
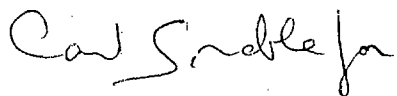


64864-47

7/31/2008

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 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505P) 1200 Pennsylvania Ave., N.W. Washington, D.C. 20460</p> <p>NOTICE OF PESTICIDE: <input type="checkbox"/> Registration <input checked="" type="checkbox"/> Reregistration (under FIFRA, as amended)</p>	EPA Reg. Number: 64864-47	Date of Issuance: JUL 31 2008
	Terms of Issuance: Unconditional	
	Name of Pesticide Product: Shield-Brite TBZ	
Name and Address of Registrant (include ZIP Code): Pace International LLC 5661 Branch Road Wapato, WA 98951 ATTN: Andrew Kieniksman		
<p>Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.</p>		
<p>On the basis of information furnished by the registrant, the above named pesticide is hereby reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p> <p>Based on your response to the Reregistration Eligibility Decision for Thiabendazole, EPA has reregistered the product listed above provided the following the changes are made:</p> <ul style="list-style-type: none"> • Under "PPE", insert "exist" after "washables" within the sentence beginning with "If no such instructions. • Within the "STORAGE & DISPOSAL" box, insert "Pesticide Storage: Store in a cool, dry place." below the statement that begins with "Do not contaminate...." <p>This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product. A copy of your label stamped "Accepted w/ Comments" is enclosed for your records.</p>		
Signature of Approving Official:  Tony Kish Product Manager (Team 22) Fungicide Branch Registration Division	Date: JUL 31 2008	

Shield-Brite® TBZ

A FUNGICIDE FOR POST-HARVEST TREATMENT OF APPLES & PEARS, CARROTS, CITRUS FRUITS AND POTATOES

Active Ingredient:
 2-(4-thiazolyl)-benzimidazole (TBZ)99.5%
Inert Ingredients:0.5%
Total.....100.0%

EPA Reg.No. 64864-47

EPA Est.No. 64864-WA-01

Keep Out of Reach of Children WARNING

FIRST AID

If inhaled	<ul style="list-style-type: none"> 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	<ul style="list-style-type: none"> 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 swallowed	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Do not give any liquid to the person. 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	<ul style="list-style-type: none"> 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.
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information concerning this product, call the National Pesticides Information Center (NPIC) at 1-800-858-7378 seven days a week, 6:30 am to 4:30 pm Pacific Time. During other times, call the poison control center at 1-800-222-1222.</p>	

PRECAUTIONARY STATEMENTS

Hazards to humans and domestic animals:

WARNING. May be fatal if inhaled. Causes moderate eye irritation. Do not breathe dust. Avoid contact with eyes or clothing.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt
- Long pants
- Chemical resistant gloves
- Shoes plus socks
- A dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C), or a NIOSH approved respirator with any N, R, P or HE filter

Follow manufacturer's instructions for cleaning/maintaining 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.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of National Pollutant Discharge Elimination Systems (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.

Net Weight: 212 / 318 / 575 / 742 grams

ACCEPTED
 with **COMMENTS**
 In EPA Letter 660-Branch
 JUL 31 2008

Distributed By:
 Pace International LLC
 800-936-6750
 www.paceint.com

**Under the Federal Insecticide,
 Fungicide, and Rodenticide Act
 as amended, for the pesticide
 registered under EPA Reg. No.**

64864-47

(212 gram package label directions)

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

APPLES & PEARS: Post-harvest control of *Botrytis* and *Penicillium* Rots. As spray or drench: Dilute 212 g of Shield-Brite TBZ in 56 gallons of water to yield 1000 ppm TBZ. Keep suspension under constant gentle agitation. Do not treat fruit for more than 3 minutes. Treat only once, either before or after storage. Drain fruit thoroughly after treatment and do not rinse.

In wax: Dilute 212 g Shield-Brite TBZ in 28 gal. of apple wax to yield 2000 ppm TBZ. Spray suspension full strength at a rate of 1 gal per 8,000-10,000 pounds of fruit. Agitate wax suspension during application.

