

PM

28293-181

9/30/98

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

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Mr. Barry J. Santerre
Unicorn Laboratories
12385 Automobile Blvd.
Clearwater, FL 33762

SEP 30 1998

Dear Mr. Santerre:

Subject: Amendment- add animal and animal premises
Unicorn Insecticide Emulsifiable
EPA Registration Number 28293-181
Your submissions dated May 21, 1997 and you fax dated
March 25, 1998

The product referred to above will be acceptable for registration under FIFRA sec. 3(c)(7)(A) provided that you:

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

2. Make the labeling changes listed below:

a. Revise the statement Recommended for Commercial/Industrial Use to "For Sale to, Use and Storage by Commercial Industrial and Institutional Applicators Only". This should appear on the top front panel.

b. Under the Precautionary statements add "xxx when applying indoors as a space spray or fog", to the end of the sentence beginning, Wear a pesticide respirator jointly approved xxx.

c. The statement should read "Not for Use in Federally Inspected Meat and Poultry Plants".

d. On page 3 delete "For persistent infestations consult a professional applicator" since this product is apply by commercial applicators only.

e. On page 5 7th paragraph revise the statement to read:

"Thoroughly wet pest breeding areas but do not allow run off to occur."

SYMBOL							
SURNAME							
DATE							

f. Under Livestock Premise add the following precaution
"Do not treat when animals are present or remove animals
prior to treatment.

3. Submit two (2) 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 constitutes
acceptance of these conditions.

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

Sincerely,

George T. LaRocca
Product Manager (13)
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosure

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- ☐ READ ENTIRE LABEL BEFORE EACH USE.
- ☐ FOR PET USE - USE ONLY ON DOGS OR CATS

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

WARNING: Harmful if swallowed. Causes eye irritation. Do not get in eyes. Avoid contact with skin or clothing. Avoid breathing vapor. Wash thoroughly after handling. Do not use in food handling areas. Wear goggles or face shield when mixing, handling, or applying product. Wear a pesticide respirator jointly approved by the Mine Safety and Health Administration and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part II. Sensitivities may occur after using **ANY** pesticide product for pets. If signs of sensitivity occur *bathe your pet with mild soap and rinse with large amounts of water.* If signs continue, consult a veterinarian immediately.

Environmental Hazards

This product is extremely toxic to fish. Do not contaminate water when disposing of equipment wastewaters. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Apply this product only as specified on this label.

Physical and Chemical Hazards

Do not use or store near heat or open flame. Flashpoint minimum of 110°F (43°C).

Statement of Practical Treatment/ First Aid

- IF SWALLOWED:** Call a physician or Poison Control Center. Do not induce vomiting. This product contains petroleum solvent. Aspiration may be a hazard.
- IF INHALED:** Remove victim to fresh air. Apply artificial respiration if indicated. Get medical attention.
- IF IN EYES:** Flush with plenty of water. Get medical attention.
- IF ON SKIN:** Wash with soap and plenty of water. Get medical attention if irritation persists.

DIRECTIONS FOR USE

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

FOR USE IN NON-FOOD AREAS INDOORS AND OUTSIDE PREMISES OF HOTELS, MOTELS, HOMES, PRESCHOOLS, NURSERIES, DAY CAMPS, GREENHOUSES, LATHHOUSES, SEED HOUSES, FOOD HANDLING ESTABLISHMENTS, PACKAGING AND PROCESSING PLANTS, COMMERCIAL, INDUSTRIAL, OFFICE, INSTITUTIONAL AND STORAGE BUILDINGS, DAIRIES, MILK STORAGE ROOMS, EGG PROCESSING PLANTS, SUPERMARKETS, RESTAURANTS, BOTTLING PLANTS, CANNERIES, FLOUR AND FEED MILLS, BAKERIES, AND HOSPITALS. IN HOSPITALS, PATIENTS SHOULD BE REMOVED PRIOR TO TREATMENT. ALSO FOR USE IN CAMPERS, MOBILE HOMES, BUSES, AUTOMOBILES, TRUCKS AND BOXCARS. ALSO FOR USE IN DOG KENNELS AND HORSE STABLES. IN HORSE STABLES, NOT FOR APPLICATION IF HORSES WILL BE USED FOR FOOD.

