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ACCEPTED

JAN 18 1989

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for this pesticide registered under EPA Reg. No. 26293-119

**UNICORN
MALATHION**

Multi-Purpose Insecticide

Kills: Aphids, red spiders, bagworms, white flies, fleas, and many other insects that harm gardens and/or pets and livestock.

ACTIVE INGREDIENTS:

Malathion: 0,0-dimethyl dithiophosphate of diethyl mercaptosuccinate'	50.0%
Heavy Aromatic Naphtha	39.4%

INERT INGREDIENTS: 10.6%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Back Panel for Additional Precautions

Net Contents:

Manufactured By

UNICORN LABORATORIES

ST. PETERSBURG, FL 33716

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Avoid breathing spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after using. Harmful if swallowed. Avoid contamination of feed or food stuffs. Keep out of reach of children and domestic animals.

PHYSICIANS: In event of cholinesterase inhibition, atropine is antidotal.

ENVIRONMENTAL HAZARDS:

"This pesticide is toxic to fish, aquatic invertebrates, and aquatic life stages of amphibians. Do not apply directly to water or wetlands (i.e., swamps, bogs, marshes, and potholes). Drift and runoff may be hazardous to aquatic organisms in areas near the application site. 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.

ORNAMENTALS (Roses, Camellias, Azaleas, Gaidiolus, 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.

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 (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. Do not apply to Peas within 3 days of harvest or within 7 days of harvest if treated vines are to be used to feed livestock.

LIVESTOCK

BEEF AND NON-MILKING CATTLE

LICE: Dilute 4 ounces of this product with 3 gallons of water. Treat animals thoroughly.

TICKS: Dilute 4 to 9 ounces of this product with 3 gallons of water. Treat animals thoroughly. Repeat applications at 2 week intervals if needed.

HORN FLY: Dilute 4 to 7 ounces of this product with 3 gallons of water. Apply on back and neck of the animals and repeat applications at 10-14 day intervals. Do not treat animals under one month of age.

When applying sprays, avoid contamination of feed, food containers and watering troughs.

Do not apply to lactating dairy animals or non-lactating dairy animals within 2 weeks of freshening unless otherwise noted.

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BACK RUBBING DEVICES

For the reduction of lice, apply a mixture of 2% Malathion (using this product) in fuel oil. There may also be a reduction in horn flies. These devices should be made continuously accessible one to each 35-45 head of cattle and retreated every 2-3 weeks.

DO NOT MAKE ACCESSIBLE TO LACTATING DAIRY ANIMALS OR NON-LACTATING DAIRY ANIMALS WITHIN 2 WEEKS OF FRESHENING.

HOGS

LICE: Dilute 4 ounces of this product with 3 gallons of water. Treat animals, pens and litter thoroughly.

SARCOPTIC MANGE: Dilute 4 ounces of this product with 3 gallons of water. Use extreme care to cover all body surfaces including the inside of the ears. Second treatment may be necessary in 10 days. Hogs should be kept out of sun and wind for a few hours after treatment.

SHEEP AND GOATS

LICE, TICKS AND KEDS: Dilute 4 ounces of this product with 3 gallons of water. Treat animals thoroughly. Repeat application after 2 or 3 weeks if needed. Do not apply to milk goats.

FLEAS IN DOG KENNELS, YARDS AND ON DOGS

Spray infested areas with 10 tablespoons (5 ounces) this product in 1 gallon water at rate of 1 gallon mixture to 1000 square feet. Remove manure and debris before spraying. Wet dogs with 2 tablespoons this product in 1 gallon water. Animals should be closely examined for fleas before retreating. Repeat treatment not more often than once every 2 or 3 weeks. Do not treat dogs under one month of age.

MOSQUITO CONTROL

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 Cras-sula) as injury may occur.

FIELD AND GARDEN SEEDS

Field and garden seeds can be protected against the Cereal Leaf Beetle, Confused Flour Beetle, Flat Grain Beetle, Granary Weevil, Indian Meal Moth, Lesser Grain Borer, Maize Weevil, Red Flour Beetle, Rice Weevil, Rusty Grain Beetle and Saw-toothed Grain Beetle. Use a dosage of 1/2 pint of this product in 1-2 1/2 gallons of water per 440 bushels of seed. This product may be used under the requirement of the Khapra beetle quarantine, where water or diesel oil emulsions are indicated, as prescribed by the current quarantine instructions.

BEDBUGS

Dilute this product at the rate of 2-4 tablespoons per 1 gallon of deodorized kerosene. Apply lightly to all mattress surfaces, in sufficient quantity to "mist" the fabric and generously to beds and woodwork with special care taken to wet all possible hiding places. Avoid contamination of food, foodstuffs, utensils, milk equipment and water. Repeat applications as necessary.

GRAIN

(Barley, Corn, Grain Sorghum, Oats, Rice, 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, Rice Weevil, 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.

GRAINS GOING INTO STORAGE: Apply 1 pint of this product in 2-5 gallons of water per 875 bushels. Apply as the grain is being loaded or turned into final storage.

AFTER GRAINS ARE STORED: To protect stored grains from attack by Indian Meal Moth, apply this product to the surface of clean or uninfested grain at the rate of 1/2 pint in 1-2 gallons of water per 875 square feet of grain surface area. Apply the spray evenly over the surface of the grain. Apply immediately after grain is loaded into storage and repeat if necessary.

RESIDUAL SPRAY—BOX CARS FOR LOADING AND TRANSPORTING BAGGED FLOUR AND PACKAGED CEREALS: For the control of Confused Flour Beetle, Rice Weevil, Granary Weevil, Saw-toothed Grain Beetle, Flat Grain Beetle, Red Flour Beetle, Rusty Grain Beetle, Lesser Grain Borer, Indian Meal Moth and mite pests infesting empty box cars into which bagged flour and packaged cereals are to be loaded and transported, apply this product as follows:

1. Clean the box car thoroughly, then remove and burn all sweepings and debris.
2. Spray walls and floor to the point of run-off with either 1 gallon of this product in 22 gallons of water or 1 gallon of this product in 16 1/2 gallons of deodorized kerosene. (The deodorized kerosene solution should be made up of 4 parts solvent).
3. Let the sprayed box car stand empty with the doors open until the spray has thoroughly dried.
4. Line the walls and floor of the box car with kraft paper before loading.

DISPOSAL

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

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