

MAY 22 1991

Mr. William L. Chase, Jr.
Chevron Chemical Company
Consumer Products Division
940 Hensley Street
Richmond, CA 94804-0036

Subject: Amendment - Revisions in response to
Diazinon Registration Standard
Ortho Fruit & Vegetable Insect Control
EPA Reg. No. 239-2350
Your submission dated June 11, 1990

Dear Mr. Chase:

The amendment referred to above, submitted in connection with a registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable provided the following revisions are made prior to release for shipment under the amended labeling:

- 1) Add a front panel clarification "For Use in the Home Garden". Such a clarification will directly address that you do not intend this to be a product subject to Restricted Use classification, i.e., it is not intended for commercial fruit or vegetable growers.
- 2) An examination of the toxicology data supporting this product and Ortho Diazinon Insect Spray revealed that the data base is incomplete. The Agency's letter dated June 13, 1980 conveying the results of our review of your acute toxicity studies stated that the acute inhalation study was only Core Supplementary. There is no indication that a replacement study was submitted. Based on our recent telephone conversation regarding this data deficiency, you indicated that Chevron has now decided to rely on Ciba-Geigy's data on their reformulated 25% EC Toxicity Category III product in support of reregistration for your 25% EC formulations and that you will be modifying your CSF and label to match theirs (with the exception of some additional pest claims based on your own tests). You stated that Chevron has been in contact with Ciba-Geigy and that an authorization letter to use their data will be forthcoming soon. In the meantime, add "Avoid breathing spray mist." as the fifth sentence of the Hazards to Humans & Domestic Animals text.

- 3) Revise the Environmental Hazards to reflect the fact that this product is not registered for use on lawns. The revised text should read as follows:

This pesticide is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Do not exceed maximum permitted label rates. Application rates above those recommended significantly increase potential hazards to birds and waterfowl. Keep out of lakes, streams, ponds, tidal marshes, and estuaries. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Runoff may be hazardous to aquatic organisms in neighboring areas. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where fish, shrimp, crab, and other aquatic life are important resources. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters. This pesticide is highly toxic to bees exposed to direct treatment or to residues 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.

- 4) In the ingredients statement, revise "Active Ingredients" to "Active Ingredient", since there is now only one indicated.
- 5) In the "HOW TO USE" section, replace "Begin spraying after blooming or when pests first appear." with "Spray when pests first appear. Applications should be repeated only as directed to maintain control."
- 6) Add the following as the first sentences of "Copy E" in the "HOW TO USE" section: For the fruits and nuts listed on this label, do not apply more than 6 gallons of spray per 500 sq. ft. of home orchard, vineyard, or caneberry patch. For the vegetables listed on this label, do not apply more than 3 gallons of spray per 1000 sq. ft. of home garden.
- 7) Also in "Copy E", add "Caneberries" to the list of crops with a minimum of 14 days between sprays.
- 8) Under the heading "FRUITS & NUTS", correct the PHI for peaches to 20 days.
- 9) Under the heading "VEGETABLES", correct the PHI of spinach to 7 days. Please note that the PHI for sweet corn and peas may appear as "0", but you may choose to retain "1" to prevent the potential problem of homeowners handling sprayed vegetables that are still wet with the spray.

- 10) Under the heading "VEGETABLES", after "Do not use on dried bean or pea varieties.", add the precaution: "To protect bees do not apply to bean or pea foliage if the crop or weeds in the treatment area are in bloom."

A stamped copy of the label is enclosed for your records. Please submit five copies of the revised amended label prior to release for shipment under the amended label. Labeling released for shipment after the August 31, 1991 deadline imposed by the Diazinon Registration Standard should be the revised amended label.

Sincerely yours,

George T. LaRocca
Product Manager (13)
Insecticide Rodenticide Branch
Registration Division (H7505C)

ACCEPTED
with COMMENTS
in EPA Letter Dated:

MAY 22 1991

ORTHO Fruit & Vegetable
Insect Control
EPA Reg. No. 239-2350

Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended, for the pesticide
registered under EPA Reg. No.
239-2350

COPY A

Causes substantial but temporary eye damage. Do not get in eyes or on clothing. Wear goggles or safety glasses. Harmful if swallowed, or absorbed through skin. Wear a long-sleeved shirt and long-legged pants when spraying. Spray with the wind to your back. Do not spray on windy days. If clothing becomes wet from spray during use, remove clothing after spraying, wash affected body areas thoroughly with soap and water, and launder clothing before wearing again. May cause contact sensitization following repeated contact with skin of susceptible individuals. If sensitization reactions result, contact a physician. Do not use on household pets or humans. Do not allow children or pets onto a treated area until the treated area such as grass or soil has dried. Food utensils such as tablespoons or measuring cups must not be used for food purposes after use in measuring pesticides.

