

U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

89167-65

EPA Reg. Number:

Date of Issuance:

6/30/20

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| | | | | | | | | |

X Registration
Reregistration
(under FIFRA, as amended)

Term of Issuance:
Unconditional

Name of Pesticide Product:

AX HEXYTHIAZOX 50DF

Name and Address of Registrant (include ZIP Code):

Axion AG Products, LLC 1880 Fall River Drive, Suite 100 Loveland, CO 80538

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 unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

- 1. Submit and/or cite all data required for registration/registration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
- 2. Submit one copy of the revised final printed label for the record before you release the product for shipment.

| Signature of Approving Official: | Date: |
|----------------------------------|---------|
| Sincerely, | |
| Shanta adeeb | 6/30/20 |
| Shanta Adeeb, Product Manager 10 | |
| Invertebrate-Vertebrate Branch 2 | |
| Registration Division (7505P) | |
| Office of Pesticide Programs | |

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EPA Form 8570-6

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.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 02/12/2020
- Alternate CSF 1 dated 02/12/2020

If you have any questions, please contact Briana Hanlon by phone at (703) 347-8337, or via email at hanlon.briana@epa.gov

Enclosure

[Note to reviewer: [Text] in brackets denotes optional or explanatory language [Note to reviewer: {Text} in braces denotes where in the final label text will appear

{BOOKLET FRONT PANEL LANGUAGE}

HEXYTHIAZOX GROUP 10A ACARICIDE

AX-HEXYTHIAZOX 50DF

For agricultural use only

| Active Ingredient: | (% by weight) |
|--|---------------|
| Hexythiazox: trans-5-(4-Chlorophenyl)-N-cyclohexyl | |
| -4-methyl-2-oxothiazolidine-3-carboxamide | 50.0% |
| Other Ingredients | 50.0% |
| Total | 100.0% |

[Contains hexythiazox, the active ingredient used in Savey® 50 DF.]

KEEP OUT OF REACH OF CHILDREN CAUTION

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.)

See inside label booklet for First Aid, Precautionary Statements and Directions for Use.

EPA Reg. No.: 89167-65

EPA Est. No.:

NET WEIGHT :____ oz

ACCEPTED

06/30/2020

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under

EPA Reg. No. 89167-65

Manufactured For:

AXION AG PRODUCTS, LLC 1880 FALL RIVER DRIVE, SUITE 100 LOVELAND, CO 80538

[[AX-HEXYTHIAZOX 50DF™] is not manufactured, or distributed by Gowan, seller of Savey® 50 DF.]

{LANGUAGE INSIDE BOOKLET}

| | FIRST AID | | |
|--|---|--|--|
| 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: | 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 inhaled: | 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. | | |
| 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 Call a poison control center or doctor for treatment advice. | | | |
| HOT LINE NUMBER | | | |

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact **1-800-424-9300** for emergency medical treatment information.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Causes moderate eye irritation. Harmful if absorbed through skin, inhaled, or swallowed. Avoid contact with eyes, skin or clothing. Avoid breathing dust or spray mist. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants,
- Waterproof gloves,
- Shoes plus socks

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 immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS:

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when cleaning equipment or when disposing of equipment washwaters.

PHYSICAL OR CHEMICAL HAZARDS:

Do not mix or allow contact with oxidizing agents. Hazardous chemical reaction may occur.

Product Information

AX-HEXYTHIAZOX 50DF is recommended for use as a foliar application in labeled crops. **AX-HEXYTHIAZOX 50DF** provides effective control of major spider mite species. It is a 50% water dispersible granule formulation to be mixed with water and applied as a spray.

AX-HEXYTHIAZOX 50DF controls mites through activity on eggs and immature stages. Control is achieved from either direct contact with the spray or from contact with treated plant surfaces. Through its ovicidal activity, **AX-HEXYTHIAZOX 50DF** controls newly deposited mite eggs and eggs which are laid after application. **AX-HEXYTHIAZOX 50DF** is also highly effective in controlling immature motile stages of target mite species that are sprayed or move onto treated surfaces. Adult mites are not directly affected. However, eggs produced by females in contact with treated surfaces will be rendered unviable. **AX-HEXYTHIAZOX 50DF** provides residual control of pest mite species. The degree and duration of control is dependent on the rate used, growth stage of the mite, species of mite, and climatic conditions under which the material is applied.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Failure to follow the Directions For use and Precautions on this label may result in plant injury or poor disease control.

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 State or Tribal agency responsible for pesticide regulation.

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 restricted-entry intervals. 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
- Waterproof gloves,
- Shoes plus socks

Chemigation Statement

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

Managing Mite Resistance

Repeated use of miticides with similar modes of action may lead to buildup of resistant strains of mites. For resistance management, apply **AX-HEXYTHIAZOX 50DF** only once per year unless otherwise stated. To reduce the potential for developing mite resistance, do not apply a miticide with a similar mode of action more than once per year. If additional miticide applications are needed, use a product with a different mode of action, such as a contact adulticide. Read and follow product label before applying any miticide.

Mixing Directions: Continuous agitation is required to keep the product in suspension.

