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28293-119

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S519413



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 WASHINGTON, D.C. 20460

JAN 29 1998

Mr. Barry Santerre
 Vice President/Product Manager
 Unicorn Laboratories
 13535 Feather Sound Drive, #400
 Clearwater, FL 34622-5587

Dear Mr. Santerre:

Subject: Unicorn Malathion Multipurpose Insecticide
 EPA Registration No. 28293-119
 Your Application, Dated February 18, 1997

The labeling amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, As Amended (FIFRA), is acceptable, provided that you:

Submit one copy of your final printed label incorporating the following corrections before you release the product for shipment.

1. Correct the side/back panel signal word WARNING to CAUTION as it appears on the front panel of the submitted label and as it appears on the label previously accepted on February 6, 1997. The same signal word must be used in both places.

2. Enlarge the "NON-AGRICULTURAL USE REQUIREMENTS" box to include the last paragraph on page 4 ("For indoor use of this product for the treatment of empty _ _ _ ").

3. Add the words, "For terrestrial uses" to the second sentence of the Environmental Hazards section so that the sentence reads as stated below.

"For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark."

4. Delete the statement, "Application of this product to any body of water is prohibited." The statement cited in item number 3 of this letter is the required water application prohibition statement for the product.

If this condition is not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product bearing the amended label constitutes acceptance of this condition.

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

Sincerely,

Marilyn A. Mautz
Biologist
Insecticide-Rodenticide Branch
Registration Division (7504C)

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ACCEPTED
with COMMENTS
in EPA Letter Dated:

JAN 29 1998

UNICORN

MALATHION
Multi-Purpose Insecticide

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

28293-119

**Kills: Aphids, Red Spiders, Bagworms, White Flies,
and many other Insects that Harm Gardens**

ACTIVE INGREDIENTS:

Malathion: O,O-dimethyl dithiophosphate of
diethyl mercaptosuccinate..... 50.0%

INERT INGREDIENTS:*..... 50.0%

100.0%

* Contains Petroleum Distillate

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side/Back Panel for Additional Precautionary Statements

NET CONTENTS:

MANUFACTURED BY:

Unicorn Laboratories
13535 Feather Sound Drive, Suite 400
Clearwater, Florida 34722-5587

EPA REG. NO. 28293-119WPS(E:2/6/97)

**EPA EST. NO. 62478-FL-1A
44616-MO-1B**

Subscript used is first letter
of run code on container

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PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING: Avoid breathing spray mist. Avoid contact with skin, eyes, or clothing. Harmful if swallowed. Avoid contamination of feed or food stuffs. Keep out of reach of children and domestic animals.

PERSONAL PROTECTIVE EQUIPMENT: Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear:

- * Long sleeved shirt and long pants.
- * Chemical-resistant gloves, such as Barrier Laminate, or Butyl Rubber, or Nitrile Rubber or Viton.
- * Shoes plus socks
- * Protective eyewear

Follow manufacture's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS:
 Users should:
 *Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
 *Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
 *Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Statement of Practical Treatment
Organophosphate

IF SWALLOWED: Contact a physician or Poison Control Center immediately. Do not induce vomiting unless directed by a physician. Vomiting may cause aspiration pneumonia. Do not induce vomiting or give anything by mouth to an unconscious person.

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

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

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

NOTE TO PHYSICIAN: Malathion is a cholinesterase inhibitor. Atropine is antidotal. This product contains petroleum solvent. Vomiting may cause aspiration pneumonia.

Environmental Hazards

This pesticide is toxic to fish, aquatic invertebrates, and aquatic life stages of amphibians. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in treated areas. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

Do not use, pour, spill or store near heat or open flame.

DIRECTIONS FOR USE

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

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

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AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protection equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- * Coveralls
- * Chemical resistant gloves, such as Barrier Laminate, or Butyl Rubber, or Nitrile Rubber or Viton.
- * Shoes plus socks
- * Protective eyewear

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are *NOT* within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

For Indoor Use of this product for the treatment of empty storage facilities before storing grains: Use only with adequate ventilation. After using this product indoors, ventilate thoroughly before occupying enclosed spaces. Do not allow contact with treated surfaces until sprays have dried.

GRAIN

(Barley, Corn, Oats, Rye, Wheat)

RESIDUAL SPRAY-BEFORE STORING GRAINS: For the control of Cereal Leaf Beetle, Confused Flour Beetle, Flat Grain Beetle, Granary Weevil, Indian Meal Moth, Lesser Grain Borer, Maize Weevil, Red Flour Beetle, Rusty Grain Beetle, Saw-toothed Grain Beetle. For a residual wall, floor and machinery spray in grain elevators, in treating truck beds, box cars and ships' holds before loading grain, use 1 pint per 3 gallons of water (or 6 oz. per 1 gallon of water) and make thorough application. Before applying spray, clean elevators, box cars, etc. thoroughly. Remove and burn all sweepings and debris.

OUTDOORS

ORNAMENTALS (Roses, Camellias, Azaleas, Gladiolus, and Evergreens): For Aphids, Rose Leafhoppers, Spider Mites, Thrips, Lace Bugs, White Flies, Mealybugs, use 2 teaspoons per gallon of water. For Japanese Beetle Adults, Tarnished Plant Bugs, Four-lined Leaf Bugs, Birch and Boxwood Leaf Miners, Scale Crawlers and Bagworms, use 4 teaspoons per gallon of water. Make thorough, full-coverage spray with repeated applications as necessary. For scales, apply when crawlers have settled on foliage. Injury may occur on certain ferns, including Boston, Maidenhair and Pteris, as well as some species of crassula.

VEGETABLES: Apply 1 teaspoon per gallon of water on potatoes for Aphids, Leafhoppers and Mealybugs. Apply 2 teaspoons per gallon of water for the following vegetables and insects: Lettuce (aphids and Leafhoppers), Cabbage, Kale and Spinach (Aphids), Beans [dried and succulent] (Aphids, Spider Mites, Leafhoppers and Japanese Beetles), Cucumbers and Squash (Aphids and Spider Mites).

IMPORTANT! Do not apply to Beans, Cucumbers and Squash within 1 day of harvest. Do not apply to Head Lettuce, Cabbage, Spinach and Kale within 7 days of harvest. Do not apply to Leaf Lettuce within 14 days of harvest.

NOTE: The grazing or feeding of the treated crop foliage by livestock for beans (vines/forage and straw/hay) is prohibited.

MOSQUITO CONTROL

Broadcast use only over intermittently flooded areas. Application may not be made around bodies of water where fish or shellfish are grown and/or harvested commercially.

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Mosquito larvae in standing water - Apply this product at the rate of 1 pint (approximately 1/2 pound of Malathion) per acre. Mix in sufficient water or oil when applied by air or ground equipment. **Outdoors - Mosquitoes, flies and small flying insects:** As a space spray, dilute this product 1 to 45 parts water, fuel oil or diesel oil. Apply at rate of 8 ozs. Per 1000 sq. Ft. Do not apply in food crop areas. Avoid applying oil-based formulations to valuable ornamental plants (such as Boston and Maidenhair and Pteris Fern, and some species of Crassula) as injury may occur. *Application of this product to any body of water is prohibited.*

STORAGE AND DISPOSAL

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

Storage: Store in original container in a cool, locked storage area away from heat and open flame.

Pesticide Wastes resulting from the use of this product may be

Disposal: disposed of on site or at an approved waste disposal facility.

Container Do not reuse empty container. Wrap container in

Disposal: newspaper and put in trash.