

MAY 21 1992

301/5911331
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Ms. Barbara J. Varner
Unicorn Laboratories
1000 188th Ave North
St. Petersburg, Florida 33716

Dear Ms. Varner:

Subject: Label Amendment: Claims against Ticks which may carry
Lyme Disease and
Revision of Precautionary Statements
Unicorn Permethrin RTU Spray
EPA Registration No. 28293-125
Unicorn General Purpose Aqueous Insecticide II
✓ EPA Registration No. 28293-179
Your Letters dated October 25, 1991 and January 13, 1992

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit/cite all data required for registration/-reregistration of your product under FIFRA section 3(c)(5) or 4(a) when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

- a. Under the heading "Indoor Application" add the word "feed" to site currently designated as food i.e ----- Do not use in food/feed areas of food/feed handling establishments-----etc.
- b. Food/feed processing plants can imply use in U.S. Department of Agriculture (USDA) Meat and Plants. Therefore, either add the statement "Not for Use in USDA Meat and Poultry Plants" or submit an application to USDA requesting use in these areas. If granted, you can then indicate on the label that the product can be used in these areas.
- c. Change the paragraph under "Environmental Hazards" to

read as follows: CONCURRENCES

SYMBOL	This product is extremely toxic to fish and other					
SURNAME					
DATE					

- aquatic organisms. Do not apply directly to water, to areas where surface water is present or to intertidal or to intertidal areas below the high water mark.
- d. On top of the front label, revise/add the statement Recommended for Commercial /Agricultural----- officials.
to read as follows:
For Commercial /Agricultural Use and by Mosquito Abatement Officials Only.
 - e. Under the heading "dogs" add the precaution Do not use on old , sick or debilitated animals.
 - f. Under "adult mosquito control" revise the sentence to read-----when the wind velocity does not exceed 5 miles per hour but do not apply when wind speed exceeds 10 miles per hour.
Also, following the last sentence in this paragraph, add:
-----Not to be used within 100 feet (300 meters) of lakes and streams.
 - g. Under indoor application following the last sentence of the first paragraph, add:
-----In the home all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Exposed food/feed should be covered or removed.
 - h. Under indoor application, add the following precaution:
Do not apply to classrooms while in use.
 - i. Also, you may delete the limitation "For space spraying/fogging indoor----- etc.

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

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

Sincerely yours,

George T. LaRocca
Product Manager (13)
Insecticide & Rodenticide Branch
Registration Division (H7505C)

Enclosure

*P.S. On the front panel revise the statement to read,
"xx which may carry Lyme Disease."*

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UNICORN

GENERAL PURPOSE AQUEOUS INSECTICIDE II

A Concentrated Permanone* Stable Emulsion

READY TO USE

For Use Outdoors and in Homes, Kennels and Non-Food Areas, Commercial Buildings, Warehouses, Theaters, Office Buildings, Schools, Motels, Hotels and Food/Feed Processing Establishments.

For Control of Fleas, Brown Dog Ticks and Lice on Premises and on Dogs.

For Control of Ticks which may cause Lyme disease on Premises.

Controls Fleas and Ticks on Dogs for 35 Days.

Aids in Control of Ticks on Dogs for an Additional 2 Weeks.

ACTIVE INGREDIENTS:

Permethrin*..... 0.50%

INERT INGREDIENTS:..... 99.50%

100.00%

*(3-phenoxyphenyl) methyl (±) cis/trans 3-(2,2 dichloroethyl) 2,2-dimethylcyclopropanecarboxylate
Cis/trans ratio: Min. 35% (±) cis
Max. 65% (±) trans

PERMANONE - Registered trademark of Fairchild Corporation.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side/Back Panel for Additional Precautionary Statements.

NET CONTENTS:

ACCEPTED
with COMMENTS
in EPA Letter Dated

MANUFACTURED BY:

MAY 21 1992

Unicorn Laboratories
1002 118th Avenue North
St. Petersburg, Florida 33716

Under the
Fungicide
as Fungicide
registered

EPA REG. NO. 28293-179 (E:3/29/88)

EPA EST. NO. 28293-FL-1

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed. Avoid contamination of feed and foodstuffs. Remove pets and birds and cover fish aquaria before space spraying or surface applications.

Environmental Hazards

This product is toxic to fish. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters.

Statement of Practical Treatment

IF SWALLOWED: Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Call a physician immediately. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove affected person to fresh air. Apply artificial respiration if indicated.

IF ON SKIN: Remove contaminated clothing and wash affected areas with soap and water.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

DIRECTIONS FOR USE

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

SHAKE WELL BEFORE USING.

Do not use in the edible product areas of food/feed processing plants, restaurants or other areas where food/feed is commercially prepared or processed. Do not use in serving areas while food is exposed.

Non food/Feed Areas including (but not limited to) garbage rooms, lavatories, floor drains (to sewers) entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets, etc.

INDOOR APPLICATION:

SURFACE SPRAYING: To Control Cockroaches, Waterbugs, Palmetto Bugs, Scorpions, Millipedes, Centipedes, Sowbugs, Pillbugs, Ants, Silverfish, Firebrats, Spiders, Crickets, Clover Mites, Cheese Mites, Granary Weevils, Rice Weevils, Confused Flour Beetles, Rust Red Flour Beetles, Drugstore Beetles, Meal Worms, Grain Mites and Cadelles: Direct the spray into hiding places, cracks and crevices, behind shelves and drawers. For silverfish, spray bookcases. For ants, spray trails, nests and points of entry.

