

United States Environmental Protection Agency WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

Andrew Klieniksman Pace International 5661 Branch Rd Wapato, WA 98951

APR 1 8 2014

Subject: Label notification for addition of alternate brand name "PacRite TBZ 4.0 SC"

Submission date: 3/14/2014

Product Name: Shield-Brite TBZ 500D

EPA Reg. No.: 64864-66

EPA Decision Number: 489533

Dear Mr. Kieniksman,

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10. The Registration Division has conducted a review of this request for its applicability under PRN 98-10 and finds that the actions requested fall within the scope of PRN 98-10.

The Agency acknowledges the addition of the alternate brand name "PacRite TBZ 4.0 SC" to EPA Reg. number 64864-66. This alternate brand name (ABN) has been added to the profile for this product, and the submitted label bearing this ABN has been stamped "Notification" and will be placed in our records.

If you have questions concerning this letter, please contact Lindsay Roe at roe.lindsay@epa.gov or 703-347-0506, or me at 703-308-9443.

Tony Kish

Sincerely.

Product Manager 22

Fungicide Branch

Registration Division (7505P)

Please read instructions on reverse before completing form.			Form Approved. OMB No. 2070-006					-0060	Print Form
\$EPA	United States Environmental Protection Age Washington, DC 20460			ncy		×	Registration Amendme Other		OPP Identifier Number
		Application	on for P	esticid	e - Sec	tion	I		N.
1. Company/Product Number 64864-66				2. EPA Product Manager 3. Proposed Classification T. Kish					
4. Company/Product (Name) Shield-Brite TBZ 500D				PM# X None Restricted 22					
5. Name and Address of Applicant (Include ZIP Code) Pace International, LLC 5661 Branch Road, Wapato, WA 98951				6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No.					
Check if this is a new eddress				Product Name					
			Sect	ion - II					
Amendment - Explain below. Resubmission in response to Agency letter dated The Too" Application. Notification - Explain below. The Too" Application - MOTIFICATION Other - Explain below.							TION		
Explanation: Use additional page(s) if necessary. (For section I and Section II.) NOTIFICATION: To add "PacRite TBZ 4.0 SC" as an alternate brand name per PR Notice 98-10. 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.									
			Sect	ion - III	· · · · · · · · · · · · · · · · · · ·				
1. Material This Product Wil	Be Packaged In:								
Child-Resistant Packaging Yes* No	Yes* Yes		Water Soluble Packaging Yes X No 2. Type of Container Metal Plastic Glass			·			
* Certification must be submitted	If "Yes" Unit Packaging wgt.	No. per container	If "Yes Packag		No. per containe	ır		iper ther (Sp	pecify)
3. Location of Net Contents X Label C	Information ontainer	4. Size(s) Re 4.75 it, 5 it,		ner		5. Lo	Cation of Label D On Label On Labeling		ns panying product
6. Manner in Which Label is Affixed to Product Lithog Paper Stenci			alued	None against a second second second	Othe	ır			
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1. Contact Point Complete	items directly below f	or identification	on of indivi	dual to be	contacted,	if nec	essary, to proces	s this t	application.)
Name Title Regulatory Affairs Mgr ຂຶ້ນ25-357-6713 ູ					No. ([เกษีเบย็อ Area Code) 6713 c				
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 complete both under applicable law.									
2. Signeture			3. Title Regulate	Title egulatory Affairs Manager				ι	
4. Typed Name Andrew Kieniksman			5. Date Mar 14,	2014					

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March 14, 2014

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 500D, EPA Reg. No. 64864-66

Notification of Alternate Brand Name change per PR Notice 98-10

Enclosed is a notification to add PacRite*TBZ*4:0*SC as an alternate brand name to the registered pesticide identified above.

The following documents are provided in support of this notification:

- EPA Form 8570-1
- One copy of the EPA Master Label using the new alternate brand name PacRite TBZ 4.0 SC.

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.

Please contact me at 925-357-6713 or via email at andyk@paceint.com if you have any questions regarding this notification.

Sincerely,

Andrew Kieniksman

Regulatory Affairs Manager

Pace International, LLC

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Pace International, LLC

800.722.2476

± 866.250.3561

5661 Branch Road Wapato, WA 98951

www.paceint.com

PacRite TBZ 4.0 SC

Thiabendazole Fungicide for Post-harvest Drench and Dip Treatments F

ACTIVE INGREDIENT: Thiabendazole: 2-(4-thiazolyl)benzimidazole*.		42.3%
OTHER INGREDIENTS:		
Total		
*4.0 lbs. active ingredient per gallon.	ı	
FPA Reg. No. 64864-66	•	FPA Fst 64864-WA-1

KEEP OUT OF REACH OF CHILDREN CAUTION

	FIRST AID
If swallowed	Call a poison control center 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 the poison control center or doctor.
	 Do not give anything by mouth to an unconscious person.
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 center or doctor for treatment advice.
If on skin or	Take off contaminated clothing.
clothing	Rinse skin immediately with plenty of water for 15-20 minutes.
	Call a poison control center or doctor for 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 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 1-800-222-1222.

