



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

**OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION**

January 10, 2023

Anna Armstrong
Senior Regulatory Specialist, Authorized Agent
Decco US Post-Harvest, Inc.
1713 South California Avenue
Monrovia, CA 91016

Subject: PRIA Label and CSF Amendment – Revision to Basic CSF, updates to the mitigation language based on the Thiabendazole Interim Decision, and other minor label changes
Product Name: Decco Salt No. 19
EPA Registration Number: 2792-50
Application Date: 05/21/2021 & 03/01/2021
Decision Number: 576103, 571758

Dear Anna Armstrong:

The amended label and Confidential Statement of Formula (CSF) referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, are acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of 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.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent changes have been approved. 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.

Please note that the record for this product currently contains the following CSF:

- Basic CSF dated 01/11/2022

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 FIFRA 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) lists 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.

The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of this letter to provide these data.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Elisha Graham at graham.elisha@epa.gov.

Sincerely,

Handwritten signature of Kristy Crews in black ink.

Kristy Crews, Product Manager 22
Fungicide Branch
Registration Division (7505P)
Office of Pesticide Programs

Enclosure: Stamped Label

THIABENDAZOLE	GROUP	1	FUNGICIDE
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DECCO SALT No. 19

For control of green mold, blue mold, and stem-end rot of citrus; blue mold, bull's eye rot and gray mold (cluster rot, nest rot) of apples and pears; fusarium tuber rot of potatoes.

Active Ingredient:

2-(4-thiazolyl)-benzimidazole

(thiabendazole/TBZ)..... 99.4%

Other Ingredients:..... 0.6%

TOTAL: 100.0%

Net Contents: _____

[Note to Reviewer: If multiple sizes are listed, the box will be checked to indicate specified contents.]

44.368 lbs. - This container is packed with 35 bags, 575 grams each (1.26 lbs. thiabendazole active ingredient per bag) ☐

2.804 lbs. - This container is packed with 6 bags, 212 grams each (0.47 lb. thiabendazole ingredient per bag) ☐

4.127 lbs. - This container is packed with 6 bags, 312 grams each (0.68 lb. thiabendazole active ingredient per bag) ☐

35.00 lbs. - This container is packed with 35 bags, 454 grams (1 lb) each (0.994 lb. thiabendazole active ingredient per bag) ☐

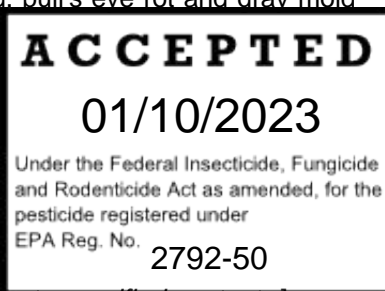
50.00 lbs. - This container is packed with 1 bag (49.7 lbs. thiabendazole active ingredient per bag) ☐

[Batch][Lot] Number: _____ [Note to Reviewer: Batch or lot number to be included on container.]

EPA Reg. No. 2792-50

EPA Est. No. 2792-CA-001

EPA Est. No. 33967-NJ-001



KEEP OUT OF THE REACH OF CHILDREN
CAUTION
SEE SIDE PANEL FOR PRECAUTIONARY STATEMENTS

FIRST AID	
If swallowed	<ul style="list-style-type: none">• 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 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 treatment advice.

Have the product container or label with you when calling a poison control center or doctor for treatment. You may also contact 1-800-424-3900 for emergency medical treatment information.

HOTLINE NUMBER

For chemical emergency assistance (spill, leak, fire, or accident), call CHEMTREC: (800) 424-9300. Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the National Poison Control Hotline at 1-800-222-1222 for emergency medical treatment information 24 hours per day, 7 days per week.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed or inhaled. Avoid breathing dust. Harmful if absorbed through skin. Avoid contact with skin, eyes, and/or clothing. Causes moderate eye irritation. Wear long-sleeved shirt, long pants, shoes and socks. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using toilet. Remove contaminated clothing and wash before reuse.

