

499-404

6/23/2000

20 B 2-1095

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0080



United States  
Environmental Protection Agency  
Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number  
266167

Application for Pesticide - Section I

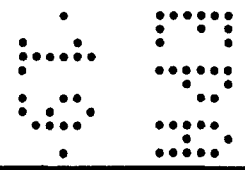
1. Company/Product Number 499-404	2. EPA Product Manager Marion Johnson	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Whitmire TC 104	PM# 103	
5. Name and Address of Applicant (Include ZIP Code) Whitmire Micro-Gen Research Laboratories Inc. 3568 Tree Court Industrial Blvd. St. Louis, MO 63122-6682 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	<b>NOTIFICATION</b> JUN 23 2000
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of label modification to delete the chemical name from the ingredients statement (for pyriproxyfen and permethrin) per PR Notice 97-5.



Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				<input type="checkbox"/> Other _____	

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Dana M. Thomas	Title Registration Specialist	Telephone No. (Include Area Code) (636) 861-4223
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature <i>Dana M. Thomas</i>	3. Title Registration Specialist	
4. Typed Name Dana M. Thomas	5. Date June 9, 2000	



June 9, 2000

**NOTIFICATION**

JUN 23 2000

Document Processing Desk (NOTIF)  
Office of Pesticide Programs (H7504C)  
Marion Johnson, PM 10  
U.S. Environmental Protection Agency  
Ariel Rios Building  
1200 Pennsylvania Ave NW  
Washington, DC 20460

**Subject: Notification to modify ingredients statement to delete chemical name**  
**per PR Notice 97-5**  
**Whitmire TC 104**  
**EPA Reg. No.: 499-404**

Dear Mr. Johnson:

Enclosed in support of the referenced action is the following documentation:

- 1) Completed Application (EPA Form 8570-1)
- 2) One copy of the "Master Label" with revisions. The "Master Label" includes:
  - The total release label (Basic Label) and
  - The carpet spray label (Alternate Label)

The ingredients statement of the Alternate label has been modified to remove the chemical name of the active ingredients pyriproxyfen and permethrin (the Basic Label apparently already listed only the common names for these actives – see EPA stamped accepted label dated 2/28/00). It is my understanding that pyriproxyfen is an accepted common name by ISO, and we should be able to use it on that basis. Additionally, pyriproxyfen is listed as a synonym for CAS #95737-68-1 in the USEPA OPP Chemical Ingredients Data Base and has the PC Code: 129032. These revisions are being made per PR Notice 97-5.

This notification is consistent with the provisions of PR Notice 97-5 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the CSF of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 97-5 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Document Processing Desk (NOTIF)  
June 9, 2000  
Page 2

Also enclosed is a self-addressed, stamped postcard that would indicate your acceptance of this notification. Please take just a moment to fill in the appropriate information and drop it in the mail. Your assistance in this regard is certainly appreciated.

Thank you for your assistance in the amendment process. Please don't hesitate to contact me at (636) 861-4223, or by e-mail at Dana.Thomas@jwp.com, should you have any questions or require additional information.

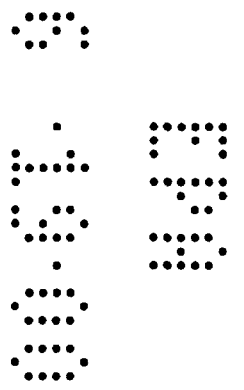
Sincerely,

WHITMIRE MICRO-GEN RESEARCH LABORATORIES, INC.

*Dana M. Thomas*

Dana M. Thomas  
Registration Specialist

Encl.



TC 104 - Basic Label (Local Release) v5.016.0 11/99

to swallow. Do not induce vomiting unless told to do so by a poison control center.

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

**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 mouth-to-mouth if possible. 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.

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed, inhaled or absorbed through skin. Do not breathe vapors or spray mist. Avoid contact with skin or eyes. In case of contact, flush with plenty of water. Wash with soap and warm water after use. Obtain medical attention if irritation persists. Avoid contamination of food or feedstuffs.

Do not use in commercial food processing, preparation, food storage or serving areas. In the home, all food processing surfaces and utensils should be covered during treatment, or thoroughly washed before use. Exposed food should be covered or removed. Remove pets, birds, and cover fish aquariums before spraying.

**PHYSICAL OR CHEMICAL HAZARDS**

**Extremely Flammable.** Contents under pressure. Keep away from fire, sparks, and heated surfaces. 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

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.wtmg.com  
© 1998 Whitmire Micro-Gen Research Laboratories, Inc.

Whitmire

**TC 104**

Total Release Fogger for Fleas with Nylar® Insect Growth Regulator

- Prevents Reinfestation for 7 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 cubic feet.

**KILLS:** Adult & Pre-adult Fleas. Kills fleas plus kills hatching eggs for up to 4 months.

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

**ACTIVE INGREDIENTS:**

Pyriproxyfen:	0.100%
Pyrethrins:	0.050%
N-octyl bicycloheptene dicarboximide:	0.400%
Permethrin:	0.400%
Related Compounds:	0.035%

**OTHER INGREDIENTS:** 99.015%

\*MGK® 264, Insecticide Synergist

\*Nylar and MGK - Reg. TM of McLaughlin Gormley King, Inc.