DO NOT USE IN THE FOOD/FEED AREAS OF FOOD/FEED HANDLING ESTABLISHMENTS, RESTAURANTS OR OTHER AREAS WHERE FOOD IS COMMERCIALY PREPARED OR PROCESSED. DO NOT USE IN SERVING AREAS WHILE FOOD IS EXPOSED OR WHILE FACILITY IS IN OPERATION (SERVING AREAS ARE FACILITIES WHERE PREPARED FOODS ARE SERVED, SUCH AS DINING ROOMS, BUT EXCLUDING AREAS WHERE FOODS MAY BE PREPARED OR HELD).

NOT FOR USE IN USDA MEAT AND POULTRY PLANTS.

EXAMPLES OF NONFOOD AREAS IN FOOD/FEED HANDLING ESTABLISHMENTS INCLUDES GARBAGE ROOMS, LAVATORIES, FLOOR DRAINS (TO SEWERS) ENTRIES, VESTIBULES, OFFICES, LOCKER ROOMS, MACHINE ROOMS, BOILER ROOMS, GARAGES, MOP CLOSETS AND STORAGE (AFTER CANNING OR BOTTLING).

For contact and residual sprays, mix product with water in the following manner:

FINISHED SPRAY	13.3% EC (fluid ounces)	WATER
0.25%	2-2/3 (79 ml)	1 gallon (3.79 L)
0.25%	2/3 (20 ml)	1 quart (0.95 L)
0.50%	5-1/2 (163 ml)	1 gallon (3.79 L)
0.50%	1-1/3 (39 ml)	1 quart (0.95 L)

For heavy infestations, use the 0.50% dilution. For lighter infestations and for maintenance purposes, use the 0.25% dilution.

PEST INDOORS

For residual and contact control of cockroaches (waterbugs), crickets, silverfish (firebrats), clover mites, millipedes, centipedes, earwigs, sowbugs (pillbugs), spiders, brown dog ticks, lone star ticks, ants, fire ants, clothes moths, carpet beetles, fleas, box elder bugs, scorpions, spider beetles, bed bugs, grasshoppers, house flies, mosquitoes, gnats, fruit flies, cluster flies, flying moths, confused flour beetles, saw-toothed grain beetles, shiny spider beetles, grain mites, red flour beetles, angoumols grain moths, grain weevils, indian meal moths, Mediterranean flour moths, lesser grain borers, cigarette beetles, drug store beetles, chocolate moths:

Spray thoroughly into hiding places such as cracks, crevices, moist areas, openings around pipes and sinks, under refrigerators, baseboards, and storage areas. Spray directly on insects were possible.

For Bedbugs: Apply as a spot treatment to cracks and crevices, around baseboards, floorboards, bed boards and walls. First, thoroughly clean and air mattresses and springs. Then spot treat only areas that may harbor bedbugs, concentrating on tufts, folds and seams. Repeat as necessary. For persistent infestations, consult professional applicator.

Grain Insects: To control confused flour beetles, saw-toothed grain beetles, spider beetles, shiny spider beetles, grain mites, red flour beetles, angoumols grain moths, grain weevils, indian meal moths, Mediterranean flour moths, lesser grain borers, cigarette beetles, drug store beetles, chocolate moths, carpet beetles: Remove infested grain, cereal or flour and destroy. Avoid contamination of other food and foodstuffs in the areas by removing before spraying. Spray directly on exposed stages and into cracks and crevices where grain insects may be hiding. In homes, dispose of all infested products. The shelves and drawers should be cleaned and thoroughly sprayed so as to contact all pests, and covered with shelf paper after allowing shelves to dry. Any utensils that are contacted with spray should be washed before using. Repeat as necessary.

Spiders: Spray directly on these pests and use repeated applications to the webbing and all cracks and crevices which harbor spiders.

Ants (Including Fire Ants): To kill ants, spray trails, nests and points of entry within buildings and homes. Spray directly on ants where possible. Repeat as necessary.

Wasps, Hornets, Yellow Jackets, Bees: Application should be made in the late evening when insects are at rest. Spray liberally into hiding and breeding places, especially under attic rafters, contacting as many insects as possible. Repeat as necessary.

