completely dissolved. Reagitate finished dilution if application is interrupted for an extended period of time or if dilution is left in tank overnight.

1.76 oz (50g) Packet (*alternate packaging*) Add approximately 1/2 of the water to the spray tank. Tear open the packet and add contents to water, then complete the filling of the spray tank. Agitate the tank until the product is completely dissolved. Reagitate finished dilution if application is interrupted for an extended period of time or if dilution is left in tank overnight.

8.82 oz (250g) Packet (*for use in power spray rig or large spray tank*) Add approximately 1/2 of the water to the spray tank. Tear open the packet and add contents to water, then complete the filling of the spray tank. Agitate the tank until the product is completely dissolved. Reagitate finished dilution if application is interrupted for an extended period of time or if dilution is left in tank overnight.

[Text in this color may be print restricted from the marketplace label]

10 6 oz (300g) Resealable plastic Tip n Measure bottle (dispenses 10g at a time) Add approximately 1/2 of the water to the spray tank Add 10 – 30g of product to water, then complete the filling of the spray tank Agitate the tank until the product is completely dissolved Reagitate finished dilution if application is interrupted for an extended period of time or if dilution is left in tank overnight

SPRAY DILUTION CHART

Desired Finished Dilution Concentration	Amount of product to make 1 gal of finished dilution to treat up to 1,000 ft ²	Amount of product to make 5 gal of finished dilution to treat up to 5,000 ft ²	Amount of product to make 25 gal of finished dilution to treat up to 25,000 ft ²	Amount of product to make 50 gal of finished dilution to treat up to 50,000 ft ²
0.1%	10g	50g	250g	500g
0.2%	20g	100g	500g	1,000g
0.3%	30g	150g	750g	1,500g

Refer to specific pest categories below for the proper use rate **One gallon of finished dilution treats 1,000 ft²** Depending on the surface, more or less water may be used to properly treat areas with different application apparatus but the proper amount of active ingredient should be used per square footage

Tank Mixing This product may be tank mixed with other water based insecticides including, but not limited to insect growth regulators (IGR) quick knockdown products and residuals Before mixing test to see if products are compatible When tank mixing follow the more restrictive label use directions of the mixed products

VOID/CRACK & CREVICE® APPLICATION

Apply into cracks, crevices and voids with equipment designed for such applications Follow the manufacturer's recommendations for proper equipment set-up and operating pressures Place the tip of the applicator at or into the crack, crevice or void to be treated Apply product in short bursts while keeping tip in position Allow the air stream to push the finished dilution into voids and/or cracks and crevices Apply in such a manner to avoid dripping and run off

INDOOR APPLICATIONS

Dilute to the proper concentration according to targeted pest infestation Follow the mixing directions found in the dilution chart Use 1 fl oz of finished dilution per 7 – 10 ft²

Crawling Insects/Pests [including German Cockroaches, Pillbugs, Crickets, Millipedes and Spiders (excluding Brown Recluse)] (30g/gal) Make spot and/or Crack & Crevice applications into hiding places and entry points such as cracks and crevices, void areas, moist areas, openings around pipes and sinks, under refrigerators or vending machines, interiorscapes, across lower doorway frame and window openings

House Flies (20g/gal) Make spot applications on surfaces where flies frequently roost such as door and window frames, screens, trash cans, plants, interiorscapes, ceilings and upper wall surfaces

Bed Bugs (30g/gal) Make spot and/or Crack & Crevice and/or void applications where evidence of bed bug infestation occurs or bed bugs are suspected, such as bed frames, box springs, inside empty dressers, clothes closets and luggage, carpets, draperies, furniture, headboards, high and low wall moldings and wallpaper edges Do not apply to mattresses

Ants [excluding Pharaoh] (10g/gal) Make spot, Crack & Crevice and/or void applications where ants may be foraging and/or nesting, such as, around doors, window frames under sinks, around pipes and in pipe voids, attic venting and other areas where ants may find access or nest

Fleas (10g/gal) Apply to infested areas or potentially infested areas, such as rugs, floors, carpets, upholstered furniture pet beds and pet resting areas When applying to upholstered furniture, treat under cushions and areas where flea development can occur **Do not treat pets with this product**

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INDOOR AND OUTDOOR APPLICATIONS

Asian Lady Beetles, Brown Marmorated Stink Bugs, Bean Plataspid (= Kudzu Bugs) and Centipedes (30g/gal) Make spot, Crack & Crevice and/or void applications where these pests may harbor or hibernate, such as cracks and crevices, in weep holes, wall voids, around window and door frames, attics and behind siding. Apply to exterior wall surfaces around entry points and resting areas where insects congregate.

