

499-404

05/13/2013

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460-0001



OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

S-13-13

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

Subject: Amended Reregistration Label
Product Name: Whitmire TC-104
EPA Registration Number: 499-404
EPA Decision Number(s): 411622

Dear Ms. Thomas:

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 above referenced product in connection with the Pyrethrins RED(s), and has concluded that your submission is acceptable.

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 Any previously dated CSFs are superseded.

- Basic CSF, dated [03/15/2010]
- Alternate CSF #1, dated 03/15/2010]
- Alternate CSF #2, dated 03/15/2010

A copy of your label stamped "Accepted" 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 Dani Daniel at (703)305-5409 or via e-mail at daniel.dani@epa.gov

Sincerely,



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

*Enclosures: Label stamped "Accepted," dated
Acute Toxicity Review, dated (July 20, 2010)
Product Chemistry Review, dated (December 6, 2012)*

[Basic Label – Total Release Fogger – Note: Whitmire Micro-Gen has never marketed/sold this label, and does not intend to ever market/sell his label. We keep it only because the product we cited for registration/reregistration (EPA Reg. No. 1021-1623) is a TRF. If we can continue to cite MKG data without this base “TRF” label (similar in labeling), we would prefer to delete it, thus making the Alternate label the Master/only label for this registration.]

TC 104

Total Release Fogger for Fleas with Nylar* Insect Growth Regulator

- Prevents Reinfestation for 7 months.
- Kills fleas plus kills hatching eggs for up to 4 months.
- Egg-stop formula provides months of protection by stopping eggs from ever developing into biting fleas.
- One 6 oz can treats up to 6,000 ft³.

KILLS: Adult & Pre-adult Fleas and Ticks

FOR USE IN: Apartments, Homes, Hotels, Kennels and Veterinary Clinics

ACTIVE INGREDIENTS:

Pyriproxyfen	0.10%
Pyrethrins, a botanical insecticide	0.05%
n-Octyl bicycloheptene dicarboximide†	0.40%
Permethrin*	0.40%

OTHER INGREDIENTS:	<u>99.05%</u>
TOTAL: 100.00%	

† MGK-264 Insecticide Synergist

*Cis/trans ratio: Max. 55% ± cis and Min. 45% ± trans)

KEEP OUT OF REACH OF CHILDREN CAUTION

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

Interge

EPA Reg. No. 499-404 EPA Est. No. 7969-MO-1

Net Weight: _____

FIRST AID

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 min. 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. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), you may call 1-800-832-HELP 24hr/day, 7 days/week.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE): Applicators and other handlers must wear the following: Long-sleeve shirt, long pants, socks and shoes, and chemical resistant gloves (such as any waterproof material, Selection Category A).

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 materials that have been drenched or heavily contaminated with this product. Do not reuse them.

**ACCEPTED
MAY 13 2013**

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

EPA. Reg. No: 499-404

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.

PHYSICAL OR CHEMICAL HAZARDS

Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. This product contains a highly flammable ingredient. It may cause a fire or explosion if not used properly. Follow the "Directions for Use" on this label very carefully.



Highly Flammable Ingredient
 Ingrediente Altamente Inflamable

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. Read all Directions and Precautions completely before use.
- This product is labeled for indoor use only in the following structures: Apartments, Homes, Hotels, Kennels and Veterinary Clinics
- **This product does not control bed bugs.**
- Do not use more than 1 fogger per room.
- Do not use in small, enclosed spaces such as closets, cabinets or under counters or tables.
- Do not use in a room 5 ft x 5 ft or smaller; instead, allow fog to enter from other rooms.
- 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.
- Use only when building has been vacated by human beings and pets. Remove pets and birds, and cover fish aquariums before application.
- Only protected applicators may initiate application. Exit area immediately after initiating application. Wait 2 hr after application (until aerosols and vapors have dispersed), then ventilate the treated area by opening windows, vents and doors for 2 hr. If an odor is still detected, additional ventilation is required.
- Do not allow others to enter until sprays have dried and treated areas have been thoroughly ventilated.
- Do not apply more than 1 time/day.

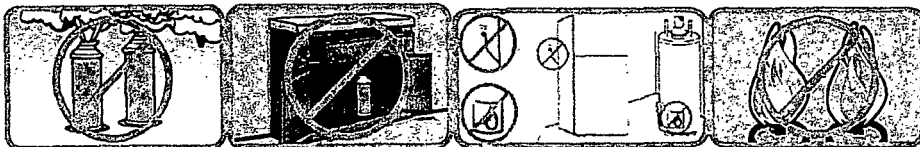
PRODUCT INFORMATION AND APPLICATION INSTRUCTIONS

SHAKE WELL BEFORE USE. • KEEP CONTAINER UPRIGHT.

