

# UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

March 7, 2016

Mohsen Sales Technical Service Manager Decco US Post-Harvest Inc. 1713 S. California Ave. Monrovia, CA 91016

Subject: Notification per PRN 98-10 – To correct the number of fruit bins treated per gallon of product. Product Name: CitruStor EPA Registration Number: 2792-78 Application Date: 1/22/16 Decision Number: 513430

Dear Mr. Sales.

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records.

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.

If you have any questions, you may contact Shaunta Hill at 703-347-8961 or via email at <u>hill.shaunta@epa.gov</u>.

Sincerely,

Tony Kish, Product Manager 22 Fungicide Branch Registration Division (7505P) Office of Pesticide Programs



2792-78



CitruStor

# For control of green mold, blue mold and brown rot of citrus fruit

## ACTIVE INGREDIENT:

EPA Reg. No.

pesticide registered under

2-(4-thiazolyl)-benzimidazole (Thiabendazole)	2.8%*
OTHER INGREDIENTS	7.2%
TOTAL	).0%

\*: Weight by Weight

Contains 2.08 pounds of active ingredient per gallon Net Content: 1 gallon

EPA Registration Number 2792-78

EPA Establishment No. 2792-CA-01

# KEEP OUT OF THE REACH OF CHILDREN CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. If you do not understand the label, find someone to explain it to you

# FIRST AID

## **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.

## IF ON SKIN OR CLOTHING:

Take off contaminated clothing.

Rinse skin immediately with plenty of water for 15-20 minutes.

Call a poison control center or doctor for treatment advice.

## **IF SWALLOWED:**

Call 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 poison control center or doctor.

Do not give anything to an unconscious person.

## **IF INHALED:**

Move person to fresh air.

If person is not breathing, call 911 or ambulance, then give artificial respiration,

preferably mouth-to-mouth, if possible.

Call a poison control center or doctor for further treatment advice.

## **HOT LINE NUMBER:**

In case of emergency call Chemtrec at 1- 800-424-9300

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

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Causes moderate eye irritations. Avoid contact with eyes or clothing. Wear protective eyewear such as google, safety glasses or face shield.

## Personal Protective Equipment (PPE)

Handlers (including mixers, loaders, persons cleaning or monitoring the fogging equipment) must wear:

- Long-sleeved shirt and long pants
- > Protective eyewear such as goggles, safety glasses, or a face shield
- Chemical-resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber, or butyl rubber.
- Shoes and socks

#### **Fumigating applicators must wear:**

- > Full-face respirator with organic vapor filter
- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material such a polyvinyl chloride, nitrile rubber or butyl rubber
- Shoes and socks

#### **User Safety Requirements**

Discard clothing or other absorbent materials that have been fogged or heavily contaminated with the product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/handling PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

## **User Safety Recommendations**

- Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Users should remove clothing / PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should 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**

Do not apply directly to water by cleaning of equipment or disposal of waste. This product is toxic to fish and aquatic invertebrates. 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 the area during application.

#### **Application Restrictions**

Do not apply CitruStor on the same fruit more than once.

CitruStor treatment replaces the drench treatment with Thiabenazole. Do not drench fruit treated with CitruStor.

#### Recommendations

- > Treat only dry fruit as received from the field.
- > Apply to fruit within 24 days after harvesting.
- ➢ In case of treatment of a room that is not completely filled, calculate the dosage of CitruStor by adding a tonnage value of 20% of the empty volume to the real tonnage of the fruit.

#### **Application Rate**

Commodity	<b>Application Rate per Bin<sup>*)</sup></b>
Calamondin; citrus citron; citrus hybrids (including	0.27 fl. oz. (8.0 ml)
chironja, tangelo, tangor); grapefruit; kumquat; lemon;	
lime; mandarin (tangerine); orange, sour; orange, sweet;	
pummelo; Satsuma mandarin.	

\*) 1 bin = 900 pounds of fruit

#### **Preparation of CitruStor**

- > One gallon of CitruStor will treat 473 bins of fruit.
- > Measure appropriate amount of CitruStor in a stainless steel container.
- $\blacktriangleright$  Heat the content to 210<sup>o</sup>F.
- > Start agitation the product and continue the agitation during the application.

#### **Thermal Fogger Operation**

- Place the thermal fogger machine horizontally outside the treatment room at a height of about 3 feet from the floor. Cover the door or window to the treatment room with a plastic sheet and insert the fogging pipe through a hole in the plastic. Seal the opening around the nozzle with duct tape.
- Adjust the pump and mount the nozzle to deliver up to120 mL per minute.
- Turn on the thermal fogger machine
- Insert the insulated input pipe into the heated CitruStor. Start the pump for application. Keep the temperature of CitruStor at 200-210<sup>0</sup>F during application .

#### **Application Procedures**

- DO NOT breathe any fog.
- Turn off room cooling systems and humidifiers 12 hours prior to and during treatment.
- Turn off room circulation fans immediately prior to and during treatment.
- Turn on room circulation fans 15 minutes after the treatment.
- Allow the fog to totally disappear before restarting cooling systems.

## **Re-Entry**

Entry into the treatment area by another person other than properly trained and equipped handlers is prohibited from the start of application until the treated area is ventilated as follows:

- 8 hours with no ventilation followed by 1 hour of mechanical ventilation
- 24 hours with no ventilation

In case it is necessary to enter the treatment area during treatment or before ventilation requirements have been met, handlers must wear chemical resistant headgear and a self-contained breathing apparatus (SCBA, MSHA/NIOSHA approval number prefix TC-13F) in addition to PPE (except full face respirator) listed under the PRECAUTIONARY STATEMENTS.

## STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store in the original container in a cool dry place. Do not store in a manner where cross-contamination with other pesticides, fertilizers, food or feed could occur.

**Pesticide Disposal:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Handling:** Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying.

#### 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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DECCO US POST-HARVEST INC. 1713 S. California Ave. Monrovia, CA 91016-0120

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