

PM03

499-430

11/17/99

1 of 3

Whitmire
TC 148a

Microencapsulated Concentrate

Contains Nylar*

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

FOR USE IN AND AROUND: 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, Planes¹), Utilities, Warehouses, and other Commercial and Industrial Buildings.

¹ Do not use in aircraft cabins.

* NYLAR - Registered trademark of Monsanto/Somley King Co.

ACTIVE INGREDIENT:

Pyriproxyfen 1.3%

INERT INGREDIENTS: 98.7%

EPA Reg. No. 499-430 EPA Est. No. 499-M0-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

See supplemental label for additional Precautionary Statements.

NET CONTENTS:



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

ACCEPTED
 NOV 17 1999
 Under the Federal Insecticide,
 Fungicide, and Rodenticide Act,
 as amended, for the pesticide
 registered under
 EPA Reg. No. 499-430

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.

* Do not use in aircraft cabins.

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ACTIVE INGREDIENT:

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

INERT INGREDIENTS: 98.7%

EPA Reg. No. 499-430 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.

See page 3 for additional Precautionary Statements.

A Prescription Treatment[®] brand insecticide from:

Whitmire Micro-Gen Research Laboratories, Inc.

3568 Tree Court Industrial Blvd.

St. Louis MO 63122-6682

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WHITMIRE MICRO-GEN

RESEARCH LABORATORIES INC.

800-777-8570

2 of 3



Whitmire TC 148a Microencapsulated Concentrate

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 on 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.

TC 148a prevents the emergence of adult fleas indoors and outdoors and prevents immature cockroaches from becoming reproductive adults. It can also kill immature cockroaches, flea eggs and flea larvae under certain situations. TC 148a will control fleas for seven months and cockroaches for six 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 rinse 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 agitate 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 where 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 where pests rest.

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 maybe 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, in all areas treated, 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.

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.

ENVIRONMENTAL HAZARDS

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 contaminate water when cleaning equipment or disposing of equipment washwaters.

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

3 of 3