PERSONAL PROTECTIVE EQUIPMENTS (PPE):

Mixers, loaders, applicators, and other handler must wear:

- Long-sleeved shirt and long pants,
- Shoes, plus socks,
- Waterproof gloves, and
- A dust mist filtering respirator (MSH / NIOSH approval number prefix TC-21 C), or a NIOSH approved respirator with any N, R, P or HE filter.

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 RECOMMENDATION:

- Users should wash hands before eating, drinking, chewing gum, tobacco, or using the toilet.
- User 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. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENGINEERING CONTROL STATEMENT

Water soluble packets, when used correctly, qualify as a closed mixing/loading system under the Worker Protection Standard [40 CFR 170.607(d)]. Mixers and loaders handling this product while it is enclosed in intact water-soluble packets may elect to wear reduced PPE of long-sleeved shirt, long pants, shoes, socks, a chemical-resistant apron, and chemical-resistant gloves. When reduced PPE is worn because of closed system is being used, handlers must provide all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in emergency, such as in case of a spill or equipment break-down.

ENVIRONMENTAL HAZARD

Do not apply directly to water. **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.

PHYSICAL OR CHEMICAL HAZARDS

Hazardous chemical. **Do not** mix or allow coming in contact with oxidizing agents. Hazardous Chemical reaction may occur.

DIRECTIONS FOR USE

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

APPLICATION RESTRICTION:

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.

Resistance Management Recommendations

For resistance management, Decco Salt No. 19 contains a Group 1 fungicide, a methyl-benzimidazole carbamate class of chemistry, which disrupts *B*-tubuline assembly mitosis. Any fungal population may contain individuals naturally resistant to Decco Salt No. 19 and other Group 1 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Follow appropriate resistance-management strategies.

To delay fungicide resistance, take one or more of the following steps:

- Rotate the use of Decco Salt No. 19 or other Group 1 fungicides with different groups that control the same pathogens.
- Use tank mixtures with fungicide 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 populations for resistance development.
- For further information or to report suspected resistance, contact your local Decco representative, your local university extension specialist or certified crop advisor. Additional information is also available at Fungicide Resistance Action Committee (FRAC) website: <http://www.frac.info>.

Direction for Mixing / Loading Products

Instruction for Introducing Water Soluble Packages Directly into Spray Tank:

Soluble Packages (WSPs) are designed to dissolve in water. Agitation may be used, if necessary, to help dissolve the WSP. Failure to follow handling and mixing instruction can increase your exposure to pesticide products in WSPs. WSPs, when used properly, qualify as a closed mixing/loading system under Agricultural Worker Protection Standard [40 CFR 170.607(d)].

Handling Instruction

Follow these steps when handling pesticide products in WSPs.

1. Mix in spray tank
2. Handle the WSP in a manner that protects package from breakage and/or unintended release of contents. If package is broken, put on PPE required for clean-up and then continue with mixing instruction.
3. Keep the WSP in other packaging until just before use.
4. Keep the WSP dry prior to adding to the spray tank.
5. Handle with dry gloves and according to the label instructions for PPE.
6. Keep the WSP intact. **Do not** cut or puncture the WSP.
7. Reseal the WSP outer packaging to protect any unused WSP(s).

Mixing Instructions

Follow the steps below when mixing this product, including if it is tank-mixed with other pesticide products. If being tank-mixed, the mixing direction 1 through 9 below take precedence over the mixing directions of the other tank mix products. WSPs may, in some cases, be mixed with other pesticide products so long as the directions for use of all the pesticide product components **do not** conflict. **Do not** tank-mix this product with products that prohibit tank mixing or have conflicting mixing directions.

1. If a basket or strainer is present in the tank hatch, remove prior to adding the WSP to the tank.
2. Fill tank with water to approximately one-third to one-half of the desired final volume of spray.
3. Stop adding water and stop any agitation.
4. Place intact/unopen WSP into the tank.
5. **Do not** spray water from a hose of fill pipe to break or dissolve the WSP.
6. Start mechanical and recirculation agitation from the bottom of tank without using any overhead recirculation, if possible. If overhead recirculation agitation cannot be turned off, close the hatch before starting agitation.
7. Dissolving the WSP may take up to 5 minutes or longer, depending on water temperature, water hardness and intensity of agitation.
8. Stop agitation before tank lid is open.