House Flies, Mosquitoes, Cluster Flies, Gnats, Fruit Flies, Flying Moths: Close off all doors and windows. Point sprayer upward. Direct spray mist to all parts of the room, especially windows and other light sources which may attract these insects. Fill the room with mist, then leave the treated area. Keep the room closed for at least 15 minutes. Ventilate the room when treatment is completed.

Carpet Beetles and Clothes Moths: To treat carpets, hold container 14-18 inches (36-48 cm) from carpet. Apply spray evenly, covering the entire surface until slightly moist. Spray underside of carpet when possible. Avoid wetting or soaking. To Treat Garments, Blankets, Carpets and Other Fabrics Before Storage: Dry clean or wash before treatment and after storage. Apply spray evenly, covering the material on both sides until slightly moist. For best results, place treated materials in plastic bags after drying, and store in a dark place. Also spray floor and baseboards, closets, cracks, crevices, infested areas of shelving and/or wherever these insects are seen or suspected.

OUTDOOR PEST CONTROL

Pests on Outside Surface of Buildings: Use this product to control ants, clover mites, crickets, earwigs, millipedes and sowbugs (pillbugs) on the outside surfaces of buildings. To help prevent infestation of buildings, treat the building foundation to a height of 2 to 3 feet (0.5 to 1 m), where pests are and may find entrance.

Also, apply as a residual spray to outside surface of buildings, including porches, screens, window frames, eaves, patios, garage, refuse dumps, and other areas where these pests congregate or have been seen. Repeat treatment as needed to maintain effectiveness.

House Flies, Mosquitoes, Cluster Flies, Gnats, Flying Moths Outdoors: For outdoor use only as an aid in reducing annoyance from these insects. Spray outside surfaces of screens, doors, window frames or wherever these insects may enter the room. Also treat surfaces around light fixtures on porches, in garages and other places where these insects alight or congregate. Repeat as necessary.

Ants, Lone Star Ticks, Crickets, Fleas and Earwigs Outdoors: For treatment of localized infestations of these insects in outdoor areas where there are weeds or bushy non-crop areas, spray infested areas thoroughly. For ants, thoroughly wet hills and runways. Repeat application as infestations warrant and as reinfestations occur.

Wasps, Hornets, Yellow Jackets, Bees: Application should be made in late evening when insects are at rest. Aim spray at nest openings in ground, bushes, and in cracks and crevices which may harbor nests, saturating nest openings and contacting as many insects as possible.

To Control Fire Ants: Dilute 2 tablespoons (30 ml) of this product in 1 gallon (3.79 L) of water. Apply 1 gallon (3.79 L) of solution as a gentle rain to each fire and mound using a sprinkler can. Thoroughly wet the mound and surrounding area to a 4 foot diameter (1.22 m). For best results, apply in cool weather, 65-80°F (18.5-27°C), or in early morning or late evening hours. Treat new mounds as they appear. Do not disturb the mound prior to treatment. If possible, treat all mounds in the vicinity, and treat all colonies which may not as yet have constructed a mound.

Larger quantities of solution can be prepared for multiple mound treatments. Equipment to deliver the diluted product as a gentle rain at the rate of 1 gallon (3.79 L) per mound is still required. Do not use equipment that produces a pressurized spray as pressurized sprays may disturb fire ants and cause migration, reducing product effectiveness.

PETS AND PET PREMISE USE

For initial clean up of severe insect infestation, use the 0.5% dilution rate. For normal infestations, dilute one (1) part concentrate in 116 parts water (1.1 fl. oz. per gallon) to give 0.1% active permethrin.

