

PM 04

192-96

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

SEP 4 1998

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Ms. Elizabeth L. Neslund
Regulatory Affairs Manager
Dexol Industries
9555 James Avenue S., Suite 200
Bloomington, MN 55431

Dear Ms. Neslund:

Subject: Deletion of Unsupported Malathion Uses
Dexel Malathion Insect Sray
EPA Reg. No. 192-96
Labeling Submitted April 29, 1998
Federal Register Notice of March 18, 1991

The label 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. Update the second sentence in the Environmental Hazards section to read as stated below.

"Do not apply directly to water."

2. Clarify the non-Worker Protection Standard status of the subject product by revising the front panel claim, "For Use on Ornamentals, Fruits, & Vegetables" to read as follows: "For Use On Home Ornamental, Fruit, & Vegetable Gardens."

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.

2 7 9

It is understood, as stated in your letter of April 29, 1998 that the basic Confidential Statement of Formula (CSF) dated July 13, 1993 and not the alternate CSF of the same date will be used in the formulation of the subject product.

Sincerely,



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

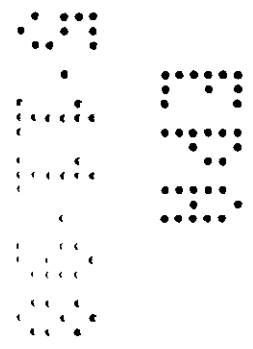
[FRONT CONTAINER PANEL - DEXOL MALATHION INSECT CONTROL]

DEXOL

MALATHION
INSECT CONTROL

For Control of Aphids,
Mealybugs, Thrips, Scale Insects,
Fleas & Other Listed Insects.

For Use on Ornamentals,
Fruits, & Vegetables.



Active Ingredient:

Malathion: 0,0-dimethyl phosphorodithioate of diethyl mercaptosuccinate	50.0%
Inert Ingredients:	<u>50.0%</u>

Contains aromatic petroleum derivative solvent.

Keep Out of Reach of Children

CAUTION

See back panel for additional precautionary statements

NET (CONTENTS)

ACCEPTED
with COMMENTS
in EPA Letter Dated:

SEP 4 1998

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

192-96

[BACK CONTAINER PANEL - DEXOL MALATHION INSECT CONTROL]

SEE ATTACHED PAMPHLET FOR COMPLETE DIRECTIONS FOR USE

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, inhaled, or absorbed through skin. Avoid breathing vapors or spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling and before eating or smoking. Avoid contamination of feed and foodstuffs. Do not permit children and pets onto treated areas until this material has dried completely. Food utensils such as teaspoons and measuring cups should not be used for food purposes after use with pesticides.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Call a physician or Poison Control Center immediately. **DO NOT INDUCE VOMITING UNLESS UNDER MEDICAL SUPERVISION.** Product contains aromatic petroleum derivative solvent which may cause aspiration pneumonia. **If Inhaled:** Remove victim to fresh air. Apply artificial respiration if indicated. **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. Get medical attention if irritation persists. **NOTE TO PHYSICIAN:** This product may cause cholinesterase inhibition. Atropine is antidotal. 2-PAM may be effective as an adjunct to atropine.

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.

PHYSICAL OR CHEMICAL HAZARDS

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

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

DEXOL INDUSTRIES
9555 James Avenue South
Suite 200
Bloomington, MN 55431

EPA Reg. No. 192-96
EPA Est. 192-CA-1

[PAMPHLET - DEXOL MALATHION INSECT CONTROL]

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C A U T I O N

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NET (CONTENTS)

[PAMPHLET CONT'D - DEXOL MALATHION INSECT CONTROL]

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

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PHYSICAL OR CHEMICAL HAZARDS

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

[NOTE: THE FOLLOWING "DIRECTIONS FOR USE" TO BE USED ON PRODUCT PACKAGED AND SOLD WITH HOSE-END SPRAYER ATTACHMENT ONLY].