CARROTS: Post-harvest control of *Botrytis* Gray Mold and *Sclerotinia* Rot. Dilute 212 g Shield-Brite TBZ per 37.3 gal. water (1500 ppm) and apply before storage as an aqueous dip for up to 10 minutes. Replenish dip suspension when volume is too low or when it becomes dirty.

CITRUS FRUITS: Post-harvest control of *Penicillium* Molds and Stem End Rot. In AZ and CA, dilute up to 212 g Shield-Brite TBZ per 11 gal. of citrus wax (5000 ppm) and apply a single application of 1 gal. wax suspension / 3500 lbs fruit. Agitate wax suspension during application. In FL and TX, 2 sequential applications may be applied: First, dilute up to 212 g Shield-Brite TBZ per 56 gal. water (1000 ppm) and apply as an aqueous dip for up to 3 minutes before de-greening. Replenish dip suspension when volume is too low or when it becomes dirty. After de-greening and washing, mix 212 g Shield-Brite TBZ in 56 to 15.7 gal. citrus wax (1000-3500 ppm) and apply 1 gal. wax suspension / 3500 lbs fruit.

POTATOES: Post-harvest control of *Fusarium* Tuber Rot. Before storage, mist unwashed tubers on a conveyor line with tumbling action, using 5.68 g Shield-Brite TBZ per 2000 lbs tubers in sufficient water for complete coverage. If needed before shipping, tubers may be retreated after at least 30 days storage, using either a 2nd mist as described above or a 20 second dip of 5.68 g Shield-Brite TBZ per gal. water. Replenish dip suspension when volume is too low or when it becomes dirty.

For Seedpiece Potatoes, mist unwashed tubers before storage as described above. DO NOT retreat. DO NOT treat after cutting.

Shield-Brite TBZ should be used as part of an Integrated Management Program for potatoes, which includes prevention of bruising during harvest and maintaining proper storage temperatures and relative humidity. Neither cultural practices nor TBZ treatment will prevent *Fusarium* infection if potatoes are damaged or improperly stored.

STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Store in a cool, dry place.

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: - Completely empty foil bag into application equipment by shaking and tapping sides and bottom to loosen clinging particles. Dispose of foil bags and outer case in a sanitary landfill or by incineration, or, if allowed by State and local Authorities, by burning. If burned, stay out of smoke.

Shield-Brite is a registered trademark of Pace International, LLC

SKU: 10183

121207EPA-DRAFT

(318 gram package label directions)

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

APPLES & PEARS: Post-harvest control of *Botrytis* and *Penicillium* Rots. As spray or drench: Dilute 318 g of Shield-Brite TBZ in 83.5 gallons of water to yield 1000 ppm TBZ. Keep suspension under constant gentle agitation. Do not treat fruit for more than 3 minutes. Treat only once, either before or after storage. Drain fruit thoroughly after treatment and do not rinse.

In wax: Dilute 318 g Shield-Brite TBZ in 42 gal. of apple wax to yield 2000 ppm TBZ. Spray suspension full strength at a rate of 1 gal per 8,000-10,000 pounds of fruit. Agitate wax suspension during application.

CARROTS: Post-harvest control of *Botrytis* Gray Mold and *Sclerotinia* Rot. Dilute 318 g Shield-Brite TBZ per 55 gal. water (1500 ppm) and apply before storage as an aqueous dip for up to 10 minutes. Replenish dip suspension when volume is too low or when it becomes dirty.

CITRUS FRUITS: Post-harvest control of *Penicillium* Molds and Stem End Rot. In AZ and CA, dilute up to 318 g Shield-Brite TBZ per 16.5 gal. of citrus wax (5000 ppm) and apply a single application of 1 gal. wax suspension / 3500 lbs fruit. Agitate wax suspension during application. In FL and TX, 2 sequential applications may be applied: First, dilute up to 318 g Shield-Brite TBZ per 83.5 gal. water (1000 ppm) and apply as an aqueous dip for up to 3 minutes before de-greening. Replenish dip suspension when volume is too low or when it becomes dirty. After de-greening and washing, mix 318 g Shield-Brite TBZ in 83.5 to 24 gal. citrus wax (1000-3500 ppm) and apply 1 gal. wax suspension / 3500 lbs fruit.

