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**U S ENVIRONMENTAL PROTECTION AGENCY**

Office of Chemical Safety and Pollution Prevention  
Office of Pesticide Programs  
Registration Division (7504P)  
1200 Pennsylvania Ave NW  
Washington DC 20460

EPA Reg Number

**64864-68**

Date of Issuance

**FEB 16 2012**

Term of Issuance

Unconditional

Name of Pesticide Product

**Shield-Brite TBZ  
99WP**

**NOTICE OF PESTICIDE**

- Registration
  - Reregistration
- Under FIFRA as amended

Name and Address of Registrant (include ZIP Code)

**Pace International, LLC  
1201 3<sup>rd</sup> Avenue, Suite 5450  
Seattle, WA 98101**

Mailed to

**Karen Warkentien  
Lewis & Harrison, LLC  
Agent for Pace International  
122 C Street, N W Suite 740  
Washington DC 20001**

**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.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered 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.

This product is registered in accordance with FIFRA section 3(c)(5)(A) provided that you

1. Submit and/or cite all data required for registration of your product under FIFRA sec 3(c)(5) when the Agency requires all registrants of similar products to submit such data, and submit acceptable responses required for reregistration of your product under FIFRA section 4

Page 1 of 2

Signature of Approving Official

Date

**FEB 16 2012**

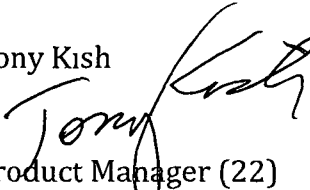
Tony Kish, Product Manager (22)  
Fungicide Branch/Registration Division/OPP/OCSP (7504P)

2 Make the following change to the label

- a Page 1- Change the product registration number to "EPA Reg No 64864-68"
- b Page 1- for clarity, change "(TBZ)" after the chemical name to (thiabendazole-TBZ)"
- c Under the product name change 'treatment of Pome Fruits ' to "treatment of listed Pome Fruits "
- d Page 1- Change the SIGNAL word from "CAUTION" to 'WARNING" to match the referenced 'Me-Too"
- e Page 1- Change the NPIC reduced operating days/hours to "Monday through Friday, 7 30 am to 3 30 pm Pacific Time"
- f Page 1- Change the entire "Precautionary Statements" section to state, 'WARNING May be fatal if inhaled Causes moderate eye irritation Do not breathe dust Avoid contact with skin, eyes, and clothing Wash thoroughly with soap and water after handling Remove contaminated clothing and wash before reuse '
- g Paginate the label

Your release for shipment of the product constitutes acceptance of these conditions

A copy of the label stamped "Accepted with Comments" is enclosed for your records

Tony Kish  
  
 Product Manager (22)  
 Fungicide Branch  
 Registration Division (7504P)

Enclosure

Label stamped "Accepted with Comments"

# Shield-Brite® TBZ 99WP

Wettable Powder Fungicide for Post Harvest treatment of Pome Fruits Citrus Potatoes and Cane

ACCEPTED  
with COMMENTS  
In EPA Letter Dated  
FEB 16 2012

<b>Active Ingredient</b>		
2 (4 thiazolyl) benzimidazole (TBZ)		98.75%
<b>Inert Ingredients</b>		1.25%
	<b>Total</b>	100.0%

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

EPA Reg No 64864 xx

EPA Est No 64864 WA 01

**Keep Out of Reach of Children**

**CAUTION** *WARNING*

*64864-68*

### FIRST AID

<b>If swallowed</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice</li> <li>• Do not give any liquid to the person</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor</li> <li>• Do not give anything by mouth to an unconscious person</li> </ul>
<b>If on skin or clothing</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing</li> <li>• Rinse skin immediately with plenty of water for 15 – 20 minutes</li> <li>• Call a poison control center or doctor for treatment advice</li> </ul>
<b>If in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15 – 20 minutes</li> <li>• Remove contact lenses if present after the first 5 minutes then continue rinsing eye</li> <li>• Call a poison control center or doctor for treatment advice</li> </ul>
<b>If inhaled</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air</li> <li>• If person is not breathing call 911 or an ambulance then give artificial respiration preferably mouth to mouth if possible</li> <li>• Call a poison control center or doctor for further treatment advice</li> </ul>
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment</p> <p>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