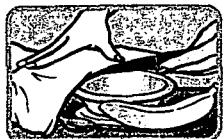
This product will kill Ants, Cockroaches, Crickets, Fleas, Houseflies, Mosquitoes, Rice Weevils, Sawtoothed Grain Beetles, Small Flying Moths and Ticks. It will also prevent pre-adult fleas from developing into the adult biting stage for up to 7 mo (210 days). [ALTERNATE LANGUAGE: ...up to 4 mo (120 days).]

To Use this Product Correctly:

Do not use more than 1 fogger/room. Do not use in small, enclosed spaces such as closets, cabinets or under counters or tables. **Use of a fogger in an enclosed space may cause the product to explode, resulting in injury to people or damage to property.** Do not use in a room 5 ft x 5 ft with an 8 ft ceiling or smaller; instead, allow fog to enter from other rooms. Point valve opening away from face and eyes when releasing. Turn off ALL ignition sources such as pilot lights (shut off gas valves), other open flames or running electrical appliances that cycle off and on (i.e., refrigerators, thermostats, etc.). Call your gas utility or management company if you need assistance with your pilot lights.

**Before You Fog:**

Remove or cover exposed food in the treatment area. Cover all food preparation surfaces and utensils, in the treatment area, during treatment or thoroughly wash before use.



Close outside doors and windows. Shut off fans, air conditioners and ventilation equipment. Put out all flames, pilot lights and other ignition sources. Call your gas utility or management company if you need assistance.

Open interior closet doors and cabinets of areas to be treated.

Fill out and place hang-tag on the door to the treated area to alert family and others with access to the treated area not to enter for 2 hr.

To Control Ticks And Fleas: Remove pets and birds but leave pets' bedding as this is a primary hiding place for fleas and must be treated for best results. No need to discard pet bedding after treatment. Cover and turn off fish aquariums before activating fogger.

Use additional units for remote rooms or where the free flow of fog is not assured.

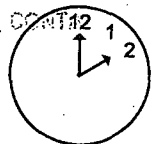
Pets should be treated with a registered product for flea and tick control in conjunction with this treatment. **Do not treat pets with this product.**

To Start Fogging:

SHAKE WELL before using. Hold can at arm's length with top of can pointing away from face and eyes. Push down on finger pad until it locks. This will start fogging action. Place fogger on a newspaper covered stand or table in the center of the room.

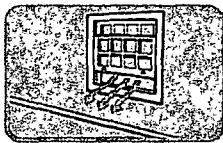
Vacate the treated house, individual apartment unit or other structure immediately. Keep treated area closed for 2 hr. Do not remain in the area during treatment.

Do not reenter for 2 hr.



Airing Out:

Wait 2 hr after application, then open windows, vents and doors for 2 hr. If an odor is still detectable, additional ventilation is required.



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 or pets. Store away from food and pet food.

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.

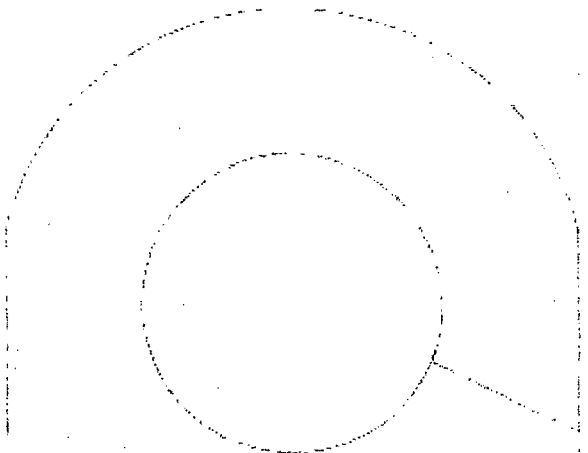
Contains no CFCs or other ozone depleting substances.
Federal regulations prohibit CFC propellants in aerosols.



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

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INSTRUCTIONS: Fill out and place hang tag on the door to the treated area. Alert family and others with access to the treated area, not to enter for at least two hours after application.

NOTICE: This area has been treated with pesticides. Wait two hours post application before re-entering this building.

