

499-559

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

MAR 30 2012

OFFICE OF  
CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Ms. Patricia Hodge  
Whitmire Micro-Gen Research Laboratories Inc.  
3568 Tree Court Industrial Blvd.  
St. Louis, MO 63122-6682

Dear Ms. Hodge:

Subject: Label Amendment  
TC-312  
EPA Registration Number: 499-559  
Application Dated: March 2, 2012  
Decision: 499-559

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable.

In addition, the alternate brand name: Prescription Treatment brand® 565 Plus XLO® Formula 3 with the descriptor, Pressurized Insecticide.

If you have any questions please contact Melody Banks on 703 305 5413 or via E-mail at banks.melody@epa.gov.

A stamped copy of the label is enclosed for your records.

Sincerely,  
*Richard Gebken*

Richard Gebken  
Product Manager  
Insecticide Branch  
Registration Division 7504P

Enclosure: Copy Stamped Approved Label

# TC-312

ALTERNATE BRAND NAME: Prescription Treatment® brand 565 Plus XLO® Formula 3 {added via Notification 2/29/12}

DESCRIPTOR: Pressurized Insecticide

**KILLS:** Angournois Grain Moths, Ants, Bed Bugs, Booklice, Carpet Beetles, Chocolate Moths, Cigarette Beetles, Clothes Moths, Clover Mites, Cluster Flies, Cockroaches, Confused Flour Beetles, Crickets, Drug Store Beetles, Earwigs, Fleas, Flies, Fire Ants, Fruit Flies, Gnats, Grain Mites, Granary Weevils, House Flies, Indianmeal Moths, Mediterranean Flour Moths, Midges, Millipedes, Mosquitoes, Red Flour Beetles, Rice Weevils, Sawtoothed Grain Beetles, Silverfish, Small Flying Moths, Sowbugs, Spiders (excluding Brown Recluse), Stable Flies and Ticks

**FOR USE IN AND AROUND:**

Apartments, Campgrounds, Food Manufacturing Facilities, Food Storage Areas, Homes, Hospitals<sup>†</sup>, Hotels, Motels, Nursing Homes<sup>†</sup>, Resorts, Restaurants<sup>†</sup>, and other Food Handling Establishments<sup>†</sup>, Schools, Supermarkets, Transportation Equipment (Buses, Boats, Ships, Trains, Trucks and Aircraft – Cargo Areas Only), Utilities, Warehouses and other Commercial and Industrial Buildings.

<sup>†</sup> See use restrictions for these sites under Directions for Use.

**ACTIVE INGREDIENTS:**

Pyrethrins, a botanical insecticide .....	0.25%
Prallethrin.....	0.25%
Piperonyl Butoxide* .....	4.00%

<b>OTHER INGREDIENTS:</b> .....	95.5%
<b>TOTAL: 100.0%</b>	

\*(butylcarbityl)(6-propylpiperonyl) ether and related compounds

## KEEP OUT OF REACH OF CHILDREN CAUTION

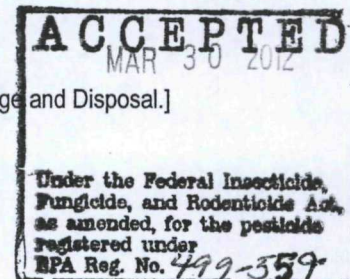
[Alternate text: See side panel(s) for Precautionary Statements, Directions for Use and Storage and Disposal.]

EPA Reg. No.: 499-559 • EPA Est. No.: 7969-MO-1

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

### PRECAUTIONARY STATEMENTS

Personal Protective Equipment (PPE)



Applicators must wear the following: Long-sleeve shirt, long pants, shoes and socks.

In addition to the above PPE, applicators using hand held foggers in an enclosed area must wear a half-face, full-face or hood-style NIOSH-approved respirator with:

- ~ a dust/mist filtering cartridge (MSHA/NIOSH approval number prefix TC21C), or
- ~ a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or
- ~ a cartridge or canister with any N, R, P or HE filter.

### 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.

Discard clothing and other absorbent material that have been drenched or heavily contaminated with product. Do not reuse them.

### ENVIRONMENTAL HAZARDS

This product is toxic to aquatic organisms, including fish and invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas. This product may contaminate water through runoff. This product has a potential for runoff for several months or more after an outdoor application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product.

This product 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.

