



# DECCO NO SCALD DPA AEROSOL\*

**For reduction of scald on apples in storage**

**ACTIVE INGREDIENT:**

Diphenylamine ..... 99.9%

OTHER INGREDIENTS ..... 0.1%

TOTAL ..... 100.0%

Net Contents: 22 pounds (10 kg)

\*In one pound (453 g) plastic bags

Batch #: I3527 Do Not Use After: July 2011

EPA Registration Number 2792-73

EPA Establishment No. 2792-CA-1

## KEEP OUT OF THE REACH OF CHILDREN

## DANGER/ / PELIGRO

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 by mouth 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 DANGER

Corrosive. Causes irreversible eye damage. Wear protective eyewear such as goggles, safety glasses, or face shield. Do not get in eyes or on clothing.

**Personal Protective Equipment (PPE)**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instruction for category A on an EPA Chemical Resistance Selection Sheet.

Handlers (including mixers, loaders, persons cleaning or monitoring the fogging equipment, and persons handling treated apples or apple containers still wet with DPA) 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

**ENVIRONMENTAL HAZARDS**

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.

**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, 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 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.

**Application Restrictions**

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. Consult Agricultural Experiment station or Extension Service pomology specialists for current recommended DPA treatment practices for local apple varieties.

**Recommendations**

- Treat only dry fruit as received from the field
- Apply to fruit within 15 days after harvesting, prior to placing in storage. In case of treatment of a room that is not completely filled, calculate the dosage of DPA Aerosol by adding a tonnage value of 20% of the empty volume to the real tonnage of the fruit

**Application Rate**

Apple Variety	Application Rate per US Ton <sup>*)</sup>
Granny Smith	0.25-oz (7.0g)
Red Delicious	0.25-oz (7.0g)
Braeburn, Fuji, Idared	0.20-oz (5.6g)
Cortland, Empire, Jonagold, McIntosh, Rome Beauty, Gala, Stayman, Winesap, Camayo	0.25-oz (7.0g)
Golden Delicious	0.15-oz (4.0g)

\*) If required a second application of 40% of initial amount can be carried out 3-4 months after the first application.

**Preparation of DPA Aerosol**

Calculate the amount of DPA Aerosol according to the table above.

- Weigh the amount to the nearest gram into a 1-gallon stainless steel container.
- Cover and place the container on an electrical heater and melt the DPA Aerosol at 180°F

**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 to 120 mL per minute.
- Turn on the thermal fogger machine
- Insert the insulated input pipe into the molten DPA Aerosol. Start the pump. Keep the molten DPA temperature at 160-180F

**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 one hour after the treatment.
- Allow the fog totally to disappear (about 5 hours post-treatment) before restarting cooling systems
- DO NOT rinse apples after treatment
- DO NOT use treated apples for pomace or livestock feed as illegal residues may occur in meat or milk
- DO NOT wrap apples in Diphenylamine-treated paper
- Fruit must have shipping carton marked: “Treated with Diphenylamine to retard spoilage.”
- DO NOT apply to fruit treated with diphenylamine prior to harvesting.

**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/NIOSH approval number prefix TC-13F) in addition to PPE (except full face respirator) listed under the PRECAUTIONARY STATEMENTS.

**Check for Post-Treatment Signs of Scald**

In years of severe scald development, Decco DPA Aerosol may not give desired control or other factors may reduce its effectiveness. After several months of storage, collect samples of fruit periodically (every 2 or 3 weeks) and hold them at room temperature to assess scald development. Fruit lots showing scald can often be marketed immediately.

**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 Disposal:** Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Dispose of empty bags in a sanitary landfill or by incineration or if allowed by State and local authorities by burning. If burned stay out of smoke.

**WARRANTY AND DISCLAIMER**

DECCO CEREXAGRI 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 CEREXAGRI INC. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW IN NO CASE SHALL DECCO CEREXAGRI 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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