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

[OPTION 1 - HOSE-END SPRAYER ATTACHMENT INSTRUCTIONS]

HOSE-END SPRAYER ASSEMBLY AND USE INSTRUCTIONS: The hose-end sprayer attachment is precalibrated to deliver 2 tsp. per 1 gal. water. 1) Attach siphonage tube to hose-end sprayer attachment. 2) Screw hose into hose-end sprayer attachment. 3) Remove cap from bottle and insert sprayer attachment. 4) Securely tighten sprayer attachment on bottle. 5) Turn water on. **TO START FLOW OF INSECTICIDE,** place finger over hole on right side of sprayer attachment. Hold about 3 feet above area to be treated moving at a steady pace to ensure consistent coverage. 6) **TO STOP FLOW OF INSECTICIDE,** remove finger from hole to break siphon action. **NOTE:** To ensure adequate coverage, use moderate to high water pressure when applying through hose-end sprayer attachment.

[PAMPHLET CONT'D - DEXOL MALATHION INSECT CONTROL]

[OPTION 2 - HOSE-END SPRAYER ATTACHMENT WITH NUT INSTRUCTIONS]

HOSE-END SPRAYER ASSEMBLY AND USE INSTRUCTIONS: 1) Attach siphonage tube to hose-end sprayer attachment. 2) Remove cap from bottle and insert sprayer attachment. 3) Securely tighten sprayer attachment on bottle. 4) Securely tighten hose into nut on hose-end sprayer attachment. 5) turn water on. TO START FLOW OF INSECTICIDE, place finger over hole on right side of sprayer attachment. Hold about 3 feet above area to be treated moving at a steady pace to ensure consistent coverage. 6) TO STOP FLOW OF INSECTICIDE, remove finger from hole to break siphon action. **NOTE:** To ensure adequate coverage, use moderate to high water pressure when applying through hose-end sprayer attachment.

Do not apply to food crops within 3 days of harvest unless otherwise specified.

ORNAMENTALS: (Roses, Camellias, Azaleas, Stocks, Chrysanthemums, Evergreens and many other flowers and shrubs) Aphids. **NOTE:** Injury may occur on tender varieties of plants such as Boston and Maidenhair ferns, pteris and crassula.

FRUITS: (Apples, Pears, Grapes) Aphids. Malathion may cause injury to McIntosh and Cortland varieties of apples, to Bosc Pears and Ribier Grapes. Do not apply to Pears within 1 day of harvest. (Apricots) Codling Moth, Orange Tortix, Terrapin Scale, Soft Brown Scale, Aphids. Do not apply within 7 days of harvest. (Peaches) European Red Mite, Two-spotted Mite, Oriental Fruit Moth, Terrapin Scale, Cottony Peach Scale, Aphids. Do not apply within 7 days of harvest. (Nectarines) Plum Curculio, Mites, Parlatoria Scale. Do not apply within 7 days of harvest.

VEGETABLES: (Carrots, Celery, Cucumbers, Endive, Squash, Radishes, Tomatoes) Aphids, Spider Mites. Do not apply within 7 days of harvest on Carrots, Celery, Endive, Radishes; 1 day on Cucumbers, Squash and Tomatoes. (Lettuce, Spinach) Leafhoppers, Aphids, Mites, Cabbage Looper. Do not apply on leaf lettuce within 14 days of harvest; head lettuce and spinach within 7 days of harvest; (Onions) Thrips.

FLEAS: In yards, lawns and under houses - Apply Dexol Malathion Insect Control at the rate of 1 pint to cover 3,200 sq.ft. DO NOT apply to pets.

STORAGE & DISPOSAL

STORAGE: Store in a cool, dry place away from heat or open flame. Keep in original container and preferably in a locked storage area.

DISPOSAL: Do not reuse empty container or hose-end sprayer attachment. Wrap container and hose-end sprayer attachment in newspaper and discard in trash.

[NOTE: THE FOLLOWING "DIRECTIONS FOR USE" TO BE USED ON PRODUCT PACKAGED AND SOLD WITHOUT A HOSE-END SPRAYER ATTACHMENT]

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

Fill tank sprayer partly full with water. Add recommended amount of

[PAMPHLET CONT'D - DEXOL MALATHION INSECT CONTROL]

Dexol Malathion Insect Control and finish filling with balance of water needed. Spray plants thoroughly when insects appear and repeat applications as necessary. When used in hose-end sprayers, follow manufacturer's instructions. **NOTE:** Injury may occur on tender varieties of plants such as Boston and Maidenhair ferns, pteris and crassula.