INSTRUCCIONES: Complete y coloque la etiqueta sobre la puerta del área tratada. Alerta a la familia y a otros con acceso al área tratada para que no ingresen por lo menos durante dos horas después de la aplicación.

AVISO: Esta área ha sido tratada con pesticidas. Espere dos horas después de la aplicación antes de volver a ingresar al edificio.

Application Time: _____

Application Date: _____

Hora de aplicación: _____

Fecha de aplicación: _____

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[Alternate Label – Carpet Spray – Note: This is the label that is currently (and historically) marketed/sold by Whitmire Micro-Gen.]

TC 104

OTHER:

ALTERNATE BRAND NAME(s):

Prescription Treatment® brand Ultracide® Flea Killer and Insect Growth Regulator {added via Notification 3/11/96}

Prescription Treatment® brand Ultracide® Pressurized Flea IGR & Adulticide Formula 1 {added via Notification 10/19/96}

Contains Nylar* Insect Growth Regulator

KILLS:

- Active flea infestations and prevents infestations from developing.
- Prevents re-infestation of fleas for 7 months.
- Ticks

FOR USE IN: Apartments, Automobiles, Homes, Hospitals, Hotels, Kennels, Motels, Offices, Schools, Supermarkets, Transportation Equipment (Buses, Boats, Ships, Trains, Trucks), Warehouses, Utilities, Veterinary Clinics and Other Commercial and Industrial Buildings.

ACTIVE INGREDIENTS:

Pyriproxyfen:	0.10%
Pyrethrins, a botanical insecticide:	0.05%
n-Octyl bicycloheptene dicarboximide†:	0.40%
Permethrin*:	0.40%

OTHER INGREDIENTS: 99.05%

TOTAL: 100.000%

† MGK* 264, Insecticide Synergist

*Cis-trans ratio: Max. 55% ± cis and Min. 45% ± trans)

KEEP OUT OF REACH OF CHILDREN CAUTION

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

Users should
refer to

EPA Reg. No. 499-404 • EPA Est. No. 7969-MO-1

NET WEIGHT: 1 lb., 4 oz. (20 oz.)

FIRST AID

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 - 20 min. 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. For information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), you may call 1-800-832-HELP 24hr/day, 7 days/week.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE): Applicators and other handlers must wear the following: Long-sleeve shirt, long pants, socks and shoes, and chemical resistant gloves (such as any waterproof material, Selection Category A).

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 materials that have been drenched or heavily contaminated with this product. Do not reuse them.

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 as soon as practical after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

PHYSICAL OR CHEMICAL HAZARDS

Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

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.
- This product is labeled for indoor use only in the structures listed under For Use In:.
- Only protected applicators may be in the treatment area during application.
- Do not apply this product in a way that will contact adults, children or pets. Remove pets, birds and cover fish aquariums before spraying.
- Do not use this product on pets.
- Do not use treated article until spray has dried.
- 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.
- Do not apply directly into sewers or drains or to any area 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.
- 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 apply to classrooms when in use.
- Do not apply more than 1 time/day.

PRODUCT INFORMATION

This product kills fleas and prevents flea infestations for a full season. Adult fleas may be seen in treated areas when brought in on infested animals or when adults emerge from pupal cases; however, a population will not develop in the treated areas.

In transportation equipment, certain plastics may be whitened or dulled. Apply only to carpets and cloth upholstered areas, or test an inconspicuous area before applying.

APPLICATION INSTRUCTIONS

SHAKE WELL before use. Cover aquariums and fish bowls, and remove birds from area prior to application. Apply at the rate of 20 oz/2,625 ft². (10 oz/1,300 ft²). Carpeted areas may be vacuumed before application and after treated carpet has dried. Treat infested areas or areas which could be infested, such as carpets, rugs, upholstered furniture, pet beds and pet resting areas. Hold can at arms length and direct spray toward the area to be treated. Use a sweeping motion to apply product and back away from treated area while holding the can 36" from the surface being treated. An area of 80 - 100 ft² can be treated in approx. 10 sec. When treating upholstered furniture, treat under cushions and areas where flea development occurs. Do not treat areas of prolonged human contact.

Do not treat pets, including cats and dogs, with this product.

NOTICE: This product has been tested on several types of carpet, fabric and other household furnishings without adverse affects. In a few instances, waxed surfaces have been whitened or dulled. Holding the can 36" from the target surface will normally prevent any whitening from occurring. Because of the wide variety of floor types and finishes, treat a small, inconspicuous area before treating the entire area. Avoid contact with antique finishes.

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.

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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