COPY B

Note to Physicians: Emergency Information - call 1-800-457-2022. This product contains a light petroleum solvent and may present an aspiration problem. This is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.

COPY C

This product is highly toxic to birds, fish and wildlife including waterfowl. Birds and waterfowl feeding or drinking on treated areas may be killed. Because of the migratory habits of certain Atlantic Coast waterfowl, do not apply this product in Nassau County, New York between November 1 and May 20. Do not exceed maximum permitted label rates. Rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping sprays. Where irrigation (watering) is

recommended apply a minimum of 0.25 inch of water immediately after application. Stop irrigation before puddling occurs. Keep out of lakes, streams, ponds, tidal marshes, and estuaries.

Do not apply to water that will be used for recreational purposes or human and livestock consumption. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where fish, shrimp, crab, and other aquatic life are important resources.

COPY D

or when trees or weeds are in bloom.

COPY E

Repeat at 14 day intervals for Almonds, Apricots, Nectarines, Peaches, and Walnuts. Repeat at 7 to 10 day intervals as necessary for all other crops. Do not apply more than 3 times per season for Almonds, Beans, Onions, Peas, Strawberries and Walnuts. Do not apply more than 5 times per season for all other crops. Numbers in () indicate days required between last application and harvest. Do not apply to Almonds or Walnuts after husks crack or open.

COPY F

FRUITS & NUTS: Almonds (CA only) (45), Apricots (10), Caneberries (includes blackberries, Boysenberries, Dewberries, Loganberries, & Raspberries) CA,OR,WA only (7), Cherries (10), Grapes (18), Nectarines (10), Peaches (21), Plums (10), Prunes (10), Strawberries (5), Walnuts CA only (45).

To Control: Aphids, Cherry Fruit Flies, Dried Fruit Beetles, Fruitworms (Maggots), Fruit Tree Leafrollers, Grape Berry Moth, Grape Leafhoppers, Leafhoppers, Mealybugs, Mites, Raspberry Sawflies, Scale Crawlers, Strawberry Leafroller, Tentiform Leafminers, Thrips, Walnut Caterpillars.

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ORTHO Fruit & Vegetable Insect Control
EPA Reg. No. 239-2350

VEGETABLES: Beans†, fresh only (7), Broccoli (5), Cabbage (7), Cantaloupes (3), Carrots (10), Cauliflower (5), Celery (10), Cucumber (7), Lettuce (10), Muskmelons (3), Onions (10), Peas†, fresh only (1), Peppers (5), Potatoes (35), Radishes (10), Spinach (10), Summer Squash (7), Sweet Corn (1), Tomatoes (1), Turnips (10), Watermelons (3), Winter Squash (3). †NOTE: Do not use on dried bean or pea varieties. Do not apply to corn during the pollen shed period.

COPY G

75 %

*Inert Ingredients
*Contains Aromatic Petroleum Derivative Solvent

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ORTHO Fruit & Vegetable Insect Control

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS

WARNING: Causes eye injury. Harmful if swallowed or absorbed.

A - Avoid contact with skin or clothing. Do not use on household pets or children and pets may from treated areas. Completely dry before use on domestic animals. Avoid contact with eyes.

FIRST AID TREATMENT: In case of eye contact, wash eyes immediately with clean water for 15 minutes and see a doctor. For skin contact, wash thoroughly with soap and water. Remove and launder contaminated clothing. If swallowed, DO NOT make person vomit. Call a doctor immediately. Note: This product contains a petroleum solvent and may present an aspiration problem. Diazinon is an organophosphorus cholinesterase inhibitor. If signs and symptoms of cholinesterase inhibition develop, atropine is antidotal. 2-PAM may also be given in conjunction with atropine but should never be used alone.