PRECAUTIONARY STATEMENTS Hazards to Humans and Domestic Animals

CAUTION. Harmful if swallowed. Causes eye and skin irritation. Avoid contact with eyes, skin, and clothing. Wash thoroughly with soap and water after handling.

Personal Protective Equipment (PPE)

Mixers, loaders, applicators and other handlers must wear:

- · Long-sleeved shirt
- Long pants
- · Shoes plus socks

In addition to the above, handlers making application to mushroom houses using hand held sprayers must wear chemical resistant gloves.

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.

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NOTIFICATION

APR 1 8 2014

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticides get inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply when weather conditions favor runoff or drift from the target area. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of waste.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during clean-up procedures and disposal of wastes.

NOT FOR USE IN FORMULATING AGRICULTURAL PESTICIDES.

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. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Manual seed treatments are prohibited.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restrictedentry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- · Chemical-resistant gloves made of any waterproof material
- · Shoes plus socks

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FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR DISEASE CONTROL, AND/OR ILLEGAL RESIDUES.

General Information

PacRite TBZ 4.0 SC is a systemic fungicide which aids in the control of many important plant diseases. If treatment is not effective following use of PacRite TBZ 4.0 SC as recommended, a tolerant strain of fungus may be present. Consideration should be given to prompt use of other suitable non-benzimidazole fungicides. PacRite TBZ 4.0 SC is not for use in formulating agricultural products.

Crop Use Directions

GENERAL - SHAKE OR STIR WELL BEFORE USE.

Clean equipment before using PacRite TBZ 4.0 SC. When PacRite TBZ 4.0 SC is dispersed in water, the resulting suspension must be constantly agitated. Avoid foaming.

Use the higher recommended rates under conditions of heavier disease pressure for citrus sprays.

Compatibility information for PacRite TBZ 4.0 SC with other chemicals is limited. Consult your supplier or agricultural experiment station for specific recommendations.

Do not apply this product through any type of irrigation system.

CARROTS -

Gray Mold (*Botrytis cinerea*) and Sclerotinia Rot (*Sderotinia sclerotiorum*): Dip carrots, before storage, for 5-10 seconds in a suspension containing 41 fl. oz. of PacRite TBZ 4.0 SC per 100 gals, of water. Replenish the suspension when the volume is too low or when it becomes dirty.

The runoff and wastes from the dipping operation should not be discarded in a drainage which could contaminate public water systems.

CITRUS (One Application Only) -

Blue mold (*Penicillium digitatum*), Green mold (*Penicillium italicum*), and stem end rot (*Diplodia natalensis*): Dip, flood, or spray harvested fruit with a suspension of product in water, wax/oil emulsion, or aqueous dilution of a wax/oil emulsion. Rate will vary according to application method; please refer to the following for specific rates for citrus blue mold control.

Citrus Bin Dips, Floods and Drenches

Use 26 fl. oz. of product in 100 gallons of water to provide 1,000 ppm TBZ. Citrus must be drenched for three (3) minutes. Use one (1) gallon of diluted mixture per 1,500 - 2,000 lbs. citrus or 100 gallons of diluted mixture for about 30 bins. Avoid excessive foaming, use antifoam if needed.

Citrus Sprays

Use 52 - 91 fl. oz. product in 100 gallons of water, wax/oil emulsions, or an aqueous dilution of wax/oil emulsion to provide 2,000 - 3,500 ppm of TBZ. Keep the mixture under constant agitation. Apply at a rate of one gallon per 8,000-10,000 lbs. citrus fruit.

For sporulation control, apply 130 fl. oz. of product in 100 gal of water, wax/oil emulsion, or aqueous dilution of a wax/oil emulsion to provide 5000 ppm of thiabendazole. Apply at a rate of one gallon of diluted mixture per 8,000 - 10,000 lbs citrus fruit.

MUSHROOMS (Agaricus spp.) -

Dry Bubble (Verticillium fungicola), Wet Bubble (Mycogone pernkiosa), Cobweb (Dactyliusn dendroides) and Green Mold (Trichoderma spp):

Addition to mushroom supplements -

To a finished batch of mushroom supplement, add up to 0.1 % active ingredient (by veight) of PacRite TBZ 4.0 SC.