POTATOES: Post-harvest control of *Fusarium* Tuber Rot. Before storage, mist unwashed tubers on a conveyor line with tumbling action, using 5.68 g Shield-Brite TBZ per 2000 lbs tubers in sufficient water for complete coverage. If needed before shipping, tubers may be retreated after at least 30 days storage, using either a 2nd mist as described above or a 20 second dip of 5.68 g Shield-Brite TBZ per gal. water. Replenish dip suspension when volume is too low or when it becomes dirty.

For Seedpiece Potatoes, mist unwashed tubers before storage as described above. DO NOT retreat. DO NOT treat after cutting.

Shield-Brite TBZ should be used as part of an Integrated Management Program for potatoes, which includes prevention of bruising during harvest and maintaining proper storage temperatures and relative humidity. Neither cultural practices nor TBZ treatment will prevent *Fusarium* infection if potatoes are damaged or improperly stored.

STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Store in a cool, dry place.

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: - Completely empty foil bag into application equipment by shaking and tapping sides and bottom to loosen clinging particles. Dispose of foil bags and outer case in a sanitary landfill or by incineration, or, if allowed by State and local Authorities, by burning. If burned, stay out of smoke.

Shield-Brite is a registered trademark of Pace International, LLC

SKU: 10184

121207EPA-DRAFT

(575 gram package label directions)

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

APPLES & PEARS: Post-harvest control of *Botrytis* and *Penicillium* Rots. As spray or drench: Dilute 575 g of Shield-Brite TBZ in 151 gallons of water to yield 1000 ppm TBZ. Keep suspension under constant gentle agitation. Do not treat fruit for more than 3 minutes. Treat only once, either before or after storage. Drain fruit thoroughly after treatment and do not rinse.

In wax: Dilute 575 g Shield-Brite TBZ in 75.5 gal. of apple wax to yield 2000 ppm TBZ. Spray suspension full strength at a rate of 1 gal per 8,000-10,000 pounds of fruit. Agitate wax suspension during application.

CARROTS: Post-harvest control of *Botrytis* Gray Mold and *Sclerotinia* Rot. Dilute 575 g Shield-Brite TBZ per 100 gal. water (1500 ppm) and apply before storage as an aqueous dip for up to 10 minutes. Replenish dip suspension when volume is too low or when it becomes dirty.

CITRUS FRUITS: Post-harvest control of *Penicillium* Molds and Stem End Rot. In AZ and CA, dilute up to 212 g Shield-Brite TBZ per 30 gal. of citrus wax (5000 ppm) and apply a single application of 1 gal. wax suspension / 3500 lbs fruit. Agitate wax suspension during application. In FL and TX, 2 sequential applications may be applied: First, dilute up to 575 g Shield-Brite TBZ per 151 gal. water (1000 ppm) and apply as an aqueous dip for up to 3 minutes before de-greening. Replenish dip suspension when volume is too low or when it becomes dirty. After de-greening and washing, mix 575 g Shield-Brite TBZ in 151 to 43 gal. citrus wax (1000-3500 ppm) and apply 1 gal. wax suspension / 3500 lbs fruit.

POTATOES: Post-harvest control of *Fusarium* Tuber Rot. Before storage, mist unwashed tubers on a conveyor line with tumbling action, using 5.68 g Shield-Brite TBZ per 2000 lbs tubers in sufficient water for complete coverage. If needed before shipping, tubers may be retreated after at least 30 days storage, using either a 2nd mist as described above or a 20 second dip of 5.68 g Shield-Brite TBZ per gal. water. Replenish dip suspension when volume is too low or when it becomes dirty.