ENVIRONMENTAL HAZARDS: This product is toxic to fish and wildlife. Avoid feeding or treating areas that may be killed. Keep out of any body of water. Do not contaminate streams or ponds. Do not contaminate water by cleaning of equipment or disposal of washes. This pesticide is highly toxic to bees exposed to direct treatment or to residues remaining on treated areas. Do not apply when bees are actively visiting the crop. Application should be timed to provide the maximum possible interval between treatment and the next period of bee activity. **PHYSICAL OR CHEMICAL HAZARDS:** Do not use 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.

READ ENTIRE LABEL USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS

HOW TO USE: Mixes readily with water and may be used in all types of sprayers. Use 2 teaspoons (1/3 fl. oz.) per gal. of water. Spray plant thoroughly, especially upper and lower leaf surfaces. Begin spraying after blooming or when pests first appear and repeat as necessary. Do not spray between late afternoon and early morning. Do not spray if frost is expected. Do not spray if rain is expected. Do not spray if wind is blowing. Do not spray if temperature is below 50°F. Do not spray if humidity is above 90%. Do not spray if rain is expected. Do not spray if wind is blowing. Do not spray if temperature is below 50°F. Do not spray if humidity is above 90%. Do not feed treated vines to livestock. Do not treat food crops grown in the greenhouse.

FRUITS: Apples(10), Cherries(10), Grapes(10), Nectarines(10), Plums(10), Prunes(10), Peaches(10), Pears(14), Grapefruit(21), Lemons(21), Oranges(21), Almonds, Filberts, Walnuts, Pecans

To Control: Aphids, Apple Maggots, Blueberry Maggots, Cherry Fruit Flies, Cherry Fruitworms (Maggots), Citrus Thrips, Codling Moth, Cranberry Fruitworm, Dried Fruit Beetles, Fruit Tree Leafrollers, Grape Berry Moth, Grape Leafhoppers, Leafhoppers, Mealybugs, Mites, Pecan Nut Casebearers, Pear Sawfly, Raspberry Sawflies, Raspberry Fruitworms, Scale Crawlers, Strawberry Leafroller, Tentative Leafminers, Thrips, Vinegar Flies, Walnut Caterpillars

VEGETABLES: Tomatoes(1), Peas(1), Sweet Corn(1), Cmeloupes(3), Musk melons(3), Water melons(3), Winter Squash(3), Broccoli(5), Peppers(5), Cauliflower(5), Beans(7), Cabbage(7), Cucumber(7), Summer Squash(7), Carrots(10), Celery(10), Lettuce(10), Onions(10), Radishes(10)

To Control: Aphids, Armyworms, Colorado Potato Beetle, Cucumber Beetles, Diamond Back Moth Larvae, Dotted Leafminers, Flea Beetles, Grasshoppers, Imported Cabbage Worms, Leafhoppers, Mexican Bean Beetles, Mites, Onion Thrips, Thrips, Vinegar Flies, Whiteflies

For Disease Control: On Fruits - Apply ORTHOCIDE (Captan) Garden Fungicide. On Vegetables - Apply ORTHO Vegetable Disease Control. Follow label directions.

STORAGE AND DISPOSAL

STORAGE: Keep pesticide in original container. Do not store in containers or dilute into food or drink containers. Avoid contamination of food and foodstuffs. Store in a cool, dry place, preferably in a locked storage area. Do not store diluted spray. Keep tightly capped.

DISPOSAL: Partially filled bottle may be disposed of by securely wrapping original container in several layers of newspaper and discard in trash. **CONTAINER:** Do not reuse empty bottle. Rinse thoroughly before discarding in trash.

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

Ortho Chemical Company © 1985
Ortho Consumer Products Division
P.O. Box 5047
San Ramon, CA 94583
Product 1000 50 Made in U.S.A.
Form 10365 B
EPA Reg. No. 239 2350 AA
EPA Est. 239 MO 1

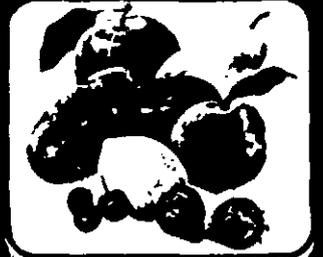


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ORTHO Fruit & Vegetable Insect Control

Controls Most Fruit Tree and Vegetable Pests



Keep out of reach of children. See side panel for additional information.

WARNING:

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