Do not apply to food crops within 3 days of harvest unless otherwise specified.

ORNAMENTALS: (Roses, Camellias, Azaleas, Stocks, Chrysanthemums, Evergreens and many other flowers and shrubs) Aphids - 2 tsp. per 1 gal. water. Red spider Mites, Spruce Mites, Mealybugs, Woolly Aphid, Whitefly, Thrips, Tarnished Plant Bug, Four-Lined Leafbug, Bagworm, Rose Leafhopper, Japanese Beetle Adults - 1 tbsp. per gal. water. Scale (Black Scale, Soft Brown Scale, Oyster Shell Scale and certain others) - 1-1/2 to 2 tbsp. per gal. water.

FRUITS: (Apples, Pears, Grapes) Aphids - 1-1/2 to 2 tsp. per 1 gal. water. Red Spider Mites, Mealybugs, Woolly Aphids, Whiteflies, Thrips, Tarnished Plant Bugs, Four-Lined Leaf Bug, Grape Leafhopper (California and Southwest only), Pear Psyllid, Japanese Beetle Adults - 1 tbsp. per gal. water. Scale Crawlers - 1-1/2 to 2 tbsp. per gal. water. Malathion may cause injury to McIntosh and Cortland varieties of apples, to Bosc Pears and Ribier Grapes. Do not apply to Pears within 1 day of harvest. (Apricots) Codling Moth, Orange Tortix, Terrapin Scale, Soft Brown Scale, Aphids - 1-1/2 to 2 tsp. per gal. water. Do not apply within 7 days of harvest. (Peaches) European Red Mite, Two-Spotted Mite, Oriental Fruit Moth, Terrapin Scale, Cottony Peach Scale - 2 tsp. to 1 gal. water. Aphids - 1-1/2 to 2 tsp. per 1 gal. water. Do not apply within 7 days of harvest. (Nectarines) Plum curculio, Mites, Parlatoria Scale - 2 tsp. per 1 gal. water. Do not apply within 7 days of harvest.

VEGETABLES: (Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Kale, Beans, Peas, Potatoes) Aphids - 1-1/2 to 2 tsp. to 2 gal. water. Red Spider Mites, Mealybugs, Whiteflies, Thrips, Tarnished Plant Bugs, Four-Lined Leaf Bugs, Bean Leafhoppers, Potato Leafhoppers, Japanese Beetle Adults - 1 tbsp. per gal. water. Do not apply to Beans within 1 day of harvest. Do not apply to Brussels Sprouts, Cabbage, Cauliflower or Kale within 7 days of harvest. Use up to harvest on potatoes. (Carrots, Celery, Cucumbers, Endive, Squash, Radishes, Tomatoes) Aphids, Spider Mites - 1-1/2 to 2 tsp. per 1 gal. water. Do not apply within 7 days of harvest on Carrots, Celery, Endive, Radishes; 1 day on Cucumbers, Squash and Tomatoes. (Lettuce, Spinach) Leafhoppers, Aphids, Mites, Cabbage Looper - 2 tsp. per 1 gal. water. Do not apply on leaf lettuce within 14 days of harvest; head lettuce and spinach within 7 days of harvest; (Onions) Thrips - 1-1/2 to 2 tsp. per gal. water.

FLEAS: In yards, lawns and under houses - Apply a spray containing 5 fl.oz. (10 tbsp.) of Dexol Malathion Insect Control per 1 gal. of water at the rate of 1 gallon per 1,000 sq.ft. (1 pint to cover 3,200 sq.ft.). **DO NOT** apply to pets.

[PAMPHLET CONT'D - DEXOL MALATHION INSECT CONTROL]

STORAGE & DISPOSAL

STORAGE: Store in a cool, dry place away from heat or open flame. Keep in original container and preferably in a locked storage area.
DISPOSAL: Do not reuse empty container. Wrap container in newspaper and discard in trash.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.

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