[Note to Reviewer: Text in brackets [] indicates optional text.]

9. Open the lid to the tank, exercising caution to avoid contact with dust or spray mix, to verify that WSP has fully dissolved and the contents have been thoroughly mixed into the solution.
10. **Do not** add other allowed products or complete filling the tank until the bags have fully dissolved and pesticide is thoroughly mixed.
11. Once the WSP has fully dissolved and any other products have been added to the tank, resume filling the tank with water to desire level, close the tank lid, and resume agitation.
12. Use the spray solution when mixing is complete.
13. Maintain agitation of the diluted pesticide mix during transportation.
14. It is unlawful to use any registered pesticide, including WSPs, in a manner inconsistent with its labeling.

APPLICATION INSTRUCTIONS FOR CITRUS:

For aqueous application:

Make a slurry solution by mixing of one 50 lb bag (49.7 lbs. thiabendazole active ingredient) of Decco Salt No. 19 with 200 gallons of water. Mix one gallon of the slurry with 29.5 gallons of water. This will give a 1000 PPM TBZ suspension. Apply this suspension by dip or drench to the fruit for up to 3 minutes. The slurry and the mixture must be kept under constant agitation to prevent TBZ precipitation.

Use Restrictions:

- **Do not** apply more than 49.7 lbs. thiabendazole per aqueous application.
- **Do not** apply more than one application to each batch of harvested citrus fruit.

For pack-out wax:

Use three bags of 575 grams each (1.26 lbs. thiabendazole active ingredient per 575 g bag) or equivalent of Decco Salt No. 19 in 130 gallons of wax to give a concentration of about 3500 PPM TBZ. Apply this mixture by spray at a rate of 1 gallon to 8,000-10,000 lbs. of cleaned citrus fruit.

Use Restrictions:

- **Do not** apply more than 3.78 lbs. thiabendazole per pack-out wax application on 8,000 – 10,000 lbs. of cleaned citrus fruit.
- **Do not** apply more than one application to each batch of harvested citrus fruit.

Single application:

For an adequate sporulation control, use two bags of 575 grams each (1.26 lbs. thiabendazole active ingredient per 575 g bag) or equivalent of Decco Salt No. 19 in 60 gallons of wax to give about 5000 PPM TBZ. Apply one gallon of this mixture by spray to 8,000- 10,000 lbs. of citrus fruit.

Use Restrictions:

- **Do not** apply more than 2.52 lbs. thiabendazole per application on 8,000 – 10,000 lbs. of citrus fruit.
- **Do not** apply more than one application to each batch of harvested citrus fruit.
- **Do not** use this rate if the fruit had been treated with TBZ previously.

APPLICATION INSTRUCTIONS FOR APPLES AND PEARS:

For aqueous application:

Decco Salt No. 19 can be used as an aqueous spray, dip or drench on apples and pears. Use one bag of 575 grams each (1.26 lbs. thiabendazole active ingredient per 575 g bag) or equivalent of Decco Salt No. 19 in 250 gallons of water to give a final concentration of about 600 PPM. Treat fruit with this concentration for up to 3 minutes.

Use Restrictions:

- **Do not** apply more than 1.26 lbs. thiabendazole per aqueous application.
- **Do not** apply more than one application to each batch of harvested fruit.

[Note to Reviewer: Text in brackets [] indicates optional text.]

For pack-out wax:

Use at concentration of up to 2000 PPM TBZ in pack-out wax. Apply at a rate of one gallon of TBZ / wax suspension to 10,000 lbs. of clean apples or pears.

Use the following guide when mixing.

- I) Suspend one bag of 312 grams (0.68 lb. thiabendazole active ingredient) or equivalent of Decco Salt No. 19 in 55 gallons of wax to give a final concentration of 1500 PPM TBZ. Apply one gallon of this mixture to 10,000 lbs. of clean apples or pears.
- II) Suspend one bag of 212 grams (0.47 lb. thiabendazole active ingredient) or equivalent of Decco Salt No. 19 in 55 gallons of wax to give a final concentration of 1000 PPM TBZ. Apply one gallon of this mixture to 10,000 lbs. of clean apples or pears.
- III) Suspend two bags of 212 grams (0.47 lb. thiabendazole active ingredient per 212 g bag) or equivalent of Decco Salt No. 19 in 55 gallons of wax to give a final concentration of 2000 PPM TBZ. Apply one gallon of this mixture to 10,000 lbs. of clean apples or pears.

