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

MAR 04 1997

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Ms. Judith K. Lemm
Manager, Regulatory Affairs
Rockland Corporation
P.O. Box 809
West Caldwell, NJ - 07006

Dear Ms. Lemm:

Subject: Deletion of Unsupported Malathion Uses
Rockland Malathion 57%
EPA Reg. No. 572-145
Labeling Submitted September 15, 1994
Federal Register Notices of March 18, 1991 and
November 30, 1994

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. Delete the following statements which appear on the top of page three of the submitted label and place them inside the Agricultural Use Requirements block. These statements are not appropriate for the non-Worker Protection Standard uses appearing on the subject product labeling.

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

2. Add a statement to the directions for use on beans and peas prohibiting the grazing or feeding of the treated crop foliage by livestock (vines/forage and straw/hay).

3. In the directions for use against mosquitoes, flies and small flying insects, delete the redundant statement, "Malathion may be toxic to certain species of fish, particularly in shallow water." The Environmental Hazards section of the label contains the necessary fish and wildlife cautions.

4. In the directions for use on flies, clarify the use site

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by specifying outdoor use.

5. Clarify the label claim for mosquitoes by specifying whether the product is intended for use against adult mosquitoes, and/or mosquito larvae (an aquatic use site).

If it is to be used for mosquito larvae, revise the labeling as specified below.

a. Specify use in intermittently flooded areas

b. Add the following use restrictions to the directions for mosquito larvae use. These restrictions are being required in lieu of conducting residue chemistry studies under 171-4 (Magnitude of the Residue in Fish and Shellfish and Magnitude of the Residue in Drinking and Irrigation Water).

"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."

c. Revise the Environmental Hazards statement, "Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark." to read as follows.

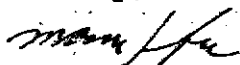
"For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark."

6. Delete the note regarding the pre-harvest interval for apples and pears appearing on page 4 of the submitted label. The label claims and directions for use on these crops have been deleted from the label.

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,


William W. Jacobs, Ph. D.
Acting, Product Manager Team 14
Insecticide-Rodenticide Branch
Registration Division (7505C)

New/Proposed Labeling
(Accepted per WPS requirements 5/26/94)

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAR 0 4 1997

Rockland

MALATHION 57%

Emulsifiable Concentrate

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
572-145

- ACTIVE INGREDIENTS:

*Malathion: 0,0-dimethyl phosphorodithioate of diethyl mercaptosuccinate..... 57%

**INERT INGREDIENTS..... 43%
100%

*Cythion - The premium grade Malathion
Contains 5 lbs. Actual Malathion per gal.

**This product contains Aromatic Petroleum solvent

EPA Reg. No. 572-145

EPA Est. No. 572-NJ-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

NOTE TO PHYSICIAN: Malathion is an organophosphate. Upon repeated, prolonged
or careless use may cause cholinesterase inhibition. Atropine is antidotal.

See Side Panel For Additional Precautionary Statements

Net Contents:

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STATEMENT OF PRACTICAL TREATMENT
ORGANOPHOSPHATE

IF SWALLOWED: Call a physician immediately. DO NOT induce vomiting. NOTE TO PHYSICIAN: Malathion, upon repeated, prolonged or careless use may cause cholinesterase inhibition. Atropine is antidotal. 2-PAM may be effective as an adjunct to atropine. IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Immediately flush eyes with plenty of water. IF INHALED: Remove to fresh air.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS: CAUTION: Harmful if swallowed, inhaled, or absorbed through the skin. Avoid breathing spray mist. Avoid contact with skin, eyes and clothing. Do not contaminate feed or food.

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 G 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 Viton 14 mils., and shoes plus socks. Follow manufacturer'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.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish, aquatic invertebrates, and aquatic life stages of amphibians. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. 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.