Carpenter Ants (20g/gal) Make spot, Crack & Crevice and/or void applications to any trails, inside or outside, around doors and windows and other places where ants may enter premises (such as atriums, attic venting, crawl spaces, ceilings, fences, exterior building surfaces, landscape timbers, garages, hollow doors, soffits, wall voids, weep holes and other void areas). Where possible, directly apply to ant nests or infested wood or trees.

Paper Wasps and Yellowjackets (30g/gal) To treat a yellowjacket or wasp nest, apply liberally to the nest and the surrounding area. For nests inside wall voids, inject an amount sufficient to treat the entire nest. Most applications should require about 0.5 gal of diluted material. Pay attention to surfaces or items that the product may contact (i.e. electrical wiring). Do not use where there is an electrical shock hazard.

THIS PRODUCT DOES NOT PROVIDE INSTANT KNOCKDOWN

OUTDOOR APPLICATIONS

Exterior Structural and Surrounding Area Applications for Crawling Insects/Pests [including Collembola, Crickets, Earwigs, Millipedes, Pillbugs, Sowbugs and Spiders (excluding Brown Recluse)] (30g/gal) Directly contacting pests, apply where pests rest, trail and harbor, such as structural and other voids [including voids associated with and around doors, windows, utility entry points, behind siding, weep holes and tree hollows], eaves of structures, around lights or other insect attractant areas, foliage, bushes, landscape materials, garbage receptacles, under trees and other shaded areas.

House Flies (20g/gal) Apply to outside surfaces of screens, doors, window frames, porches, in garages, on foliage or wherever flies enter or congregate around or on the building, directly contacting flies. Apply to inside and outside surfaces of dumpsters, other trash holding containers and surrounding surfaces, directly contacting flies. Begin applications at the start of fly season and repeat during periods of heavy fly activity.

Fleas (10g/gal) Apply to yards, porches, patios or other areas of habitation for fleas, especially areas that pets frequent, directly contacting fleas. Pay particular attention to shaded areas with low protective covering such as under bushes, under decks, lawn furniture, lawn ornaments and other landscape materials. Apply to pet entry areas such as steps and stoops and other areas where pets rest or sit for extended periods of time, directly contacting fleas.

Ants [excluding Pharaoh] (10g/gal) Make spot and/or Crack & Crevice applications to any foraging trails, nests or mounds where ants are present. Make spot and/or Crack & Crevice applications to exterior areas where ants may enter a structure. Where possible, directly apply to ant nests or infested wood or trees. Curative broadcast applications can be made to yards, lawns, fields, parks, cemeteries, landscaping and structures. To help prevent infestations, make exterior structural and surrounding area applications according to this label.

Mosquitoes (*Anopheles*) (20g/gal) Apply using hand-held, back-pack or truck mounted sprayers only. Not for use with truck mounted or handheld cold aerosol ULV sprayers, or thermal fogging devices. Do not apply by aircraft. Use up to 50 gal of diluted spray per 50,000 ft². Apply to shrubbery, vegetation and other areas where mosquitoes may rest. Shrubby and vegetation around stagnant pools, marshy areas, ponds and shorelines may be treated if applied as a wet spray. Direct application of this product to any body of water is prohibited.

[Text in this color may be print restricted from the marketplace label]

STORAGE AND 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

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

CONTAINER DISPOSAL [single use packets] Nonrefillable container Do not reuse or refill this container Offer empty packet for recycling, if available, or dispose of in the trash or by incineration, or if allowed by state and local authorities, by burning If burned, stay out of smoke

CONTAINER DISPOSAL [resealable plastic bottle] Nonrefillable container Do not reuse or refill this container Triple rinse as follows Empty the remaining contents into application equipment or a mix tank Fill the container 1/4 full with water and recap Shake for 10 seconds Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal Drain for 10 seconds after the flow begins to drip Repeat this procedure two more times Then for recycling, if available, or puncture and dispose of in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning If burned, stay out of smoke **If partly filled** Call your local solid waste agency for disposal instructions Never place unused product down any indoor or outdoor drain

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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