Do not apply directly to water, to areas where surface water is present or to 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 use this product in electrical equipment (where there is exposed wiring or contact points) due to the possibility of short circuits and shock hazard.

### DIRECTIONS FOR USE

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

**USE RESTRICTIONS**

- Apply this product only as specified on this label.
- Only protected applicators may be in the treatment area during application.
- Do not reenter or allow others to enter until sprays have dried.
- Do not apply more than 1 time/day.
- 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.
- Do not apply this product in a way that will contact workers or other persons, either directly or through drift.
- Use only with the supplied actuator and injection tubes or System III® application equipment.
- Remove pets, birds, cover fish aquariums and turn off air pump motor before application.
- Do not spray on plastic, painted, stained or varnished surfaces or directly into any electronic equipment such as radios, televisions, computers, etc. Test for surface alteration in an inconspicuous area prior to application.
- When used as a direct or space spray, do not enter or allow others to enter treated area until sprays have dried.
- Do not make outdoor applications during rain.
- 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 in the treatment area, or wash them before use.
- For space sprays:
  - Do not allow adults, children or pets to enter the treated area for at least 60 min, until vapors, mists and aerosols have dispersed and the treated area has been thoroughly ventilated.
  - Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosol, vapors and/or mists have dispersed.
- For space spray applications in food handling and processing facilities:
  - Do not make space spray applications when facility is in operation.
  - During space spray applications, cover or remove food in the treatment area.
  - During space spray applications, cover food processing surfaces, in the treatment area, or clean after treatment with a suitable detergent and rinse with potable water before use.
- Do not wet articles to point of runoff or drip.
- Do not use treated article until spray has dried.
- Use this product only in cargo compartments of aircraft in compliance with PR Notice 96-3. Do not use in aircraft cabins.
- When used in dairy barns or facilities: Remove all animals prior to treatment. Close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application.
- Do not apply this product in hospital rooms while occupied or in any rooms occupied by the elderly or infirm. Remove patients from room prior to treatment and thoroughly ventilate (2 hr) after application. Do not return patients to room until after ventilation.
- Do not use in patient rooms in hospitals and nursing homes for treatment of bed bugs.
- Do not apply to classrooms when in use.

**APPLICATION INSTRUCTIONS**

Apply according to specific directions for pest(s) to be treated. Any pest on the label may be treated by Crack & Crevice®, Direct Spray or Space Spray application, or follow directions for the specific pest(s) to be treated.

**CRACK & CREVICE APPLICATION:** Inject this product 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. Apply product for 1 sec. For light infestations, move injector tip along cracks while treating at the rate of 3 ft /sec. For heavy infestations, move injector tip along at 1 ft /sec. For treatment of inaccessible voids (including wall and equipment voids), calculate the void's cubic area and treat at the rate of 3 – 5 sec/3 ft<sup>3</sup>. Several holes may be required in long-running voids.

**DIRECT SPRAY:** Apply the product in short bursts into the area where insects are to be contacted such as corners of the room, behind and under furniture or equipment. Apply from a distance of 18 – 24" from the surface and allow the material to drift to the area to be treated. The amount of product applied is not to exceed 10 sec/50 ft<sup>2</sup>.

**SPACE SPRAY:** Turn off air conditioners, fans, close doors and windows before treating. Calculate the cubic footage of the area to be treated and apply as follows: **Flying Insects:** Apply at the rate of 2 – 3 sec/1,000 ft<sup>3</sup>. **Crawling Insects:** Apply at a rate of 20 – 30 sec/1,000 ft<sup>3</sup>. Disperse toward areas suspected of harboring the greatest insect infestations. Disperse in all locations contacting as many insects as possible. Keep area closed for 60 min. Open and thoroughly ventilate before reoccupying.

**INDOOR USE**

Apply this product into cracks, crevices or voids, or as a space and/or direct spray.

**CLUSTER FLIES, CLOVER MITES, FLIES, FRUIT FLIES, GNATS, HOUSE FLIES, MOSQUITOES, SMALL FLYING MOTHS AND STABLE FLIES:** Perform direct spray, space spray and/or void treatments in infested areas. **INSIDE STRUCTURAL VOIDS:** Locate all insect entrances and close all but one opening. Apply product through that opening.

**ANTS, BOOKLICE, CLOVER MITES, CRICKETS, MILLIPEDES, ROACHES, SILVERFISH, SOWBUGS AND SPIDERS:** Treat harborage areas such as behind baseboards, sinks, cabinets, meter boxes, door frames, corners of rooms and windows. Use as a direct or space spray. Open and thoroughly ventilate the treated area before reoccupying.

