



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

AUG 17 1999

Mr. Mohsen A. Sales
Elf Atochem North America, Inc.
1713 S. California Avenue
Monrovia, California 91016-0120

Subject: No Scald DPA EC-283
EPA Registration No. 2792-45 ✓
Your label amendment application dated June 14, 1999

Dear Mr. Sales,

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable provided that you:

1. Make the following changes to the label:
 - a. Place a box around the "USER SAFETY RECOMMENDATION:" section.
 - b. Change the second sentence in the "CONTAINER DISPOSAL:" section from:

"Then offer for recycling or reconditioning, or puncture or dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning."

to

"Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning."

2. Submit one copy of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration may 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 these conditions.

If you have any questions about this letter, please contact John Bazuin at (703)305-6117.

Sincerely yours,

(S)
Cynthia L. Giles-Parker
Product Manager (22)
Fungicide Branch
Registration Division (7505C)

Attachment: Label stamped "ACCEPTED with COMMENTS"

DECCO

elf atochem

No Scald DPA EC-283

For reduction of scald on apples in storage

ACTIVE INGREDIENT:

Diphenylamine 31.0%

INERT INGREDIENTS 69.0%

TOTAL 100.0%

FOR AGRICULTURAL USE ONLY

KEEP OUT OF REACH OF CHILDREN

CAUTION

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, or if available by administering syrup of ipecac. If person is unconscious, do not give anything by mouth and do not induce vomiting.

If on skin: Wash with plenty of soap and water. Get medical attention.

If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

If in eyes: Flush with plenty of water. Call a physician if irritation persists.

SEE SIDE PANEL FOR
ADDITIONAL PRECAUTIONARY STATEMENTS

Net Contents: 5 gallons

EPA Registration No. 2792-45

EPA Est. No. 2792-CA-1

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or absorbed through skin or inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Avoid breathing spray mist. Wear long-sleeved shirt and long pants, socks and shoes and chemical resistant gloves (such as Nitrile, Butyl, Neoprene, and / or Barrier Laminate). Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash clothing before reuse.

PERSONAL PROTECTION EQUIPMENT:

PPE Requirements for all mixer/loaders are long sleeve shirt, long pants and chemical resistant gloves; PPE Requirements for all applicators are long sleeve shirt and long pants.

Discard clothing or other absorbent materials that have been drenched or heavily contaminated with products concentrate. Do not reuse them.

Follow manufacturer's instructions for cleaning / maintaining PPE. If no such instructions for washable, use detergent and hot water. Keep and wash PPE separate from other laundry.

USER SAFETY RECOMMENDATION:

User should:

- * Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- * Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- * Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS:

This pesticide is toxic to fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other water unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewage systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

ACCEPTED
with COMMENTS
In EPA Letter Dated:

AUG 17 1999

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under FIFRA Sec. 24(c)

2792-45

345

DIRECTIONS FOR USE:

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in an area during application.

STORAGE AND DISPOSAL

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

STORAGE:

Store in a cool place above freezing.

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 or dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Once opened, use the entire contents of this container within 30 days.

PRECAUTIONS-PROPER USE

SAFETY TO FRUIT: DPA has been safely used on many apple varieties. Rates higher than 1000 ppm have at times caused injury to Baldwin, Grimes Golden, and Rome Beauty. First use of this product should be on a trial basis until experience has been gained with it. However, improper use may cause injury to fruit; injury may occur on Golden Delicious apples. Burning may occur when fruit is allowed to remain in pools of DPA solution at the bottoms of poorly drained crates or bins. Tilt bins if necessary. Do not use bins with liners. Keep all tanks and equipment clean at all times. Flush out tank thoroughly after each use and before refilling. Prepare fresh solution daily or more often if solution becomes dirty; replace with fresh solution after treating 30 bins with each 100 gallons of solution. Do not combine this product with calcium chloride or other materials without first consulting a qualified expert. Do not use treated apples in the manufacture of livestock feed. Do not apply to fruit which received preharvest treatment of DPA. Do not wrap treated apples with impregnated DPA wrappers.

Directions for use continued on next panel.

DIRECTIONS FOR USE: (Continued)

NOTE: In some years scald development can be serious. In such year DPA may have reduced effectiveness. After three months of storage, samples of fruit should be periodically examined for scald development.

APPLICATION

MIXING INSTRUCTIONS: Add required amount of concentrate slowly and with good stirring to water, agitating continuously for at least five minutes.

DOSAGE RATE: For 1000 ppm (parts per million) DPA, use one gallon of concentrate in water to make 320 gallons of spray emulsion. For 2000 ppm DPA, use one gallon of concentrate in water to make 160 gallons of emulsion.

RATES OF APPLICATION: Treat fruit within seven days after harvest, prior to placing in storage. For best results, treat as soon as possible after picking. Use 1000 to 2000 ppm depending on variety and growing conditions. Consult local Extension or Experiment Station experts for recommended rates.

POST HARVEST APPLICATIONS:

(A) **DIPPING.** Immerse all fruit completely in the NO SCALD DPA emulsion. Remove and allow apples to **drain thoroughly**, then place in cold storage.

(B) **DRENCHING.** Use in recirculating drenchers. Remove immediately after drench and allow the apples to **drain thoroughly**; then place in cold storage.

(C) **SPRAYING.** Spray or flood apples with appropriate equipment. Allow sufficient space for adequate drainage.

The contact time should be controlled. Treat for 30 seconds to 2 minutes depending on DPA concentration and variety.

Flooding or spraying fruit in crates or bulk bins may not allow for sufficient drainage and may result in some fruit burning where bottom fruit remain in accumulated pools of liquid. Consult local Experiment Station Pomologists for methods of avoiding such injury.

Shipping containers should be marked: "Treated with Diphenylamine."

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WARRANTY AND DISCLAIMER

ELF ATOCHEM N.A. INC. warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the risks referred to therein. ELF ATOCHEM N.A. INC. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL ELF ATOCHEM N.A. INC. OR SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, BUSINESS REPUTATION, OR CUSTOMERS; LABOR COST, OR OTHER EXPENSES INCURRED IN REPACKAGING, SORTING OR REPROCESSING.

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U.S. PATENTS 3, 526, 518; 3, 526, 518; 3, 526, 528

ELF ATOCHEM NORTH AMERICA, INC.

Agrichemicals Division

Decco Department

Monrovia, CA 91017-0120

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