



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
499-446

Date of Issuance:  
MAR 13 1998

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration

Term of Issuance:  
Conditional

Name of Pesticide Product:  
Whitmire TC 152

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Whitmire Research Laboratories, Inc.  
3568 Tree Court Ind. Blvd.  
St. Louis, MO 63122

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 conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration 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. Change the label by revising the EPA Registration Number to read, "EPA Reg. No. 499-446".
3. Submit two copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

Signature of Approving Official:

*for Joseph M. Johnson*  
Marion J. Johnson, Jr.

Date:

*March 13, 1998*

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Whitmire  
TC 152  
Emulsifiable Concentrate  
Contains Permethrin and Nylar®\*

KILLS ADULT AND IMMATURE STAGES OF: Ants, Booklice, Boxelder Bugs, Carpenter Ants, Carpenter Bees, Carpet Beetles, Centipedes, Chocolate Moths, Clover Mites, Cluster Flies, Cockroaches, Crickets, Dermestids, Drug Store Beetles, Earwigs, Elmleaf Beetles, Flies, Firebrats, Fleas, Flour Beetles, Grain Weevils, Millipedes, Psocids, Scorpions, Silverfish, Sowbugs, Spiders, Springtails, Termites, Ticks, Trogodermas, Wood Infesting Borers and Beetles, and Wood Wasps.

FOR USE IN: Animal Housing, Apartments, Homes, Hospitals, Hotels, Kennels, Motels, Nursing Homes, Resorts, Non-food Areas of Restaurants, Supermarkets and other Food Handling Establishments, Schools, Transportation Equipment (Buses, Boats, Ships, Trains, Trucks, Planes†), Utilities, Warehouses, and other Commercial and Industrial Buildings.  
†Do not use in aircraft cabins.

ACTIVE INGREDIENT:

Permethrin [(3-Phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate] ..... 30.0%  
Pyriproxyfen [2-(1-Methyl-2-(4-phenoxyphenoxy) ethoxy) pyridine] ..... 0.7%

INERT INGREDIENTS: ..... 69.3%

\*NYLAR® - Registered trademark of McLaughlin Gormley King Co.

ACCEPTED  
with COMMENTS

EPA Reg. No. 499-UUA      EPA Est. No. 499-MO-1

EPA Letter Dated:

KEEP OUT OF REACH OF CHILDREN

MAR 13 1998

CAUTION

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 499-446

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Flush eyes with plenty of water. Call physician if irritation persists.  
IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.  
IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.  
IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

See side panel for additional precautionary statements

NET WEIGHT:

## DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

To Prevent the Emergence of Adult Fleas Indoors. Prevents immature Cockroaches from becoming reproductive adults. Can also kill immature cockroaches, flea eggs and flea larvae under certain situations. Will Control Fleas for 7 Months and Cockroaches for 6 Months indoors.

For best results, use TC 152 prior to the flea season. Apply to surfaces where fleas are found, such as carpets, upholstered furniture and pet resting areas.

Prepare a dilution by adding 2 fl. oz. to 4 fl. oz. of concentrate to 1 gallon of water. Use these rates to kill the listed insects except if alternate rates are given. Partially fill the mixing container with water then add TC 152. Shake, and fill to final volume. Shake before each use. A dilution of 1 fl. oz. per gallon of this product makes a 0.25% permethrin and a 0.005% pyriproxyfen dilution.

TC 152 has been tested on several types of surfaces likely to be contacted by such a product. Before making a full scale application, check for possible residue or staining.

### INDOOR TREATMENTS

Fleas: Prepare a dilution by adding 1 fl. oz. to 2 fl. oz. of concentrate to 1 gallon of water. Partially fill the mixing container with water, add TC 152. Shake, and fill to final volume. Shake before each use. Apply at a rate of 1 gallon of diluted solution per 1,500 sq. ft. of surface area with any low pressure sprayer typically used for indoor applications. The 1 fl. oz. rate can also be applied at a rate of 1 gallon of diluted solution per 750 sq. ft. of surface area. Treat all areas which may harbor fleas, including carpets, pet sleeping areas and throw rugs. Treat under cushions of upholstered furniture. Avoid contact with treated surfaces until dry. Avoid soaking treated surfaces.