**BED BUGS:** Treat joints and channels of bed framing, if hollow, such as square or round tubing, and see that the interior framework is treated. Treat mattresses, especially tufts, folds and edges. Cover mattresses with clean bedding before use. When bed bugs are found in upholstered furniture, apply only to the infested tufts, seams, folds and edges and underneath all areas, but do not apply to flat surfaces where prolonged human contact will occur. Apply as a Crack & Crevice treatment to all baseboards, moldings, beneath floor coverings and carpets, closets, shelves, curtains, furniture, picture frames and voids. Direct spray into areas where bed bugs harbor. Apply to empty luggage; allow to dry thoroughly before packing.

**CARPET BEETLES (in Residences):** Hold product 36" above floor and direct spray toward floor and lower walls, treating at the rate of 10 sec/100 ft<sup>2</sup>. Also apply as a Crack & Crevice treatment to cracks and crevices near the source of the infestation.

**CLOTHES MOTHS:** Locate source of infestation. Apply to nearby cracks and crevices and perform a space treatment of the infested area.

To protect woolens and other keratin containing materials, brush clean then air out. Before treating entire article, treat a small hidden area of fabric to determine if staining will occur. Treat thoroughly by holding dispenser  $\geq$  18" from garment. Put treated articles in a darkened closet or other darkened storage such as cedar chests, storage drawers or sealable plastic fabric bags. Clean and treat inside of closets or storage areas at the rate of 1 sec/10 ft<sup>2</sup> before putting treated materials away. Repeat treatment every 6 mo or as needed. Dry clean treated clothes before wearing.

**STORED PRODUCT PESTS – for exposed adult and larval stages of Angoumois Grain Moths (crawling), Carpet Beetles, Chocolate Moths, Cigarette Beetles, Confused Flour Beetles, Drug Store Beetles, Grain Mites, Granary Weevils, Grain Mites, Granary Weevils, Indian Meal Moths, Mediterranean Flour Moths (flying), Red Flour Beetles, Rice Weevils and Sawtoothed Grain Beetles:** Apply as a Crack & Crevice, direct spray, or space spray treatment into cracks and crevices/corners of pantries, cabinets, food processing and handling equipment and other places where insects harbor. Apply around cartons, containers and other areas where these insects tend to congregate.

**FLEAS IN BUILDINGS:** Hold product 36" above floor and direct spray toward floor and lower walls treating at the rate of 10 sec/100 ft<sup>2</sup>. Ensure that the underneath and lower surfaces of furniture are contacted. Keep area closed for 30 min. Open and thoroughly ventilate before reoccupying. Repeat treatment after 7 days if necessary.

**TICKS:** Hold container 36" above the floor and direct spray toward pet beds and resting quarters, treating at the rate of 10 sec/100 ft<sup>2</sup>. Apply as a Crack & Crevice treatment into adjacent cracks and crevices such as behind baseboards and edges of carpet and floor covers. Treat higher cracks such as upper door jams and window framing, behind pictures and other areas where females may crawl to lay eggs.

#### FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS

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

**FOOD AREAS:** Include areas for receiving, serving, storing (dry, cold, frozen, raw), packing (canning, bottling, wrapping, boxing), preparing (cleaning, slicing, cooking, grinding), edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups).

**NON-FOOD AREAS:** Include 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 according to specific directions for pest(s) to be treated. Do not make space spray applications when facility is in operation. During space spray applications, cover or remove food in the treatment area. During space spray applications, cover food processing surfaces, in the treatment area, or clean after treatment with a suitable detergent and rinse with potable water before use.

#### OUTDOOR USE

**FLIES, GNATS AND MOSQUITOES – GROUND APPLICATION:** Treat landscapes and open areas around residence, outer buildings and in campgrounds. Apply at a rate of 5 – 15 sec/1,000 ft<sup>2</sup>. Apply in wide swaths across the area to be treated. Allow treatment to penetrate dense foliage. Best results are obtained when wind speed is 5 mph or less.

**FLIES, CLUSTER FLIES AND CLOVER MITES:** Apply directly on insects from approx. 18". Disperse into hiding and breeding places (voids) contacting as many insects as possible.

### 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 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.

#### 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.

Master Label

v1.1 (2/29/12: dmt) 5/5

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



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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