To Control Carpet Beetles: Spray edges of carpeting and under carpeting and rugs. Make localized application to floor and baseboards. Spray directly into cracks, crevices and infested areas. Repeat treatment as needed.

To Control Bedbugs: Spray mattresses lightly, particularly around tufts and seams. Take beds apart and spray in all joints. Treat baseboards, moldings and floors. Repeat treatment as needed.

To Control Fleas (adults and larvae) and Ticks, including Ticks which may carry Lyme disease (adults and larvae): Thoroughly spray infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames, and entire areas of floor and floor covering. Fresh bedding should be placed in animal quarters following treatment. Repeat treatment as needed. Allow to dry thoroughly before allowing pets to contact treated areas.

To Control Clothes Moths: Remove any infested articles from storage, brush thoroughly, and air for several hours in sunlight, if possible. Apply spray liberally to empty chests, closets, bureaus and other storages, directing the spray into cracks, joints and crevices. After airing, infested articles may be treated lightly, keeping nozzle at least three feet from fabric to avoid staining.

To Kill Lice and Louse Eggs: Spray in an inconspicuous area to test for possible staining or discoloration. Inspect again after drying, then proceed to spray entire area to be treated. Spray from a distance of 8 to 10 inches. Treat only those garments and parts of bedding, including mattresses and furniture that cannot be either laundered or dry cleaned. Allow all treated articles to dry thoroughly before use.

ON LIVESTOCK: To Protect Cattle (beef and dairy), Goats, Sheep, Hogs and Horses from horn flies, face flies, house flies, mosquitoes and gnats: Apply a light mist sufficient to wet the surface of the hair. For face flies, spray face and head, but do not spray into eyes.

To Control Stable Flies, Horse Flies and Deer Flies: Apply at a rate of 2 ounces per adult animal, sufficient to wet the hair thoroughly. Repeat treatment daily or at intervals necessary to give continued protection.

To Control Blood-sucking Lice: Apply to the infested areas of the animal, using a stiff brush to get the spray to the base of the hair. Repeat every 3 weeks if required.

To Control Poultry Lice: Spray roosts, walls and nests or cages thoroughly. This should be followed by spraying over the birds with a fine mist.

To Control Bedbugs and Mites in Poultry Houses: Spray crevices of roost poles, cracks in walls, and cracks in nests where the bedbugs and mites hide.

ON DOGS: To Control Fleas, Ticks and Lice: Start spraying at the tail, moving the dispenser rapidly and making sure that the animals entire body is covered, including the legs and underbody. While spraying, fluff the hair so that the spray will penetrate to the skin. Make sure spray wets thoroughly. Do not spray into eyes and face. Avoid contact with genitalia. Repeat as necessary.

NOTE: Not recommended for use on puppies less than four weeks old.

OUTDOOR APPLICATION

To Control Ticks, Including Ticks Which May Carry Lyme Disease (Perimeter Treatment):

Use Unicorn General Purpose Aqueous Insecticide as a residual treatment to control Ticks including the Deer Tick (*Ixodes dammini*), Lone Star Tick (*Amblyomma americanum*), Brown Dog Tick (*Rhipicephalus sanguineus*), American Dog Tick (*Dermacentor variabilis*) and Wester Black-legged Tick (*Ixodes pacificus*).

For each area listed below, apply until surface is wet (approximately 1 gal/750 - 1000 ft²).

Treat around windows and doors, porches, screens, eaves, patios, garages, under stairways and in crawl spaces where these pests may enter.

Treat a band of vegetation and leaf litter 6 to 10 feet wide around the outside of buildings to help control ticks occurring there.

To help control ticks in outdoor activity areas, treat a band of vegetation and leaf litter 6 - 10 feet wide and adjacent to activity areas, especially where dense vegetation occurs.

FOR CONTROL OF GARDEN INSECTS: For use on Roses, Dahlias, Asters and other Ornamentals to kill Japanese beetles hit by spray as well as whiteflies, aphids, exposed thrips, spiders, red mites and leafminers. May be used on plants as a multi-purpose spray in small gardens and for spot treatments of incipient insect infestations to prevent spreading in large garden areas.

May also be used on other plants such as African violets, asters, azaleas, begonias, camellias, carnations, chrysanthemums, dahlias, delphiniums, dogwoods, English ivy, eunonymus, fuschia, geraniums, crassula, grape vines, Kentia palms, laurels, marigolds, rhododendrons, roses, rubber plants, snapdragons, stocks, wandering Jews and zinnias.

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Effective when used as directed against whitefish, aphids, spider and red mites, exposed thrips, lace bugs, Japanese beetles, pavement ants, clover mites and army worms.

When spraying plants, do not operate closer than 18 inches. Use sweeping motion. Be cautious about wetting tender foliage, young plants and new growth. Do not spray plants when temperatures exceed 90°F. Contact insects directly whenever possible. Repeat treatment as infestations occur.

STORAGE AND DISPOSAL

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

Do not reuse empty container. Wrap container and put in trash collection.

Buyer assumes all risks of use, storage or handling of this product not in strict accordance with directions given herewith.