CAUTION Harmful if swallowed inhaled or absorbed through the skin Causes moderate eye irritation Avoid contact with skin eyes and clothing Avoid breathing dust Wear chemical resistant gloves and protective clothing when handling Wash thoroughly with soap and water after handling Remove contaminated clothing and was before reuse

#### 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 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

**Net Weight 212 / 318 / 575 / 742 grams**

**Distributed By**

Pace International LLC  
5661 Branch Road  
Wapato WA 98951  
800 936 6750  
[www.paceint.com](http://www.paceint.com)

(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 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 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** Post harvest control of *Botrytis* Gray Mold and *Sclerotinia* Rot Dilute 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** Post harvest control of *Penicillium* Molds and Stem End Rot  
In AZ and CA dilute up to 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 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 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** Post harvest control of *Fusarium* Tuber Rot Before storage mist unwashed tubers on a conveyor line with tumbling action using 5.75 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 5.75 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

**STORAGE & DISPOSAL**

**Pesticide Storage** Store in a cool dry place Do not contaminate water food or feed by storage or disposal  
**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 TBD  
100711

(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 99WP in 83 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 99WP in 41.5 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** Post harvest control of *Botrytis* Gray Mold and *Sclerotinia* Rot Dilute 318 g Shield Brite TBZ 99WP in 55 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** Post harvest control of *Penicillium* Molds and Stem End Rot  
In AZ and CA dilute up to 318 g Shield Brite TBZ 99WP in 16.5 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 318 g Shield Brite TBZ 99WP in 83 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 318 g Shield Brite TBZ 99WP in 23.75 to 83 gallons of citrus wax (1000 3500 ppm) and apply 1 gallon of wax suspension per 3500 lbs fruit

**POTATOES** Post harvest control of *Fusarium* Tuber Rot Before storage mist unwashed tubers on a conveyor line with tumbling action using 5.75 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 5.75 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

#### STORAGE & DISPOSAL

**Pesticide Storage** Store in a cool dry place Do not contaminate water food or feed by storage or disposal

**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

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SKU TBD  
100711

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(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 99WP in 150 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 99WP in 75 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** Post harvest control of *Botrytis* Gray Mold and *Sclerotinia* Rot Dilute 575 g Shield Brite TBZ 99WP in 100 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** Post harvest control of *Penicillium* Molds and Stem End Rot  
In AZ and CA dilute up to 575 g Shield Brite TBZ 99WP in 30 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 575 g Shield Brite TBZ 99WP in 150 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 575 g Shield Brite TBZ 99WP in 43 to 150 gallons of citrus wax (1000 3500 ppm) and apply 1 gallon of wax suspension per 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 75 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 5 75 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

**STORAGE & DISPOSAL**

**Pesticide Storage** Store in a cool dry place Do not contaminate water food or feed by storage or disposal  
**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

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(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 99WP in 194 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 99WP in 97 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** Post harvest control of *Botrytis* Gray Mold and *Sclerotinia* Rot Dilute 742 g Shield Brite TBZ 99WP in 130 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** Post harvest control of *Penicillium* Molds and Stem End Rot

In AZ and CA dilute up to 742 g Shield Brite TBZ 99WP in 38.75 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 742 g Shield Brite TBZ in 194 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 742 g Shield Brite TBZ 99WP in 55.5 to 194 gallons of citrus wax (1000 3500 ppm) and apply 1 gallon of wax suspension per 3500 lbs fruit

**POTATOES** Post harvest control of *Fusarium* Tuber Rot Before storage mist unwashed tubers on a conveyor line with tumbling action using 5.75 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 5.75 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

#### STORAGE & DISPOSAL

**Pesticide Storage** Store in a cool dry place Do not contaminate water food or feed by storage or disposal

**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

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