



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

April 3, 2020

Mohsen A. Sales
Technical Service Manager
Decco US Post-Harvest Inc.
1713 South California Avenue
Monrovia, CA 91016

Subject: Registration Review Label Mitigation for Diphenylamine
Product Name: No Scald DPA EC-283
EPA Registration Number: 2792-45
Application Dates: 9/18/2019
Decision Numbers: 561284

Dear Mr. Sales

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Diphenylamine(DPA) Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

A copy of your label stamped "Accepted" is enclosed. Products shipped after 12 months from the date of this amendment must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

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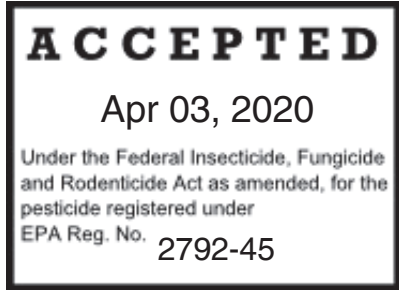
If you have any questions about this letter, please contact Darius Stanton by phone at 703-347-0433, or via email at Stanton.darius@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Linda Arrington".

Linda Arrington, Branch Chief
Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division
Office of Pesticide Programs

Enclosure



No Scald DPA EC-283
For reduction of scald on apples in storage

ACTIVE INGREDIENT:	
Diphenylamine.....	31.0%
OTHER INGREDIENTS	69.0%
TOTAL	100.0%

EPA Reg. No. 2792-45 EPA Est. No. 2792-CA-1
Net Contents: 5 Gallons 30 Gallons 55 Gallons

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

If swallowed:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

If on skin or clothing:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 to 20 minutes.
- Call a poison control center or doctor for treatment advice.

If inhaled:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for further treatment advice.

If in eyes:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

EMERGENCY TELEPHONE NUMBERS:

CHEMETRIC: 800-424-9300

MEDICAL: 303-623-5716

Rocky Mountain Poison & Drug Safety

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

**SEE SIDE PANEL FOR
ADDITIONAL PRECAUTIONARY STATEMENTS**

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, absorbed through skin, or inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Avoid breathing vapor or spray mist. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Applicators and other handlers (including mixers, loaders, persons cleaning or maintaining the application equipment, truck drivers in drive-through drench operations, and persons handling treated apples or apple containers that are still wet) must wear long-sleeved shirt, long pants, goggles, shoes and socks, and chemical-resistant glove made out of waterproof materials such as polyvinyl chloride, nitrile rubber or butyl rubber.

ENGINEERING CONTROLS:

For truck drivers in drive-through drench application only:

When drivers inside the truck cab in the drive-through drench application (only) remain inside the cab with windows and doors closed, they:

- May wear a long-sleeved shirt, long pants, and shoes plus socks
- Must be provided with, and must have immediately available for use in an emergency, all the PPE listed above when they exit the cab in or immediately adjacent to the treatment area during application.
- Must store all such PPE in a chemical-resistant container, such as plastic bag, to prevent contamination of the inside of the cab.

Applicators and other handlers

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 product is toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

This product is toxic to fish. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters 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 sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

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:

Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available.

For 5 gallons container: Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

For 30 & 55 gallons container: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container $\frac{1}{4}$ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

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 diphenylamine to apples before harvest.

Shipping containers should be marked: Treated with Diphenylamine.

DO NOT apply diphenylamine to apples via treated wrapping papers.

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.

DIRECTIONS FOR USE (CONTINUED):

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.

NOT FOR USE IN CALIFORNIA. For Granny Smith apples use 2200 PPM DPA. Dilute 1 gallon of concentrate to 145 gallons of water to obtain 2200 PPM DPA. (Not for this use in California).

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 re-circulating 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."

WARRANTY AND DISCLAIMER

DECCO US POST-HARVEST 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. DECCO US POST-HARVEST INC. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. TO THE EXTENT ALLOWED BY APPLICABLE LAW, IN NO CASE SHALL DECCO US POST-HARVEST 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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