For Seedpiece Potatoes, mist unwashed tubers before storage as described above. DO NOT retreat. DO NOT treat after cutting.

Shield-Brite TBZ should be used as part of an Integrated Management Program for potatoes, which includes prevention of bruising during harvest and maintaining proper storage temperatures and relative humidity. Neither cultural practices nor TBZ treatment will prevent *Fusarium* infection if potatoes are damaged or improperly stored.

STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Store in a cool, dry place.

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: - Completely empty foil bag into application equipment by shaking and tapping sides and bottom to loosen clinging particles. Dispose of foil bags and outer case in a sanitary landfill or by incineration, or, if allowed by State and local Authorities, by burning. If burned, stay out of smoke.

Shield-Brite is a registered trademark of Pace International, LLC

SKU: 10226
121207EPA-DRAFT

(742 gram package label directions)

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

APPLES & PEARS: Post-harvest control of *Botrytis* and *Penicillium* Rots. As spray or drench: Dilute 742 g of Shield-Brite TBZ in 195 gallons of water to yield 1000 ppm TBZ. Keep suspension under constant gentle agitation. Do not treat fruit for more than 3 minutes. Treat only once, either before or after storage. Drain fruit thoroughly after treatment and do not rinse.

In wax: Dilute 742 g Shield-Brite TBZ in 97.5 gal. of apple wax to yield 2000 ppm TBZ. Spray suspension full strength at a rate of 1 gal per 8,000-10,000 pounds of fruit. Agitate wax suspension during application.

CARROTS: Post-harvest control of *Botrytis* Gray Mold and *Sclerotinia* Rot. Dilute 742 g Shield-Brite TBZ per 130 gal. water (1500 ppm) and apply before storage as an aqueous dip for up to 10 minutes. Replenish dip suspension when volume is too low or when it becomes dirty.

CITRUS FRUITS: Post-harvest control of *Penicillium* Molds and Stem End Rot. In AZ and CA, dilute up to 742 g Shield-Brite TBZ per 39 gal. of citrus wax (5000 ppm) and apply a single application of 1 gal. wax suspension / 3500 lbs fruit. Agitate wax suspension during application. In FL and TX, 2 sequential applications may be applied: First, dilute up to 742 g Shield-Brite TBZ per 195 gal. water (1000 ppm) and apply as an aqueous dip for up to 3 minutes before de-greening. Replenish dip suspension when volume is too low or when it becomes dirty. After de-greening and washing, mix 742 g Shield-Brite TBZ in 195 to 55 gal. citrus wax (1000-3500 ppm) and apply 1 gal. wax suspension / 3500 lbs fruit.

POTATOES: Post-harvest control of *Fusarium* Tuber Rot. Before storage, mist unwashed tubers on a conveyor line with tumbling action, using 5.68 g Shield-Brite TBZ per 2000 lbs tubers in sufficient water for complete coverage. If needed before shipping, tubers may be retreated after at least 30 days storage, using either a 2nd mist as described above or a 20 second dip of 5.68 g Shield-Brite TBZ per gal. water. Replenish dip suspension when volume is too low or when it becomes dirty.

For Seedpiece Potatoes, mist unwashed tubers before storage as described above. DO NOT retreat. DO NOT treat after cutting.

Shield-Brite TBZ should be used as part of an Integrated Management Program for potatoes, which includes prevention of bruising during harvest and maintaining proper storage temperatures and relative humidity. Neither cultural practices nor TBZ treatment will prevent *Fusarium* infection if potatoes are damaged or improperly stored.

STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Store in a cool, dry place.

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: - Completely empty foil bag into application equipment by shaking and tapping sides and bottom to loosen clinging particles. Dispose of foil bags and outer case in a sanitary landfill or by incineration, or, if allowed by State and local Authorities, by burning. If burned, stay out of smoke.

Shield-Brite is a registered trademark of Pace International, LLC

SKU: 10185
121207EPA-DRAFT

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