

435846

DEC 30 1992

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

Dear Mr. Chase:

Subject: Amendment - Change to "Caution" Formula
ORTHO Fruit & Vegetable Insect Control
EPA Reg. No. 239-2350
Your label submission dated February 3, 1992
and revised CSF dated November 20, 1992

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

- 1) In the proposed revisions to the Statement of Practical Treatment, the "If swallowed" advice should indicate to call a physician or Poison Control Center immediately. This same section should contain the advice "Do NOT make person vomit", as had appeared on your previous label, and "Do not give anything by mouth if person is unconscious or convulsing.", which is a modification of the last statement that appears on Ciba-Geigy's latest accepted label (modified to reflect the fact that your label does not refer to inducing vomiting).
- 2) In the "If in eyes" advice, add "immediately" after "Get medical attention."
- 3) Revise the first sentence of the "Note to Physicians" to read, "If symptoms of cholinergic poisoning occur, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine."
- 4) Since your last label, Ciba-Geigy has modified a number of crop use directions including pre-harvest intervals to reflect their current residue data. One of these crop use revisions is the limitation of the application of almonds to a single dormant

application to control San Jose and Parlatoria scale. Since your label is so compressed compared to Ciba-Geigy's individual crop use directions, this poses a problem in that your general directions call for spraying the plant thoroughly "especially upper and lower leaf surfaces", and "spray when pests first appear", and "applications should be repeated", none of which are not appropriate to a single dormant spray. Correct directions, which must include the limitation to use in California only, should appear for this crop.

- 5) The maximum gallonage per 500 sq. ft. for fruit and nut trees will have to be modified to match Ciba-Geigy's latest label, specifically, replace "or 6 gallons of spray for per 500 sq. ft. of home orchard" with "or 4 gallons of spray per 500 sq. ft. of home fruit tree orchard, or 6 gallons of spray per 500 sq. ft. for home orchards of almonds (dormant spray only) or walnuts."
- 6) Delete the crop name "Almonds" from the list of crops with repeat applications made at 14 day intervals, since only a single dormant spray is to be made.
- 7) Revise the crop listing for those limited to 3 applications per season to read as follows: "Do not apply more than 3 times per season to Apricots, Beans, Cherries, Nectarines, Onions, Peaches, Peas, Plums, Prunes, Strawberries, or Walnuts." -5 APPL
- 8) Revise the nut tree limitation to read "Do not apply to walnuts after husks crack open."
- 9) After the heading "FRUIT & NUTS", delete "Almonds CA only (45)", since only a single dormant application is to be made.
- 10) Revise the pre-harvest intervals for the following fruit crops to 21 days: Apricots, Cherries, Nectarines, Peaches, Plums, and Prunes.
- 11) Revise the pre-harvest interval for Grapes to 28 days.
- 12) Delete the crop name "Celery" and its associated 10 day PHI from the **Vegetables** crops and PH listing, since foliar application of diazinon to this crop has not been supported for reregistration.
- 13) Revise the pre-harvest intervals for the following crops to 7 days: Broccoli; Cauliflower; Peas, fresh only; and Sweet Corn.

- 14) Revise the pre-harvest intervals for the following crops to 14 days: Carrots, Lettuce, Onions, Radishes, Spinach, and Turnips.
- 15) Revise the pre-harvest interval for Cabbage to 21 days.
- 16) Since your listing of vegetable crop pests includes "Dipterous Leafminers", and since there is an organophosphate insecticide resistance problem for these pests, add an asterisk after the pest name which should refer to a note that states "NOTE: Resistant leafminers will not be controlled by diazinon or similar type insecticides."

A stamped copy of the label is enclosed for your records. The replacment Confidential Formula dated November 20, 1992 is acceptable and has been added to this product's registration file.

NOTE - The label and associated Confidential Statement of Formula accepted at this time supersede all previous labels and formula statements on file for this product.

Sincerely yours,

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

COPY A

CAUTION: Harmful if swallowed, inhaled, or absorbed through skin. Causes moderate eye injury. Avoid breathing spray mist. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Do not use inside the home. Avoid contamination of feed and foodstuffs. Do not use on household pets or humans. Do not allow children or pets to go onto a treated area until the treated area such as grass or soil has dried. Do not contaminate ornamental fish ponds. Food utensils such as spoons and measuring cups must not be used for food purposes after use in measuring pesticides.

STATEMENT OF PRACTICAL TREATMENT: If swallowed, call a physician or Poison Control Center. If not breathing, give artificial respiration, preferably by mechanical means. Avoid mouth-to-mouth resuscitation. If in eyes, hold eyelids open and flush with a steady, gentle stream of water. Get medical treatment. If inhaled, remove victim to fresh air. Give artificial respiration if necessary, preferably by mechanical means. Get medical treatment. If on skin, wash with plenty of soap and water. Get medical treatment. **Note to Physicians:** If symptoms of cholinergic poisoning occur, atropine sulfate and 2-PAM are specific antidotes. Do not give morphine, theophylline, aminophylline, phenothiazines, reserpine, furosemide, or ethacrynic acid. Administer i.v. fluids cautiously if necessary to correct dehydration. If product is swallowed, lavage stomach contents since inducing vomiting may lead to chemical lung injury.