PHYSICAL OR CHEMICAL HAZARDS: Malathion may be used with most common insecticides and fungicides. Alkaline material such as lime and Bordeaux mixtures may reduce its effectiveness. KEEP AWAY FROM 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. This product must not be applied through any type of irrigation system. 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. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR 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 protective 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 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 viton 14 mils.
- --Shoes plus socks

STORAGE AND DISPOSAL : Container: Triple rinse (or equivalent) and dispose of in a sanitary landfill or by other approved State and Local procedures. Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Pesticide spray mixture or rinsate that cannot be used according to label instructions must be disposed of according to applicable Federal, State or local procedures.

MIXING AND APPLICATION: Mix the recommended amounts in water until the spray mixture is uniform. Thoroughly wet plants with the spray mixture, especially the upper and undersides of the leaves. Make one or more applications as needed except where two or more are indicated below.

DILUTION NOTE: 1 Teaspoonful per gal. of water equivalent to 1 pint per 100 gals of water. **NOTE:** The rate of dilutions apply to sprayers attached to a garden hose as well as conventional equipment.

ORNAMENTALS: For the control of Aphids, Spider Mites, Whitefly, Mealybugs, Thrips, Japanese Beetle adults, Four-lined Leaf Bug, Tarnished Plant Bug, Rose Leafhopper and Potato Leaf Hopper, use 1 1/2 pints per 100 gals. of water. For control of Soft Brown Scale, Monterey Pine Scale and Black Scale Crawlers, use 2 1/2 pints per 100 gals. of water. For control of Juniper Scale, Fletcher Scale, Bagworms and Oak Kermes, use 2 pints to 100 gals. of water. Apply after crawlers have settled on the foliage. **NOTE:** Do not use on Boston, Maidenhair, Pteris Ferns as well as species of Crassula. Do not apply on Petunias.

OUTDOORS: MOSQUITOES, FLIES AND SMALL FLYING INSECTS - Use 2% Malathion fog, aerosol or space spray. As a spray, dilute 1-28 parts of water, fuel oil or

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diesel oil. When using kerosene type solvent as carrier, dilute in 28 parts of a mixture consisting of 4 parts kerosene type solvent and 1 part of aromatic hydrocarbon type solvent. Repeat applications as necessary. Avoid applying oil-base formulations to valuable ornamental plants as injury may occur. Malathion may be toxic to certain species of fish, particularly in shallow water.

FLIES: For the reduction of flies in and around yards, and around homes use 2 gals. in 100 gals. of water or 1 pint in 5 gals. of water (10 lbs. of actual Malathion). Apply spray at the rate of 1 gallon per 1000 sq. ft. on painted surfaces and 2 gals. per 1000 sq. ft. on unpainted surfaces on fences, around garbage cans, manure piles. Repeat applications as necessary.

TOMATO: For Spider Mites, use 1 1/2 pints to 100 gals. of water. For Aphids, use 1 pint to 100 gals. of water. Make no applications later than 10 days before harvest.

PEAS: For Pea Aphids, use 1 1/2 pints to 100 gals. of water. Make no applications later than 14 days before harvest.

BEANS: For Spider Mites, use 1 to 1 1/2 pints to 100 gals. of water. For Mexican Bean Beetle, use 1 1/2 pints to 100 gals. of water. Make two or more applications as needed. Make no applications later than 10 days before harvest.

NOTE: Make no application on APPLES and PEARS later than 14 days before harvest.

FOR RESIDUAL BIN SPRAY BEFORE STORING CORN, BARLEY, OATS, RYE & WHEAT: Mix 1 gallon per 25 gals. water and make thorough application to walls, floor and machinery. Before applying spray, thoroughly clean surfaces to be treated and remove and burn all sweepings and debris.

WARRANTY: Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

Manufactured by
Rockland Corporation
West Caldwell, NJ 07006 USA

Product B14501,05
0994(complying with
EPA letter of 8/31/94,
deleting apples, pears,
dairy barns).