



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D C 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

Mr Andrew Kieniksman Pace International LLC 5661 Branch Road Wapato,WA 98951 NOTIFICATION
JUL 1 1 2012

Subject

Notification for Label Change per PRN 98-10 Add equivalent US measurement units to the metrics units currently listed in the Net Contents and Directions for Use

Submission date 5/11/2012

Product Name Shield-Brite TBZ 99WP

EPA Reg No 64864-68 Decision Number 465388

Dear Registrant

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 dated 5/11/2012 for the above product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action(s) requested fall within the scope of PRN 98-10. The label submitted with the application has been stamped "Notification" and will be placed in our records

If you have questions concerning this letter, please call Banza Djapao at 703-305-7269 or via e-email at djapao banza@epa gov or you may call me at 703-308-9443

Sincerely, Banta Mohar Pon

Tony Kısh

Product Manager 22

Fungicide Branch

Registration Division (7504P)

Please read instructions on reverse before completing form	Form Approved	I, OMB No 2070-0060	
United States Environmental Protecti Washington DC 20	460 ×		
Application for Pesticide - Section I			
1 Company/Product Number 64864 68	2 EPA Product Manager T Kish	3 Proposed Classification	
4 Company/Product (Name) Shield Brite TBZ 99WP	PM# 22	X None Restricted	
5 Name and Address of Applicant (Include ZIP Code) Pace International LLC 5661 Branch Road Wapato WA 98951 Check if this is a new address	(b)(i) my product is sii to	In accordance with FIFRA Section 3(c)(3) milar or identical in composition and labeling	
Section - II			
Amendment Explain below Final printed labels in response to Agency letter dated			
Explanation Use additional page(s) if necessary (For section 1 and Section 11) Notification of minor labeling change per PR Notice 98 10 to add equivalent US measurement units to the metric units currently listed in the Net Contents and Directions for Use statements			
Section - III			
1 Material This Product Will Be Packaged in			
Child Resistant Packaging Yes No * Cartification must be submitted Unit Packaging Yes X No If "Yes" Unit Packaging wgt No per container	Water Soluble Packaging Yes X No If "Yes" Package wgt No per Container	2 Type of Contener Metal Yelestic Glass Paper Other (Specify)	
	<u> </u>		
	I game	On Label On Label On Label On Label On Labeling accompanying product	
6 Manner in Which Label is Affixed to Product			
Section - IV			
1 Contact Point (Complete items directly below for identification	on of individual to be contacted if ne	ecassary to process this application)	
Name Andrew Kieniksman	Title Regulatory Supervisor	Telephone No (include Area Code) 206 331 4713	
Certification I certify that the statements I have made on this form and all attachments thereto are true accurate and complete I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law			
2 Signeture	3 Title Regulatory Supervisor	· · · · · · · · · · · · · · · · · · ·	
4 Typed Name Andrew Kieniksman	5 Date May 11 2012		

5/23

May 11 2012

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
1200 Pennsylvania Ave NW
Washington D.C. 20460

Subject Shield Brite TBZ 99WP EPA Reg No 64864 68 Notification of labeling change

Enclosed is a notification to make a minor change to the labeling of Shield Brite TBZ 99WP EPA Reg No 64864 68 This change adds equivalent US measurement units to measurements currently expressed only in metric units in the Net Contents and Directions for Use

This change was required by the New York Department of Environmental Conservation who would not register this pesticide in the state of New York without US measurement units on the product label

The following documents are provided in support of this notification

- EPA Form 8570 1
- One copy of the EPA Master Label with changes highlighted

This notification is consistent with the provisions of PR Notice 98 10 and EPA regulations at 40 CFR 152 46 and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98 10 and 40 CFR 152 46 this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

I may be reached at 206 331 4713 or via e-mail at andyk@paceint com if you have any questions

Sincerely

Andrew Kieniksman

Supervisor Regulatory Affairs

Pace International LLC

Pace International LLC tel 800 722 2476

fax 866 250 3561

5661 Branch Road Wapato WA 98951 www.paceint.com

Shield-Brite® TBZ 99WP

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

NOTIFICATION

Active Ingredient

2 (4 thiazolyl) benzimidazole (thiabendazole TBZ) Inert Ingredients

98 75% <u>1 25%</u>

JUL 1 1 2012

Total

100 0%

EPA Reg No 64864 68

EPA Est No 64864 WA 01

Keep Out of Reach of Children WARNING

FIRST AID

If	Call a poison control center or doctor immediately for treatment advice	
swallowed	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	Take off contaminated clothing	
or 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	Hold eye open and rinse slowly and gently with water for 15 – 20 minutes	
1	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	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	

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 Monday through Friday 7 30 am to 3 30 pm Pacific Time During other times call the poison control center at 1 800 222 1222

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 skin eyes and clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash 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 7 5 oz (212 grams) / 11 25 oz (318 grams) / 20 25 oz (575 grams) / 26 oz (742 grams)

Distributed By
Pace International LLC
5661 Branch Road
Wapato WA 98951
800 936 6750
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 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 Post harvest 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 Post harvest 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 Post harvest control of *Fusanum* 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 99VVP 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 *Fusanum* 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

(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 11 25 oz (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 11 25 oz (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 11 25 oz (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 11 25 oz (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 11 25 oz (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 11 25 oz (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 *Fusanum* 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 *Fusanum* 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

(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 20 25 oz (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 20 25 oz (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 20 25 oz (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 20 25 oz (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 20 25 oz (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 20 25 oz (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 *Fusanum* 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 *Fusanum* 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

(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 26 oz (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 26 oz (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 26 oz (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 26 oz (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 26 oz (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 26 oz (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 *Fusanum* 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 99VVP 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 *Fusanum* 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