



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

January 22, 2026

Joanna Shute
Global Regulatory Manager
JBT Marel Corporation
1660 Iowa Avenue, Suite 100
Riverside, CA 92507

Subject: Label Amendment - Registration Review Mitigation for Thiabendazole
Product Name: Freshgard 598
EPA Registration Number: 8764-50
Case Number: 477466
Application Dates: February 24, 2021

Dear Joanna Shute:

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Thiabendazole Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. You must submit one copy of the final printed labeling before you release the product for

shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact Nick Barnett by phone at 513-569-7643 or via email at Barnett.nicholas@epa.gov.

Sincerely,



Maryam K. Muhammad-Perch, Team Lead
Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division
Office of Pesticide Programs

ENCLOSURE: Stamped label

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.

User Safety Requirements

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

Personal Protective Equipment (PPE)

Mixers, loaders, applicators, and other handlers must wear: long sleeve shirts and pants, shoes plus socks, a minimum of a NIOSH-approved particulate filtering face piece respirator with any N, R or P filter; OR a NIOSH-approved elastomeric particulate respirator with any N, R or P filter; OR a NIOSH-approved powered air purifying respirator with HE filters.

Respirator Fit Testing, Medical Qualification, and Training: Using a program that conforms to OSHA's requirements (see 29 CFR Part 1910.134), employers must verify that any handler who uses a respirator is: fit-tested and fit-checked, trained, and examined by a qualified medical practitioner to ensure physical ability to safely wear the style of respirator to be worn. A qualified medical practitioner is a physician or other licensed health care professional who will evaluate the ability of a worker to wear a respirator. The initial evaluation consists of a questionnaire that asks about medical conditions (such as a heart condition) that would be problematic for respirator use. If concerns are identified, then additional evaluations, such as a physical exam, might be necessary. The initial evaluation must be done before respirator use begins. Handlers must be reexamined by a qualified medical practitioner if their health status of respirator style or use-conditions change. Upon request by local/state/federal/tribal enforcement personnel, employers must provide documentation demonstrating how they have complied with these requirements.

ENVIRONMENTAL HAZARDS

Do not apply directly to water or wetlands. Do not contaminate water by cleaning of equipment or disposal of waste. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (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.

STORAGE AND DISPOSAL

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

Pesticide Storage: Store indoors in a 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: Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Completely empty bag/liner by shaking and tapping sides and bottom to loosen clinging particles.

Empty residue into application equipment. Then dispose of empty bag/liner in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

THIABENDAZOLE GROUP 1 FUNGICIDE

Freshgard® 598

A Postharvest Fungicide for Control of Penicillium Mold and Stem-end Rot

Active Ingredient: Thiabendazole 99.5%

Other Ingredients: 0.5%

100.0%

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 by 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 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 the 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.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

EMERGENCY TELEPHONE NUMBERS (24 HOURS)

MEDICAL: COLLECT (303) 595-9048

CHEMREC: (800) 424-9300

CHEMREC INTERNATIONAL: (703) 527-3887

For more information see Material Safety Data Sheet

EPA Est. No. **8764-CA-1**

EPA Reg. No. **8764-50**

Net Contents: **50 lbs.**

Lot Number:

ACCEPTED

01/22/2026

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under
EPA Reg. No. 8764-50

GENERAL PRECAUTIONS AND RESTRICTIONS

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.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

RESISTANCE MANAGEMENT

For resistance management, Freshgard® 598 contains a Group 1 fungicide/bactericide. Any fungal/bacterial population may contain individuals naturally resistant to Freshgard® 598 and other Group 1 fungicides/bactericides. A gradual or total loss of pest control may occur over time if these fungicides/bactericides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed. To delay fungicide/bactericide resistance, take the following step(s):

- Use tank mixtures with fungicides/bactericides from a different group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Monitor treated fungal/bacterial populations for resistance development.

Rotate the use of Freshgard® 598 or other Group 1 fungicides/bactericides within a growing season sequence with different groups that control the same pathogens. Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens. For further information or to report suspected resistance contact JBT Marel Corporation toll free at (800) 835-3230 or email at hello@jbtco.com. You can also contact your pesticide distributor or university extension specialist to report resistance.

CITRUS FRUITS (Postharvest): Blue mold, green mold, and stem-end rots. Mix 15.0 oz. of Freshgard® 598 with 110 gallons of water or water wax for a treatment level of 1,000 ppm thiabendazole. Where decay potential is high, additional Freshgard® 598 may be added. Do not exceed 5,000 ppm thiabendazole. Apply water/fungicide or water wax/fungicide mixture to citrus fruits using spray or drip nozzle application, drenching, dipping, or flooding. Keep mixture stirred.

BANANAS (Postharvest): Crown rot. Mix 15.0 oz. of Freshgard 598 with 550 gallons of water for a treatment level of 200 ppm thiabendazole. Dip fruit after it has been dehanded from the stem and passed through the delatexing operation. Keep suspension stirred.

Notice:

Terms of sale or use: On purchase or use of this product buyer and user agree to the following conditions:

Warranty: JBT Marel Corporation warrants that this product, as of the time of sale by JBT Marel Corporation, (1) conforms to the ingredient statement on the label, and (2) is reasonably fit for the purposes set forth in the directions for use. **EXCEPT AS SO** **WARRANTED, THE PRODUCT OR IMPLIED, AND TO THE EXTENT PERMITTED BY LAW, JBT CORPORATION SPECIFICALLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF**

MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

Directions and Recommendations: Follow directions carefully. Timing and method of application, whether and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller and are assumed by buyer at his/her own risk.

Use of Product: JBT Marel Corporation recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice.

DAMAGES: **BUYER'S OR USER'S EXCLUSIVE REMEDY FOR DAMAGES FOR BREACH OF WARRANTY OR NEGLIGENCE SHALL BE LIMITED TO DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE PAID AND SHALL NOT INCLUDE INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

Label Effective Date: January 2026

JBT Marel

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