ACCEPTED
with COMMENTS
in EPA Letter Dated

DEC 30 1992

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

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PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS

WARNING: Causes substantial but temporary eye damage. If sprayed in eyes or on clothing. Wear goggles or safety glasses. Harmful if swallowed, or absorbed through skin. Avoid breathing spray mist. 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. **STATEMENT OF PRACTICAL TREATMENT:** In case of eye contact, wash eyes immediately with fresh 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 if needed, remove victim to fresh air. Appl. artificial respiration if indicated. **Note to Physicians:** Emergency Information - call 1-800-457-2822. 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. **ENVIRONMENTAL HAZARDS:** 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 adjoining 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 washwaters. 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, or when trees or weeds are in bloom. **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: Use 2 teaspoons (1/4 fl. oz.) per gal. of water. Mixes readily with water and may be used in all types of sprayers. Spray plant thoroughly, especially upper and lower leaf surfaces. Spray when pests first appear. Applications should be repeated only as directed to maintain control. For the fruits and nuts listed on this label, do not apply more than 3 gallons of spray per 500 sq. ft. of grape vineyard or strawberry patch, 3 gallons of spray per 500 sq. ft. of caneberry patch, or 8 gallons of spray per 500 sq.

ft. of home orchard. For the vegetables listed on this label, do not apply more than 3 gallons of spray per 1000 sq. ft. of home vegetable garden. Repeat at 14 day intervals for Almonds, Apricots, Caneberries, 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. Do not feed treated vines to livestock. Do not treat food crops grown in the greenhouse.

FRUIT & NUTS: Almonds CA only (45), Apricots (10), Caneberries (includes Blackberries, Boysenberries, Dewberries, Loganberries, and Raspberries) CA, OR, WA only (7), Cherries (10), Grapes (18), Nectarines (10), Peaches (20), Plums (10), Prunes (10), Strawberries (5), Walnuts CA only (45). **To Control:** Aphids, Cherry Fruit Flies, Dried Fruit Beetles, Fruitworms (Mag-gots), Fruit Tree Leafrollers, Grape Berry Moth, Grape Leafhoppers, Leaf-hoppers, Mealybugs, Mites, Raspberry Sawflies, Scale Crawlers, Strawberry Leafroller, Tentiform Leafminers, Thrips, Walnut Caterpillars. **VEGETABLES:** Beans, fresh only (7), Broccoli (5), Cabbage (7), Cantaloupes (3), Carrots (10), Cauliflower (5), Celery (10), Cucumber (7), Lettuce (10), Mush-rooms (3), Onions (10), Peas, fresh only (1), Peppers (5), Potatoes (35), Radishes (10), Spinach (7), 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. To protect bees, do not apply to bean or pea foliage if the crop or weeds in the treatment area are in bloom. Do not apply to corn during the pollen shed period. **To Control:** Aphids, Armyworms, Colorado Potato Beetle, Cucumber Beetles, Diamond Back Moth (larvae), Dipterous Leafminers, Flea Beetles, Grasshop-pers, Imported Cabbage Worms, Leafhoppers, Mexican Bean Beetles, Mites, Onion Thrips, Thrips, Vinegar Flies, Whiteflies.

For Disease Control on Fruits and Vegetables - Apply ORTHO Multi Purpose Fungicide DACTINIL 2787®. Follow label directions.

STORAGE AND DISPOSAL
STORAGE: Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Avoid contamination of feed and foodstuffs. Store in a cool, dry place, preferably in a locked storage area. Do not store diluted spray. Keep tightly capped. **DISPOSAL: PRODUCT -** Par-tially 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 DACTINIL 2787® - Reg. TM of ISK Biotech Co.

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Ortho Consumer Products Division
PO Box 5047
San Ramon CA 94583 0947
Product 1000-50
Form 10365 E
EPA Reg. No. 239-2350-AA
EPA Est. 239-140-1



OR Fruit & V Insect

Controls Most Fruit Tre
For Use in the



Active Ingredient
Diazinon (O,O-dethyl-O-
[2-isopropyl 6-methyl-4-pyr-
midinyl]phosphorothioate) . . . 25%
Inert Ingredients . . . 75%
*Contains Aromatic Petroleum
Derivative Solvent
DO NOT USE IN THE HOME

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ACCEPTED
with COMMENTS
in EPA Letter Dat

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Under the Federal In-
Fungicide, and Roden-
as amended, for the
registered under EPA
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