Applying to mushrooms -

Apply PacRite TBZ 4.0 SC as a drench during normal watering operations. Apply at spawning, casting, and between breaks. Up to 8 fl. oz./1,000 sq, ft can be applied at casting while a maximum of 4 fl. oz./1,000 sq. ft. can be applied at the other timings. Do not apply more than 20 fl. oz./1,000 sq. ft. of PacRite TBZ 4.0 SC per crop unless a supplement containing PacRite TBZ 4.0 SC has been used. If the supplement contains thiabendazole, refer to table below for maximum amount that can be applied to a crop. Do not apply within 12 hours prior to harvest.

PacRite TBZ 4.0 SC Label

Page 4 of 7

Lbs supplement* Per 8,000 sq. ft.	Maximum amount of PacRite TBZ 4.0 SC per 1,000 sq. ft. per crop (fl. oz.)
800	. 17 .
1200	15
1400	14.5
1800	13 •
2200	11 .
2400	9 ,

^{*}Assumes at maximum rate of 0.1 % thiabendazole

NOTE: if you are unsure if the mushroom supplement that you are using contains thiabendazole, contact the manufacturer of the mushroom supplement.

ORNAMENTAL BULBS AND CORMS -

Fusarium Basal Rot and Penicillium Blue Mold: Clean and treat bulbs or corm within 24-48 hours of digging. Prepare suspension of 30 fl. oz. of PacRite TBZ 4.0 SC per 100 gals, of water. Submerge stock completely in dipping suspension. Suspension temperature should be 55-75°F (13-24°C). Discard suspension (1) when it becomes dirty, (2) after using five times, or (3) after 24 hours, whichever occurs first.

Fusarium (Bulbs and Corms): Dip bulbs 15-30 minutes, corms 15 minutes.

Blue Mold (Bulbs): Dip 10-15 minutes.

After treatment, dry bulbs or corms in a shaded, well-ventilated area. Curing or retarding may precede or follow treatment.

POTATO -

Fusarium Tuber Rot: Mist unwashed tubers on a conveyor line, with tumbling action, entering storage with 0.42 fl. oz. of PacRite TBZ 4.0 SC to each 2,000 Lbs. of tubers in sufficient water for complete coverage. If an additional treatment is necessary before shipping, mist the tubers at the same rate or dip the tubers for 20 seconds in a solution containing 0.42 fl. oz. of PacRite TBZ 4.0 SC per gallon of water. Do not treat seed potatoes after cutting.

PacRite TBZ 4.0 SC for potatoes should be used as part of an Integrated Management Program, which includes prevention of bruising during harvest and maintaining proper storage temperature and relative humidity. Neither cultural practices nor chemical measures will prevent Fusarium infection if potatoes are damaged or improperly stored.

POME FRUIT (Apples and Pears) -

Blue Mold Rot, Bull's Eye Rot, and Gray Mold (Nest Rot, Cluster Rot), Stem End and Neck Rot: Dip, flood, or spray harvested fruit with a suspension of 16 fl. oz. of PacRite TBZ 4.0 SC in 100 gals, of water. Do not treat for over 3 minutes. Treat apples only before and after storage for maximum decay control. Treat pears once.

SWEET POTATO "Seed Roots" -

Black Rot, Scurf, and Foot Rot: Dip the seed roots in a suspension containing 8 fl. oz. of PacRite TBZ 4.0 SC per 7.5 gals, of water (107 fl. oz. per 100 gals.). Treat the seed roots for 1-2 minutes and plant immediately. Discard the suspension when the volume is too low or when it becomes dirty. Do not use the treated roots for food or feed.

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SEED TREATMENT

Treatment of highly mechanically scarred or damaged seed, or seed known to be of low vigor and poor quality, except for the purpose of curative control of existing disease pests, may result in reduced germination and/or reduction of seed and seedling vigor. Treat using equipment similar to that planned for treating the total seed lot. Conduct germination tests on a small portion of seed before committing the total seed lot to a selected seed treatment. Due to seed quality and seed storage conditions beyond the control of Albaugh, no claims are made to guarantee the germination of carry-over seed or propagating material for all crop seed.

Seed treatment with PacRite TBZ 4.0 SC fungicide will not provide postemergence protection of plants grown in or near infected fields.

Mixing Procedures

Apply PacRite TBZ 4.0 SC as a water-based slurry utilizing standard slurry seed treatment equipment which provides uniform seed coverage. Uneven or incomplete seed coverage may not give the desired level of disease control. Thoroughly mix the recommended amount of PacRite TBZ 4.0 SC into the required amount of water for the slurry treater and dilution rate to be used. Follow the manufacturer application instructions for the seed treatment equipment being used. Maintain constant agitation of the slurry during the treatment. Allow seed to dry before bagging.