Fleas, Brown Dog and Lone Star Ticks on Dogs, Cats, and Premises: Spray animals along back, under forelegs and on other areas, except scrotum, face and anus. Part hair to contact skin and insure good coverage. Hold sprayer about one foot (30 cm) away while spraying. Apply until hair is thoroughly moist do not spray directly in eyes, mouth, or nose of animal. Allow animal to dry in a warm place without rinsing or toweling. Gives long lasting protection against reinfestation with applications at intervals of two to three weeks. Reapply every two weeks, as needed. **Do not treat kittens or puppies less than twelve (12) weeks of age. Consult a veterinarian before using this product on debilitated, aged, pregnant or nursing animals or animals on medication. Treat Cats with the 0.1% Dilution Rate Only!**

To prevent reinfestation, and to control fleas, flies, ticks and lice in kennels, dog houses, runs and yards: Thoroughly wet pest breeding or resting areas to run-off. Most efficient pest control is accomplished when heavy pressure and good contact is achieved. Timing and frequency of application should be based on pest populations reaching nuisance levels, but accompanying manure removal and sanitation practices should precede sprays. Contact as many insects as possible. Treat the floor areas, cracks and crevices in the floor and along the baseboards at the rate of 2 seconds per linear foot (30 cm) at a distance of 12 to 18 inches (30-45 cm). Also spray the entire inside surface of dog houses. **Do not spray food, feed or water. Repeat as needed but not more often than once every two weeks.**

ANIMALS AND ANIMAL PREMISE USE

LIVESTOCK SPRAY: Dairy and beef cattle, sheep, goats, swine, horses and poultry. For swine, do not ship animals for slaughter within 5 days of last treatment.

To control horn flies, house flies, mosquitoes and gnats, use the 0.50% dilution rate and apply to wet hair thoroughly, with particular attention to topline, underline, flanks, withers, and other infested areas. Repeat treatment at intervals of 5 to 12 days for small insect populations or as needed when flies are emerging in large numbers.

To control stable flies, horse flies and deer flies, use the 0.50% dilution rate and apply using a quart per adult animal to wet the hair thoroughly with particular attention to the legs, flanks, barrel, topline and other body areas commonly attacked by these flies. Repeat treatment as needed.

To control face flies, use the 0.50% dilution rate and apply using spray which produces large wetting droplets. Apply to the face of the animal in the morning before releasing to pasture. Apply sufficiently to wet the face but not more than 1.5 oz. per animal. Repeat daily as needed.

To control lice (including poultry lice), northern fowl mites, and mange, using the 0.5% dilution rate, spray roosts, walls and nests or cages thoroughly. This should be followed by spraying over the birds with a fine mist.

For swine, thoroughly soak animal, including ears. Retreat at 14 days for mange. Treat walls and bedding.

To control bedbugs and mites in poultry houses, using the 0.5% dilution rate, spray crevices of roost poles, cracks in walls and cracks in nests where these pests hide.

To control sheep "tick" or ked, use the 0.5% dilution rate and thoroughly wet all portions of the body by dipping or by spraying with sufficient pressure and with a nozzle adjustment to give penetration of the wool. Treat at a rate sufficient to wet the animal.

To control fleas on livestock and to obtain protection against reinfestation, use the 0.5% dilution rate and wet the animal by dipping or spraying.

LIVESTOCK PREMISES: Barns, milking parlors, milk rooms, dairies, poultry houses, swine and livestock housing.

To control flies, mosquitoes and gnats, use the 0.5% dilution rate and apply as a fog or fine mist, directing the spray toward the ceiling and upper corners until the area is filled with the mist, using about 2 ounces per 1000 cubic feet of space. For best results, close doors and windows before spraying and keep them closed for 10 to 15 minutes. Vacate the treated area and ventilate before reoccupying. Repeat as necessary.

STORAGE AND DISPOSAL

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

STORAGE: Store product in original container in a locked storage area.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

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CONTAINER For containers **One Gallon and Under**: Do not reuse empty container. Wrap
DISPOSAL: container and put in trash. **For Containers Over One Gallon**: Triple rinse (or
equivalent). Then offer for recycling or reconditioning, or puncture and dispose of
in a sanitary landfill, or by other procedures approved by State and Local
authorities.

WARRANTY STATEMENT

Our recommendations for the use of this product are based upon tests believed to be reliable. The
use of this product being *beyond the control of the manufacturer*, no guarantee, expressed or
implied, is made as to the effects of such or the results to be obtained if not used in accordance
with the directions or established sale practice. The buyer must assume all responsibility, including
injury or damage, resulting from its misuse as such, or in combination with other materials.