Use Restrictions:

- **Do not** apply more than 0.93 lb. thiabendazole per pack-out wax application per 10,000 lbs. of fruit.
- **Do not** apply more than two applications (one treatment prior to storage, and one treatment after storage) to each batch of harvested apple fruit.
- **Do not** apply more than one application to each batch of harvested pear fruit.

APPLICATION INSTRUCTIONS FOR POTATO:

Mist unwashed tubers on a conveyor line with tumbling action, entering storage with 5.67 grams (0.013 lb. thiabendazole active ingredient) of Decco Salt No. 19 to each 2000 lbs. of potatoes in sufficient water for complete coverage. If additional treatment is necessary before shipping, mist the tubers at the same rate or dip the tubers for 20 seconds in a solution containing 5.67 grams of Decco Salt No. 19 per gallon of water. Minimum re-treatment interval is 30 days. Use of Decco 276 EC at label recommended rate is compatible with Decco Salt No. 19.

Use Restrictions:

- **Do not** apply more than 0.025 lb. thiabendazole per application per batch of harvested potatoes.
- **Do not** apply more than two applications to each batch of harvested potatoes.
- Seed potatoes must be treated before cutting. **Do not** apply more than one application to seed potatoes.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool dry place.

PESTICIDE DISPOSAL: Pesticide, or spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to applicable federal, state or local procedures.

CONTAINER HANDLING:

[[Nonrefillable Outer Bag:] DO NOT reuse or refill the outer bag. Completely empty bag into application equipment. Offer bag for recycling if available. If recycling is not available, then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.]

[[Nonrefillable Plastic Containers (Capacity Equal to or Less Than 50 Pounds):] Nonrefillable container. **DO NOT** reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 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. Then, offer for recycling if available or puncture

[Note to Reviewer: Text in brackets [] indicates optional text.]

and dispose of in a sanitary landfill, or by incineration. DO NOT burn, unless allowed by State and local ordinances.]

[[Nonrefillable Plastic Containers (Capacity Greater Than 50 Pounds):] Nonrefillable container. **DO NOT** reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration. DO NOT burn, unless allowed by State and local ordinances.]

[[Nonrefillable foil outer pouches for Water Soluble Packets (WSP): Offer foil pouch for recycling if available or dispose of empty pouch in the trash, as long as WSP is unbroken.]


WARRANTY AND DISCLAIMER

DECCO US POST-HARVEST INC. warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the risks referred to therein. DECCO US POST-HARVEST INC. MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. TO THE EXTENT ALLOWED BY APPLICABLE LAW, IN NO CASE SHALL DECCO US POST-HARVEST INC. OR SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, BUSINESS REPUTATION, OR CUSTOMERS; LABOR COST, OR OTHER EXPENSES INCURRED IN REPACKAGING, SORTING OR REPROCESSING.

DECCO US POST-HARVEST INC. and seller offer this product and the buyer and user accept it subject to the foregoing conditions of sale and warranty which may be varied only by agreement in writing signed by a duly authorized representative of DECCO US POST-HARVEST INC.

DECCO US POST-HARVEST INC.
1713 S. California Ave.
Monrovia, CA 91016-0120

[Language Printed On Each Water Soluble Bag:]

	DECCO 
DECCO SALT No. 19	
Active Ingredient:	
2-(4-thiazolyl)-benzimidazole	
(thiabendazole/TBZ) 99.4%	
Other Ingredients: <u>0.6%</u>	
TOTAL: 100.0%	
KEEP OUT OF THE REACH OF CHILDREN	
CAUTION	
SEE [BOOKLET][BAG][JUG] FOR COMPLETE PRODUCT LABEL.	
EPA Reg. No. 2792-50	