Federal law requires that bags containing treated seed shall be labeled with the following information:

"This seed has been treated with thiabendazole fungicide. Do not use for feed, food, or oil purposes. Store away from feed and foodstuffs. Use an EPA-approved dye or colorant that imparts an unnatural color to the seed."

Mixing with other pesticides is limited to adequate physical compatibility and satisfactory phytotox test results.

SOYBEAN SEED TREATMENT

PacRite TBZ 4.0 SC is recommended for protection against pod and stem blight (*Phomopsis spp.*) on soybean seed to improve germination and early season seedling health. For protection against other seed and soil-borne diseases, it is recommended that a co-fungicide such as Apron® XL LS + Maxim® 4FS, or an Apron MAXX® brand fungicide, be used at EPA registered labeled rates and tank mixed in combination with PacRite TBZ 4.0 SC. Consult the label for appropriate use rates and follow all use instructions for the products. Utilized as a seed treatment for protection against seed borne and early season seedling pod and stem blight on soybean: Apply PacRite TBZ 4.0 SC at the rate of 0.08 to 0.16 fl. oz. per 100 lbs. of seed.

SEED TREATMENT FOR:

PEAS (Dry), CHICKPEA (garbanzo beans) (Cicer arietinum), LENTIL (Lens escuenta), PEAS (Fisum spp.), PIGEON PEAS (Cajanus cajan)

PacRite TBZ 4.0 SC fungicide is used to effectively suppress seed borne Ascochyta blight cause by the pathogen Ascochyta rabiei. PacRite TBZ 4.0 SC seed treatment must also be used to minimize the threat of highly infectious and limit spread of residue-borne and wind-borne infection of chickpeas and lentil crops by Ascochyta blight.

Chickpea Seed Treatment:

For slurry solutions in water mix 2:04 fl. oz. of PacRite TBZ 4.0 SC fungicide in an equal amount of water (1:1) to provide adequate coverage and apply to 100 lbs. of seed. Keep dispersion under constant agitation. It is essential that thorough coverage of seed be obtained.

Lentil Seed Treatment:

For slurry solutions in water, mix 1.05 fl. oz. of PacRite TBZ 4.0 SC fungicide in an equal amount of water (1:1) to provide adequate coverage and apply to 100 lbs. of seed, Keep dispersion under constant agitation, it is essential that thorough coverage of seed be obtained.

Peas Seed Treatment:

For a ready mix or slurry treaters, mix 1.02 fl. oz. of PacRite TBZ 4.0 SC fungicide in adequate water to provide complete coverage and apply to 100 lbs. of seed. Keep dispersion under constant agitation. It is essential that thorough coverage of seed be obtained.

For Export Use on Peas Seed:

PacRite TBZ 4.0 SC may be mixed with other registered seed treatment products in accordance with the importing Nation's Phytosanitary requirements.

Treated seed must be labeled "for Export Only"- Not to be Sold or Offered for Sale in the United States.

For best results against Ascochyta blight, plant chickpeas, peas or lentil seed treated with PacRite TBZ 4.0 SC fungicide as late in the spring as possible.

RESTRICTIONS AND LIMITATIONS FOR SEED TREATMENTS

- Maximum one application per season.
- The product is not to be tank mixed with any pesticide unless physical compatibility and phytotoxicity tests have been completed and proved to be satisfactory.
- Do not feed vines or hay grown from treated seed to livestock.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

<u>PESTICIDE STORAGE</u>: Store in a cool, dry place away from food, drink, and animal feeding stuffs. Do not store below 32°F (0°C). Repeated product freezing and thawing should be avoided. Shake or stir product before use,

<u>PESTICIDE DISPOSAL</u>: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility in accordance with Federal, State or local procedures under the Resource Conservation and Recovery Act.

<u>CONTAINER DISPOSAL</u>: Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows:

(for 5-gallon containers or smaller) Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. (for containers larger than 5 gallons) Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on the container of th

(Continued for all containers) Then offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or by incineration.

CONTAINER IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER.

NOTICE TO BUYER

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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:

<u>Warranty:</u> To the extent consistent with applicable law, Pace International, LLC (the Company) warrants that this product conforms to the chemical description on the label in all material respects and is remarkably fit for the purpose referred to in the directions for use, subject to the exceptions noted below, which are beyond the Company's control. The Company makes no other representation or warranty, express or implied, concerning the product, including no implied warranty of merchantability or fitness for a particular purpose; no such warranty shall be implied by law, and no agent or representative is

authorized to make any such warranty on the Company's behalf.

Terms of Sale: The Company's directions for use of this product should 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. All such risks are assumed by the user.

<u>Limitations of Liability:</u> 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. 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, and any such claims are hereby waived.

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.

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