

PM03

499-430

1/15/98

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

EPA Reg. Number:
499-430

Date of Issuance:
JUL 15 1998

NOTICE OF PESTICIDE:
 X Registration
 Reregistration

(under FIFRA, as amended)

Term of Issuance:
Unconditional

Name of Pesticides Product:
Whitmire TC 148a
Microencapsulated
Concentrate Contains
Nylar

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 agreed 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).

Make the following changes to the labeling before releasing the product for shipping:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 499-430".
- b. Delete planes from the use cites or limit to aircraft cargo areas only.
- c. Add the following Environmental Hazards statement:

This product is toxic to fish and aquatic invertebrates. 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

Signature of Approving Official:
See page 2

Date:
July 15, 1998

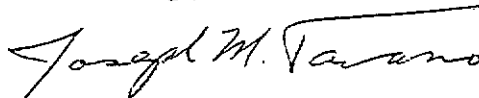
Contaminate water when cleaning equipment or disposing of equipment washwaters.

Submit two (2) copies of the revised final printed label before you release the product for shipment.

If the final printed labeling is not received prior to shipment of this product, 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 requirements.

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

Sincerely,



Joseph M. Tavano
Insecticide Branch
Registration Division (7505C)

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Whitmire
TC 148a
Microencapsulated Concentrate
Contains NyLar^{®*}

KILLS IMMATURE STAGES OF: Cockroaches, Fleas, Flies and Stored Product Pests.

FOR USE IN AND AROUND: Animal Housing, Apartments, Homes, Hospitals, Hotels, Motels, Nursing Homes, Resorts, Non-food Areas of Restaurants and other Food Handling Establishments, Schools, Supermarkets, Transportation Equipment (Buses, Boats, Ships, Trains, Trucks, Planes), Utilities, Warehouses, and other Commercial and Industrial Buildings.

ACTIVE INGREDIENT:

Pyriproxyfen [2-(1-Methyl-2-(4-phenoxyphenoxy) ethoxy) pyridine] 1.3%
INERT INGREDIENTS 98.7%

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

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

KEEP OUT OF REACH OF CHILDREN

CAUTION

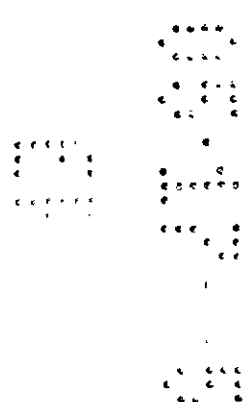
Statement of Practical Treatment

IF IN EYES: Flush with plenty of water. Get medical attention if irritation persists.

IF SWALLOWED: Call a physician or Poison control Center immediately. Do not induce vomiting.

IF ON SKIN: Remove contaminated clothing and wash before reuse. Wash skin with soap and warm water. Get medical attention if irritation persists.

ACCEPTED
JUL 15 1998
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. A 99-430



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DIRECTIONS FOR USE

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

TC 148a is a flowable microencapsulated concentrate containing pyriproxyfen. TC 148a may be used any surface which will not be damaged or stained by water. Heavy applications may leave a visible deposit. On some surfaces this deposit can be removed with a damp cloth or sponge.

This product may be tank mixed with an approved adulticides. For any mixture check for phytotoxicity before contacting plants with the mixture.

To Prevent the Emergence of Adult Fleas Indoors and Outdoors. 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. For best results, use TC 148a prior to the flea season.

If a high population of adult insects is present, the use of an adulticide may be necessary for immediate relief.

Mixing Instructions

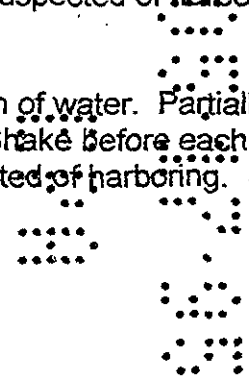
Thoroughly clean spray equipment before using 148a. Shake concentrate well before diluting. When diluting, first add approximately one-half of the water to the spray tank and then add the proper amount of 148a. When emptying the bottles triple rinse with water, shake well and add the rinsate to the spray tank. Add the rest of the water and agitate the sprayer thoroughly. Agitate sprayer occasionally during use to insure even mixture. Shake or reagitae sprayer if spraying is interrupted or if dilution is left in sprayer overnight. If spray screens are used, they should be 50 mesh or larger.

Indoor Pests

Fleas: Prepare a dilution by adding 1 fl. oz. of concentrate to 1 gallon of water. Partially fill the mixing container with water, add TC 148a. 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. 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.

Cockroaches: Prepare a dilution by adding 2 fl. oz. of concentrate to 1 gallon of water. Partially fill the mixing container with water, add TC 148a. Shake, and fill to final volume. Shake before each use. Treat cracks and crevices and void areas, where cockroaches are or suspected of harboring. Spot treatments are permitted on areas were cockroaches rest.

Pantry Pests: Prepare a dilution by adding 1 fl. oz. of concentrate to 1 gallon of water. Partially fill the mixing container with water, add TC 148a. 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 were pests rest.



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Outdoor Pests

Fleas: Prepare a diluted solution 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 148a. 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. with any pressure sprayer. Treat animal runs, kennels, pet resting areas, shaded areas and other areas where fleas are likely to be found. This product may be tank mixed with approved adulticides. For power spray rigs apply 1 fl. oz. or 2 fl. oz. of concentrate in the volume of water necessary to cover 1500 square feet, for low volume spray rigs this is approximately 1-2 gallons and for high volume rigs it may be 4-6 gallons of water. Mix the appropriate amount of concentrate for your power spray rig. No matter what type of application is used apply such that all areas treated so the product reaches the flea larvae habitat.

Flies: Prepare a dilution by adding 0.5 fl. oz. of concentrate to 1 gallon of water. Partially fill the mixing container with water, add TC 148a. Shake, and fill to final volume. Shake before each use. Treat outside surfaces of screens, doors and window frames or wherever these insects enter. Also treat surfaces around light fixtures on porches, in garages, and other places where insects light or congregate. Treat normal fly resting areas on ceilings, upper corners of the area. Repeat as necessary. Spray inside and outside surfaces of dumpsters and other trash holding containers. Spray trash corrals and other trash storage areas. Spray so as to lightly moisten the target surface. For best results, begin treatments at the start of the fly season and repeat when necessary during periods of heavy fly activity. Do not treat animals with this product.

Special Notice: This product has demonstrated excellent plant safety; however, all ornamentals and grasses have not been tested. Before treating plants for which phytotoxicity may be a concern, treat a few plants and observe for phytotoxicity prior to full scale application.

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, wrap container and put in trash.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed 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 water after use. Obtain medical attention if irritation persists. Avoid contamination of food or feedstuffs.

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

LIMITATION OF LIABILITY

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Use only as directed. Buyer assumes all risks in using or handling this product in any way. WHITMIRE EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY. IN NO CASE SHALL WHITMIRE 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 Research Laboratories, Inc.
3558 Tree Court Ind. Blvd.
St. Louis, Missouri 63122
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