



Shield-Brite® TBZ 99WP

POSTHARVEST

Wettable Powder Fungicide for Postharvest Treatment of Listed Pome Fruits, Citrus, Carrots, and Potatoes

Active Ingredient:	
2-(4-thiazolyl)-benzimidazole (thiabendazole - TBZ)	98.75%
Inert Ingredients:.....	1.25%
Total.....	100.0%

EPA Reg. No. 64864-68

EPA Est. No. 64864-WA-01

Keep Out of Reach of Children

CAUTION

FIRST AID

If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have a 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	<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.
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 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.
<p>Have the product container or label with you when calling a poison center or doctor, or going for treatment.</p> <p>HOT LINE NUMBER</p> <p>Medical Emergency Phone Number 888-271-4649 (PROSAR) Transportation Emergency Phone No. 800-424-9300 (CHEMTREC)</p>	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION. Harmful if swallowed, inhaled or absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wear chemical resistant gloves and protective clothing when handling. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove contaminated clothing and wash before reuse.

Personal Protective Equipment (PPE)

Mixers, loaders, applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical resistant gloves
- Shoes plus socks
- Protective eyewear (such as goggles, safety glasses or a face shield)

A NIOSH approved particulate respirator with any N, R or P filter with NIOSH approval number prefix TC-84A; or a NIOSH approved powered air purifying respirator with HE filter with NIOSH approval number prefix TC-21C.

User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining 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.
- 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.

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.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR DISEASE CONTROL.

PRODUCT INFORMATION

Shield-Brite TBZ 99WP is a postharvest fungicide which aids in the control of many important plant diseases such as Blue Mold Rot, Bull's Eye Rot, Gray Mold (Nest Rot, CLuster Rot), Stem End and Neck Rot. If treatment is not effective following use of Shield-Brite TBZ 99WP as recommended, a tolerant strain of fungus may be present. Consideration should be given to prompt use of other suitable non-benzimidazole fungicides. Use of Shield-Brite TBZ 99WP should be integrated into an overall disease management program with each packinghouse.

Completely empty foil bag into application equipment by shaking and tapping sides and bottom to loosen clinging particles.

APPLES & PEARS: Postharvest control of Botrytis and Penicillium Rots. Spray or drench: Dilute 7.5 oz. (212 g) of Shield-Brite TBZ 99WP in 55 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 7.5 oz. (212 g) Shield-Brite TBZ 99WP in 27.5 gallons of apple wax to yield 2000 ppm TBZ. Spray suspension full strength at a rate of 1 gallon per 8,000-10,000 pounds of fruit. Agitate wax suspension during application.

CARROTS: Postharvest control of Botrytis Gray Mold and Sclerotinia Rot. Dilute 7.5 oz. (212 g) Shield-Brite TBZ 99WP in 37 gallons of 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: Postharvest control of Penicillium Molds and Stem End Rot.

In AZ and CA, dilute up to 7.5 oz. (212 g) Shield-Brite TBZ 99WP in 11 gallons of citrus wax (5000 ppm) and apply a single application of 1 gallon of wax suspension per 3500 lbs fruit. Agitate wax suspension during application.

In FL and TX, 2 sequential applications may be applied: First, dilute up to 7.5 oz. (212 g) Shield-Brite TBZ 99WP in 55 gallons of 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 7.5 oz. (212 g) Shield-Brite TBZ 99WP in 16 to 55 gallons of citrus wax (1000-3500 ppm) and apply 1 gallon of wax suspension per 3500 lbs fruit.

POTATOES: Postharvest control of *Fusarium* Tuber Rot. Before storage, mist unwashed tubers on a conveyor line with tumbling action, using 0.2 oz. (5.7 g) Shield-Brite TBZ 99WP 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 0.2 oz. (5.7 g) Shield-Brite TBZ 99WP per gallon of 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 99WP 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.

Distributed By:

Pace International LLC

5661 Branch Road, Wapato, WA 98951 800.936.6750 www.paceint.com

SKU # 10401

Lot #

Net Weight: 7.5 oz. (212 grams)





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Wettable Powder Fungicide for Postharvest Treatment of Listed Pome Fruit, Citrus, Carrots, and Potatoes

STORAGE & DISPOSAL

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

Pesticide Storage: 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.

NOTICE TO BUYER

IMPORTANT: Read the information below before using this product. If the terms are not acceptable, you should return the unopened product container immediately for a complete refund.

LIMITED WARRANTY, TERMS OF SALE, AND LIMITATION OF LIABILITY

Upon purchase of this product, purchaser and user agree to the following terms:

Warranty: Pace International, LLC (the Company) warrants that this product conforms to the chemical description on the label in all material respects. To the extent consistent with applicable law, except as expressly stated in the foregoing sentence, the Company makes no further warranties and expressly disclaims any implied warranties of merchantability or fitness for a particular purpose and any representation or warranty.

Terms of Sale: The Company's directions for use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, and the manner of use or application (including failure to adhere to label directions), all of which are beyond the Company's control. To the extent consistent with applicable law, all such risks are assumed by the user.

Limitations of Liability: To the extent consistent with applicable law, the exclusive remedy against the Company for any cause of action relating to the handling or use of this product is a claim for damages, and in no event shall damages or any other recovery of any kind exceed the price of the product which caused the alleged loss, damage, injury, or other claim. To the extent consistent with the applicable law, under no circumstances shall the company be liable for any special, indirect, incidental, or consequential damages of any kind, including loss of profits or income. To the extent consistent with applicable law, the Company and the seller offer this product, and the purchaser and user accept this product, subject to the foregoing warranty, terms of sale, and limitation of liability, which may be varied or modified only by an agreement in writing signed on behalf of the Company by an authorized representative.

MADE IN USA

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

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SKU # 10401

Lot #

Net Weight: 7.5 oz. (212 grams)



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