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

APR 08 1997

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Mr. Robert G. Beach
Scientist Product Development
Zep Manufacturing Company
P.O. Box 2015
Atlantic, GA 30301

Dear Mr. Beach:

Subject: Deletion of Unsupported Malathion Uses
Zep 50% Malathion Emulsifiable Concentrate
EPA Reg. No. 1270-85
Labeling Submitted April 5, 1995
Federal Register Notices of March 16, 1991
and March 4, 1992

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. The label claims and directions for use on ornamentals appearing on the submitted label are ambiguous as to whether the label allows uses within the scope of PR Notice 93-7. This Notice describes the required Worker Protection Standard (WPS) labeling. Since the release for shipment deadline has passed for products not bearing WPS statements, you cannot release the product for shipment unless the label has been revised to comply with the WPS labeling requirements.

The label must be revised to either incorporate the required WPS labeling statements or to clarify that the product is for non-WPS uses only. Refer to the WPS Ambiguous Labeling enclosure for guidance in revising your label to comply with the WPS.

2. Update the water contamination statement in the environmental precautions section to bring this statement into compliance with PR Notice 93-3 and add the heading, Environmental Hazards so that the section reads as stated below.

"Environmental Hazards

"This product 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.

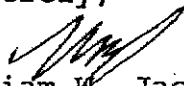
This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to ^xblooming crops or weeds if bees are visiting the treatment area."

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.

x drift to

Sincerely,



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

ZEP 50% MALATHION EMULSIFIABLE CONCENTRATE

CONTROLS FLIES IN OUTDOOR AREAS

ACTIVE INGREDIENTS:

Malathion (O, O-dimethyl phosphorodithioate of diethyl mercaptosuccinate)	50.00%
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INERT INGREDIENTS*:

.....	50.00%
TOTAL	100.00%

Contains aromatic petroleum distillate
 Flammable mixture — Keep away from fire or flame.

CAUTION

KEEP OUT OF REACH OF CHILDREN

See other precautions on side panel.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

DO NOT store near heat or open flame. DO NOT contaminate water, food, or feed by storage or 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. Triple rinse (or equivalent) container. 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.

This is a concentrated insecticide and must be diluted with water for use. Each gallon contains 4 pounds of malathion, (1/2 pound per pint).

Do not mix more solution than is intended for immediate use. Mix by adding to water and agitating. If mechanical pump is used, mix by adding to water in spray tank with pump and agitator running. Apply immediately after mixing. If mixed solution is allowed to stand for more than 30 minutes after mixing, reagitator before use.

FLIES: To control flies mix 3-3 1/2 ounces (approximately 1/2 cup) per gallon of water. Apply to thoroughly wet surfaces where flies light or congregate. (Approximately 700 square feet per gallon.)

EPA REG. NO. 1270-85

EPA EST. NO. 1270-GA-1

FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY

NET CONTENTS/GALS

CONTROL NO.

American Made ... Proudly
ZEP MANUFACTURING COMPANY
 Division of National Service Industries, Inc.
 ATLANTA, GEORGIA 30301
 CLEAN ACROSS AMERICA AND THROUGHOUT THE WORLD

DIRECTIONS FOR USE (Cont'd.)

For a bait spray, add 1/2 cup sugar or 2-1/2 ounces corn syrup or unsulfurized molasses per gallon of above solution. Apply as above or as a spot treatment. Flies may also be controlled by dipping a burlap or cotton bag in above bait solution and hanging outdoors in areas where flies congregate.

ORNAMENTALS: For control of Aphids, Spider Mites, White Fly, Mealy Bugs, Thrips, Japanese Beetle Adult, Four Lined Leaf Bug, Tarnished Plant Bug, Rose Leaf Hopper and Potato Leaf Hopper on ornamentals, apply 2 pints in 100 gallons of water (2-1/2 teaspoons) per gallon). Make thorough full coverage sprays with repeated applications as needed. Injury may occur on certain ferns, including Boston, Maidenhair, and Peteria as well as some species of Crassula.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Avoid breathing mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after using. Avoid contamination of feed or foodstuffs.

Malathion may cause cholinesterase inhibition. If poisoning occurs, get prompt medical aid. Atropine is antidotal.

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.

STATEMENT OF PRACTICAL TREATMENT

If swallowed: DO NOT induce vomiting. Contact a physician or Poison Control Center immediately for treatment.

If on skin: Wash all areas contacted by product with soap and water. If irritation persists contact a physician.

If in eyes: Flush eyes with water for 15 minutes. If irritation persists contact a physician.

If inhaled: If discomfort or breathing difficulty arises, contact a physician.

PHYSICAL OR CHEMICAL HAZARDS

Flammable mixture — extinguish open flames before space spraying. DO NOT USE, Pour, Spill or Store near heat or open flame.

This product is designed exclusively for industrial and institutional use by trained, professional maintenance personnel. Label directions and precautions must be followed exactly. Zep Manufacturing Company will not be responsible for any injury, loss, or damage, if product is used in any manner not in accordance with label directions, or, if precautions are not observed.

ACCEPTED
 WITH COMMENTS
 In EPA Letter # 1270-85
 APR 08 1987
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, no person shall sell or distribute any pesticide registered under EPA Reg. No. 1270-85

3/3