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SHIELD DPA 15% Super Refined

CANADA
COMMERCIAL

Shield DPA 15% Super Refined is recommended for reducing scald damage to apples while in storage.

Shield DPA 15% Super Refined is a special liquid form of diphenylamine which mixes easily with water to form ready-to use solutions.

REGISTRATION NO. 18983 PEST CONTROL PRODUCTS ACT

GUARANTEE: Diphenylamine 15.0%

WARNING



POISON



FLAMMABLE
FLASHPOINT 29°C

Keep Away From Heat or Open Flame

READ THE LABEL BEFORE USING

KEEP OUT OF REACH OF CHILDREN.

HARMFUL IF SWALLOWED.

Net Contents: 19 Liters (5 Gallons)
208 Liters (55 Gallons)
1248 Liters (330 Gallons)

Pace International LLC

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PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.

Avoid contact with skin, eyes or clothing. Avoid breathing spray mist. Use only in open or in well ventilated quarters. Wash thoroughly after handling, and before eating, drinking or smoking. Do not contaminate food or feed.

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's website at: www.croplife.ca

Handlers (including mixers, loaders, persons cleaning or maintaining the drencher equipment, and persons handling treated apples or apple containers still wet with drench) must wear long-sleeved shirt, long pants and chemical resistant gloves.

Drenching applicators must wear long-sleeved shirt and long pants. Exception: Persons who, during the application, remain inside the truck cab with the windows and doors closed need not wear the PPE required for other handlers. However, if such drivers exit the cab in or immediately adjacent to the treatment area during the application, then they must wear the required PPE.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

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

Users must 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.

FIRST AID: If on skin or clothing, take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for 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 centre or doctor for treatment advice. If swallowed, call a poison control centre 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 centre or doctor. Do not give anything by mouth to an unconscious person. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

AVOID STORING BELOW 5°C.

This product is toxic to fish.

DISPOSAL

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of container prior to disposal.
3. Make empty container unsuitable for further use.
4. Dispose of container in accordance with provincial requirements.
5. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO USER

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product. Consult Agricultural Experiment Station or Extension Service Pomology Specialists for current recommended DPA use-solution concentrations for local apple varieties.

Pomologists' Recommendations:

- a. Use 1000 ppm solutions for Cortland, McIntosh, Rome Beauty, Turley, Stayman and Winesap varieties.
- b. Use 2000 ppm solutions for Red Delicious.
- c. For treatment of Golden Delicious and Granny Smith, consult your local pomologist.
- d. Treat only dry fruit as received from field. Apply to fruit within 7 days after harvesting and prior to placing in storage.

Check for scald:

In years of severe scald development, the inhibitor may not give sufficient control, or other factors may reduce its effectiveness. After several months of storage, samples of fruit should be removed periodically (every 2 or 3 weeks) and held at room temperature for determination of any scald development. Lots showing a scald potential can often be marketed immediately without any difficulty.

USER IS CAUTIONED THAT EVEN UNDER IDEAL CONDITIONS, THE USE OF SHIELD DPA 15% SUPER REFINED MAY NOT TOTALLY PREVENT SCALD AND MAY CAUSE INJURY TO SOME FRUIT.

DIRECTIONS FOR USE

It is recommended that this product not be applied in a way that will contact workers or other persons, either directly or through drift. Only handlers wearing personal protective equipment may be in the area during application.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

For best results, treat as soon as possible after picking.

Use recirculating drenchers only to treat fruit.

Clean tank well before preparing or recharging with fresh use-solution.

USE-SOLUTIONS

ppm

Add 1 liter Shield DPA 15% Super Refined to 149 liters water = 1000

Add 1 liter Shield DPA 15% Super Refined to 74 liters water = 2000

DO NOT combine this product with any other material.

Recirculate both fresh solutions and used solutions thoroughly before treating any apples.

Use-solutions must have continuous recirculation to prevent stratification.

Remove any soil scums that accumulate on top of use-solution.

Replace with fresh solution after treating 7 bins (25 bushels = 1 bin) with each 100 liters of use-solution.

Drain thoroughly following treatment, then place in cold storage. **DO NOT** rinse apples after treatment.

To avoid or reduce fruit injury, remove excess DPA use-solution remaining on apples. Drain thoroughly following treatment. Tilt bins to prevent collection of DPA use-solution in bottom of bins. **DO NOT** use bins with liners which interfere with drainage. Bins which do not allow sufficient drainage of use-solution may result in some fruit burning.

Also to avoid injury, prevent orchard soils or foam from remaining on fruit following treatment.

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

NOTICE TO GROWERS AND FRUIT PACKERS:

Fruit must have shipping containers marked "Treated with Diphenylamine to retard spoilage."

DO NOT apply to fruit treated with Diphenylamine prior to harvest.

DO NOT use treated apples for pomace for livestock feed, as illegal residues may occur in meat or milk.

DO NOT store DPA-treated apples in rooms containing pears or other fruits.

DO NOT wrap treated apples with Diphenylamine-treated paper.

For more information about PACE's products, their uses and benefits, consult your PACE representative or our website at www.paceint.com.

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PRODUCT OF USA

FLAMMABLE LIQUID, n.o.s. (Isopropanol), 3, UN 1993, PG III

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