Centipedes, Cockroaches, Crickets, Dermestids, Earwigs, Firebrats, Millipedes, Psocids, Silverfish, Sowbugs, and Spiders: Make spot treatment and/or Crack and Crevice injections into hiding places such as cracks and crevices, void areas, moist areas, openings around pipes and sinks and under refrigerators. Repeat as necessary.

Pantry Pests: For exposed adult and larval stages of Grain Weevils, Flour Beetles, Chocolate Moths, Drugstore Beetles, and Trogoderma, Prepare a dilution by adding 1 fl. oz. or 2 fl. oz. of concentrate to 1 gallon of water. Partially fill the mixing container with water, add TC 152. Shake, and fill to final volume. Shake before each use. Treat cracks and crevices and void areas, where pantry pests are or suspected of harboring. Spot treatments are permitted on areas where pests rest.

Flies: Make spot applications on surfaces where flies rest at night or frequent during the day, such as window frames, screens, trash cans, ceilings and upper wall surfaces.

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Carpet Beetles (Dermestids): Treat along edges of carpet, under carpet edge, furniture, throw rugs and as a crack and crevice application in closets and other shelving where infested items are stored. Do not treat clothing with this product. Repeat application as necessary.

Ticks: Apply as a spot and/or crack and crevice treatment in infested and egg laying areas such as pet resting quarters, nearby cracks and crevices, behind baseboards, door and window frames. Replace pet's old bedding with clean fresh bedding after treatment. Do not treat pets with this product. Repeat application as necessary.

Ants: Inject cracks, crevices and voids where ants may be traveling and/or harboring, including but not limited to, around doors, window frames, and other structural cracks, crevices and voids. Spot treatment of trails and feeding areas may also be made.

Carpenter Ants: Make spot and/or crack and crevice applications to any trails. Use around doors and windows, and other places where ants enter premises. Areas which may be treated include but are not limited to atriums, crawl spaces, ceilings, garages, soffits, wall voids, weep holes, and other void areas. Where possible, treat ant nest or infested wood directly. Repeat application as necessary.

Hibernating Stages of Boxelder Bugs, Elmleaf Beetles, Cluster Flies and Clover Mites: Inject cracks, crevices and/or voids where these insects may be harboring or hibernating. Infested areas include, but are not limited to, cracks and crevices in weep holes, wall voids, around window and door frames, and under siding. Repeat application as necessary.

#### STORAGE AND DISPOSAL

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

STORAGE: Store in original container in secured dry storage area. Prevent cross-contamination with other pesticides or fertilizers. Do not store above 122°F for extended periods of time. If container is damaged or spill occurs, use product immediately or dispose of product and damaged container as indicated below.

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: Do not reuse empty container. Triple rinse. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration if allowed by State and local authorities. If product is burned stay out of smoke.

#### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

##### CAUTION

Harmful if swallowed, absorbed through the skin, or inhaled. Causes moderate eye irritation. Wash thoroughly with soap and water after handling. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. Avoid breathing spray mist. Remove contaminated clothing and wash clothing before reuse.

Do not spray where electrical short circuits might result, such as wall outlets, conduits, etc.

ENVIRONMENTAL HAZARDS: This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds on which bees are actively visiting the treatment area.

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 contaminate water by cleaning of equipment or disposal of equipment washwaters.

This product is extremely toxic to fish and wildlife. Use with care when applying in areas adjacent to any body of water. Do not apply when weather conditions favor drift from treated areas.

PHYSICAL/CHEMICAL HAZARDS: Do not use or store near heat or open flame.

#### LIMITATION OF LIABILITY

Use only as directed. Buyer assumes all risks in using or handling this product in any way. WHITMIRE MICRO-GEN EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY. IN NO CASE SHALL WHITMIRE MICRO-GEN BE LIABLE FOR CONSEQUENTIAL, SPECIAL, INCIDENTAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. DAMAGES FROM THE USE OF THIS PRODUCT ARE EXPRESSLY LIMITED TO REPLACEMENT OF THE PRODUCT OR REFUND OF THE PURCHASE PRICE.

A Prescription Treatment® brand insecticide from:  
Whitmire Micro-Gen Research Laboratories, Inc.  
3568 Tree Court Ind. Blvd.  
St. Louis, Missouri 63122  
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