EPA Reg. No. 499-404 EPA Est. No. 499-MD-1

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

See side panel for additional Precautionary Statements.

**NET WEIGHT: 6 OZ.**

[ALTERNATE LANGUAGE: 5 OZ.]



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

**DIRECTIONS FOR USE**

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

**SHAKE WELL BEFORE USE. KEEP CONTAINER UPRIGHT.**

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

Cover exposed food, dishes and food-handling equipment. Open cabinets and doors in area to be treated. Close doors and windows. Point valve opening away from face and eyes when releasing. Use one unit for each 6,000 cubic feet of unobstructed area. [ALTERNATE LANGUAGE: Use one (5 oz.) unit for each 5,000 cubic feet of unobstructed area.] Use additional units for remote rooms or where free flow of mist is not assured. Do not remain in the area during treatment and ventilate thoroughly before re-entry.

DO NOT use more than one 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. Turn off ALL ignition sources such as pilot lights (shut off gas valves), other open flames or running electrical appliances that cycles off and on (i.e., refrigerators, thermostats, etc.). Call your gas utility or management company if you need assistance with your pilot lights.

**TO OPERATE VALVE:** To lock valve in open position for automatic discharge, press the valve button all the way down, hooking the catch. Then place fogger on stand or table in the center of the room with valve locked open, placing several layers of newspaper or pad under fogger. Leave building at once and keep building closed for two hours before airing out. Open all doors and windows and allow to air for 30 minutes. Repeat spraying in two weeks or when necessary.

**TO CONTROL TICKS AND FLEAS:** Old bedding should be removed and replaced with fresh, clean bedding after treatment. Pets should be treated with a registered product for flea and tick control in conjunction with this treatment.

**STORAGE AND DISPOSAL**

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

**CONTAINER DISPOSAL:** This container may be recycled in the few but growing number of communities where steel aerosol can recycling is available. Before offering for recycling, empty the can by using the product according to the label. (DO NOT PUNCTURE) If recycling is not available, wrap the container and discard in the trash.

**PRECAUTIONARY STATEMENTS**

FIRST AID

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able.

BASIC LABEL

## PRECAUTIONARY STATEMENTS

### FIRST AID

**IF SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center.

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

**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 mouth-to-mouth if possible. 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.

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed, inhaled or absorbed through skin. Do not breathe vapors or spray mist. Avoid contact with skin or eyes. In case of contact, flush with plenty of water. Wash with soap and warm water after use. Obtain medical attention if irritation persists. Avoid contamination of food or feedstuffs.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish and birds. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift from treated areas may be hazardous to organisms in adjacent aquatic sites. Apply this product only as specified on the label.

### PHYSICAL OR CHEMICAL HAZARDS

Extremely flammable. Contents under pressure. Keep away from fire, sparks, and heated surfaces. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting.

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

© 2000 Whitmire Micro-Gen Research Laboratories, Inc.



Whitmire

# TC 104

Contains Nylar® Insect Growth Regulator

### KILLS:

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

### FOR USE IN AND AROUND:

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 INGREDIENT:

Pyriproxyfen:	0.100%
Pyrethrins:	0.050%
N-octyl bicycloheptene dicarboximide**:	0.400%
Permethrin:	0.400%
Related Compounds:	0.035%

OTHER INGREDIENTS: 99.015%

\* Nylar and MGK - Reg. TM of McLaughlin Gormley King, Inc.

\*\* MGK 264, Insecticide Synergist

• Cis-trans isomers ratio: Max. 55% ± cis and Min. 45% ± trans

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

See side panel for additional precautionary statements

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

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

800-777-8570



**WHITMIRE MICRO-GEN**  
RESEARCH LABORATORIES INC.

ALTERNATE LABEL

## GENERAL INFORMATION

### SHAKE WELL BEFORE USE

Tc 104 kills fleas and prevents flea infestations for a full season. Adult fleas may be seen in the treated areas when brought in on infested animals or when adults emerge from pupal cases; however, a population will not develop in the treated area.

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

### DIRECTIONS FOR USE

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

Use Tc 104 at the rate of 20 oz. for up to 2,625 sq. ft. (10 oz. for up to 1,300 sq. ft.). Carpeted areas may be vacuumed before treatment and after treatment has dried. Treat infested areas or areas which could be infested; these include rugs, carpets, 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 inches away from the surface being treated. An area of 80 - 100 sq. ft. can be treated in approximately 10 seconds with Tc 104. When treating upholstered furniture, treat under cushions and areas where flea development occurs.

Cover aquariums and fish bowls and remove birds from area prior to treating. Treated areas should be vacated during application. EXCEPT FOR APPLICATOR, DO NOT PERMIT HUMANS OR PETS TO CONTACT TREATED SURFACES UNTIL THE SPRAY HAS DRIED. Do not use with this product.

NOTICE: Tc 104 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 inches away from the target surface normally prevents 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.

**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:** This container may be recycled in the few but growing number of communities where steel aerosol can recycling is available. Before offering for recycling, empty the can by using the product according to the label (DO NOT PUNCTURE!). If recycling is not available, wrap the container and discard in the trash.

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