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241-77

pg 186

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

NOV 14 1991

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American Cyanamid Company
Agricultural Research Division
P.O. Box 400
Princeton, NJ 08540

Gentlemen:

Subject: Malathion Technical
EPA Reg. No. 241-77
Labeling Submitted November 12, 1991

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you submit five (5) copies of your final printed labeling incorporating the following correction before you release the product shipment.

- The Fish and Wildlife statement under Environmental Hazards should be revised to read "This product is toxic to aquatic invertebrates, and aquatic life stages of amphibians. ~~to aquatic invertebrates.~~"

If this condition is 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 this condition.

A stamped copy of this labeling is enclosed for your records.

It is noted that the subject label includes several uses listed in the Federal Register Notice of March 18, 1991 regarding the proposed deletion of certain uses of malathion. In the event your supplier does not support the continued registration of these uses, they must be deleted from your label.

Sincerely,

Robert A. Forrest
Product Manager (14)
~~Insecticide-Rodenticide Branch~~
Registration Division (H7504C)

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

Jacket

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ACCEPTED
with COMMENTS
in EPA Letter Dated

CYTHON®
insecticide
Technical

NOV 14 1991

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

241-77

An Insecticide and Miticide For Formulating Use Only

ACTIVE INGREDIENT:	
Malathion: O,O-diethyl phosphorodithioate of diethyl mercaptosuccinate.....	95.0%
INERT INGREDIENTS.....	5.0%
TOTAL	100.0%

(One gallon contains 9.79 pounds of malathion)

EPA Reg. No. 241-77

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN

CAUTION!

! PRECAUCION!

PRECAUCION AL USUARIO: si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

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

IF INHALED: Remove victim to fresh air.

NOTE TO PHYSICIAN: This product may cause cholinesterase inhibition. Atropine is antidotal. 2-PAM may be effective as an adjunct to atropine

In case of an emergency endangering life or property involving this product call collect, day or night, Area Code 201-835-3100.

See Side Panel for Additional Precautionary Statements

American Cyanamid Company
Agricultural Division
Vegetation and Pest Control
Wayne, NJ 07470 ©1991

Net Weight:
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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)

CAUTION

Harmful if swallowed, inhaled, or absorbed through skin. Avoid breathing spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Do not contaminate food or feed products.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or public waters unless this product is specifically identified and addressed in an National Pollution Discharge Elimination System (NPDES) permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

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

Before using MALATHION technical insecticide for the preparation of malathion insecticides, manufacturers should consult American Cyanamid Company for manufacturing and handling instructions.

Formulators using this product are responsible for obtaining EPA registration of their formulated products.

Refer to attached Supplemental Labeling for acceptable sites for end-use product formulations.

STORAGE AND DISPOSAL

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

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedure approved by state and local authorities.

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DISCLAIMER

American Cyanamid Company warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use therein described when used in accordance with the directions for use.

Any damages arising from a breach of this warranty shall be limited to direct damages and shall not include consequential commercial damages such as loss of profits or values or any other special or indirect damages.

American Cyanamid Company makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY. User assumes the risk of any use contrary to label instructions or under abnormal conditions or under conditions not reasonably foreseeable by American Cyanamid Company.

EPA Reg. No. 241-77

**FOR FORMULATION INTO END-USE INSECTICIDE PRODUCTS
INTENDED ONLY FOR:**

TERRESTRIAL FOOD CROP: alfalfa, almond, anise, apple, apricot, asparagus, avocado, barley, beets, beets (seed crop), bermudagrass, blackberry, blueberry, boysenberry, broccoli, brussels sprouts, cabbage, cantaloupe, carrot, casaba melons, cauliflower, celery, cherry, chestnut, citrus fruits (nursery stock), clover, collards, corn, cotton, cowpeas (hay), crenshaw melons, cucumber, currant, dandelion, date, dewberry, eggplant, endive, fig, filbert, flax, garlic, gooseberry, grapefruit, grapes, grape vines, grass, grass hay, green beans, guava, honeydew melons, honey ball melons, hops, horseradish, kale, kidney beans, kohlrabi, kumquat, leek, lemon, lespedeza, lettuce, lima beans, lime, loganberry, lupine, macadamia nut, mango, mushrooms, muskmelons, onion (green), onion (seed crop), oranges, papaya, parsley, parsnip, passion fruit, pasture grasses, peach, peanuts, pear, peas, pecan, peppermint, peppers, persian melons, pineapple, plum, potato, prune, pumpkin, quince, radish, rangeland grasses, raspberry, rice-grain, rutabaga, rye, safflower, salsify, shallot, snap beans, sorghum, soybeans, spearmint, spinach, squash, strawberry, sugar beets, sweet potato, swiss chard, tangelo, tangerine, tomato, turnips, vetch, walnut, watercress, watermelons, wax beans, and wheat.

TERRESTRIAL NON-FOOD CROP: tobacco, tobacco (transplant beds), ornamental flowering plants, ornamental lawns and turf, ornamental nursery stock, ornamental woody plants, pine seed orchards and uncultivated non-agricultural areas.

GREENHOUSE FOOD CROP: asparagus, beans, beets, celery, cole crops (including broccoli, cabbage, kale, mustard greens, and turnips), corn, cucumber, eggplant, endive, lettuce, melons, mushrooms, onion, peas, peppers, potato, radish, spinach, squash, summer squash, tomato, and watercress.

GREENHOUSE NON-FOOD CROP: Epcot display crops and ornamental plants.

DOMESTIC AND NON-DOMESTIC OUTDOOR: outdoor domestic dwellings, wide area and general outdoor treatment (for flying insects), around commercial and industrial buildings, and around agricultural buildings.

AQUATIC FOOD CROP: cranberry and rice.

AQUATIC NON-FOOD: intermittently flooded areas, irrigation systems, and sewage systems.

FORESTRY: forest trees (including douglas fir, eastern pine, hemlock, larch, pines, red pine, spruce, and true fir).

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EPA Reg. No. 241-77

**FOR FORMULATION INTO END-USE INSECTICIDE PRODUCTS
INTENDED ONLY FOR:**

INDOOR: stored commodity treatment for almonds, barley, field corn, field or garden seeds, grapes (raisins), oats, peanuts, rice, rye, sorghum, sunflower, wheat, bagged citrus pulp, and cattle feed concentrate blocks (non-medicated); pet and domestic animal uses for beef cattle, cats, chickens, dairy cattle (lactating and non-lactating), dogs, ducks, geese, goats, hogs, horses (including ponies), pigeons, sheep, and turkeys; animal premise uses for dairy and livestock barns, stables and pens, feed rooms, poultry houses, manure piles, garbage cans, garbage dumps, kennels, rabbits on wire, beef cattle feed lots and holding pens, cat sleeping quarters, dog sleeping quarters; agricultural premise uses and cull fruit and vegetable dumps; household uses for indoor domestic dwellings, human clothing (woolens and other fabrics), mattresses; and commercial and industrial uses for bagged flour, cereal processing plants, edible and inedible commercial establishments, dry milk processing plants, edible and inedible eating establishments, edible and inedible food processing plants, packaged cereals, pet foods and feed stuff.

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