If this product is packaged in water-soluble bags, please read and observe the following directions for use:

- Packets containing AX-HEXYTHIAZOX 50DF are water-soluble. Avoid exposing inner bags to moisture.
- Do not allow bags to become wet prior to adding to the spray tank.
- Do not handle inner bag with wet hands.
- Reseal outer bag in a manner that protects remaining packets from moisture.
- Turn on spray tank agitation prior to adding water-soluble packets.
- To prepare the spray mixture, drop the required number of unopened packets, as determined under
 APPLICATION DIRECTIONS, into the spray tank while filling with water to the desired level (whenever
 possible direct the fill water over the top of the packets to increase the rate of solubility). Where dosages
 of AX-HEXYTHIAZOX 50DF are expressed as fractions of packets, prepare the tank mix load to the lower of
 the nearest whole packet.
- Depending on the water temperature and the degree of agitation, the packets should be completely dissolved within approximately three to five minutes from the time they were added to the spray tank.
- Once the packets have completely dissolved, add other chemicals following conventional mixing order practices.
- Tank-mix solutions containing boron will affect the solubility of the water-soluble film. Thoroughly rinse
 the spray tank of any boron containing spray solution prior to adding any water-soluble packets. When
 preparing tank mixes containing boron, add the correct amount of AX-HEXYTHIAZOX 50DF to the spray
 tank first. Make sure that the water-soluble packets are completely dissolved. Add boron preparations to
 the spray tank last. High concentrations of boron may cause dissolved water soluble bag material to
 precipitate and form insoluble residue in the spray tank system.
- It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture."

If this product is <u>NOT</u> packaged in water-soluble bags, please read and observe the following directions for use:

- Turn on spray tank agitation. Pour recommended amount of this material on the surface of water in a nearly filled spray tank.
- Add balance of water to fill the tank.
- Keep agitator running during filling and spraying operations. Do not allow mixture to stand.

Compatibility

AX-HEXYTHIAZOX 50DF is compatible with most agricultural chemicals. However, all possible combinations have not been evaluated. Before full-scale mixing of **AX-HEXYTHIAZOX 50DF** with other products, test mix small proportionate quantities of each to ensure compatibility.

Application Information

Use sufficient spray volume to obtain thorough, uniform coverage of all plant surfaces. Apply using ground equipment only unless otherwise specified under the crop instructions or labeling supplied by AXION AG PRODUCTS, LLC.

IMPORTANT: AX-HEXYTHIAZOX 50DF is a 50% water dispersible granular formulation to be diluted with water for application in commercial plantings only. Do not use in home plantings.

Use Recommendations

For best results, apply **AX-HEXYTHIAZOX 50DF** at first sign of mites before adult mite build up. **AX-HEXYTHIAZOX 50DF** will not control adult spider mites. Use higher rates on moderate-to-high mite infestations, large trees with dense foliage, or for extended residual control. The lowest rate of **AX-HEXYTHIAZOX 50DF** may be used in conjunction with other IPM strategies, or for shorter residual control later in the season. The use of less than label rates is not recommended since it will result in poor

performance and contribute to resistance development. If adult mites are present in medium-to-high populations, better results may be obtained using **AX-HEXYTHIAZOX 50DF** in combination with a registered contact adulticide. **AX-HEXYTHIAZOX 50DF** may be tank mixed with horticultural grade oil. Refer to all precautions regarding phytotoxicity on the oil label.

Do not make more than one application of **AX-HEXYTHIAZOX 50DF** or any other Hexythiazox product to the same crop per year, unless otherwise stated.

| CROP | PEST | RATE OZS./ACRE | INSTRUCTIONS |
|---|--|-------------------|---|
| CANEBERRY SUBGROUP 13-07A: Blackberry; loganberry; raspberry, black and red; wild raspberry; cultivars, varieties, and/or hybrids of these. | Two-spotted Spider Mite, McDaniel Spider Mite, Yellow Spider Mite, Pacific Mite | 4 - 6 | For air applications, apply a minimum of 5 gallons finished spray per acre. |
| RESTRICTIONS Do not make more than 1 a Applications may be made Preharvest interval (PHI) is | post harvest. | ear. | |
| CHRISTMAS TREES, CHRISTMAS TREE PLANTATIONS | Pacific Spider Mite, Spruce Spider Mite, Two-spotted Spider Mite | 3 - 6 | For air applications, apply in 2-10 gallons finished spray per acre. For best coverage, apply in two opposing passes of 5 gallons each. |
| RESTRICTIONS • Do not make more than or | ne application per year. | <u> </u> | |
| CITRUS (CA, AZ, and TX ONLY) | Tetranychid Mites (such as European Red Mite and Two- spotted Spider mite) | 3 - 6 | For application by ground equipment only. Use sufficient volume of water to obtain complete coverage but not less than 20 gallons per acre. |
| RESTRICTIONS Do not make more than 1 are not apply more than 6 are Preharvest interval (PHI) is | ounces of formulated pro | | er calendar year. |
| | Two-spotted spider mite, Pacific spider mite, Strawberry spider mite, Carmine spider mite | 3 - 5 | For air applications, apply a minimum of 5 gallons finished spray per acre. |
| RESTRICTIONS Do not make more than 1 are Preharvest interval (PHI) is | | ear. | |
| DATES | Banks grass mite | 6 | Apply at first signs of egg deposition, but no later than first observation of mite webbing on dates. Apply by ground sprayer directing spray toward bunches and on crown and fronds 3 feet above and below date bunches. Use volume and pressure to assure thorough uniform coverage of all dates. |
| | RESTRICTIONS Do not apply more that year. Do not make more that Preharvest interval (P) | an 1 application | zs. of formulated product per acre per calendar per calendar per calendar year. |

| CROP | PEST | RATE OZS./ACRE | INSTRUCTIONS |
|--------------|---|-------------------|---|
| GRAPES | Tetranychid Mites (such as European Red Mite and Two-spotted Spider mite) | 3 - 6 | For application by ground equipment only. Use sufficient volume of water to obtain complete coverage but not less than 20 gallons per acre. |
| RESTRICTIONS | | | |

- Do not make more than 1 application per calendar year.
- Do not apply more than 6 ounces of formulated product per acre per calendar year.
- Preharvest interval (PHI) is 28 days

| HOPS (APPLY UP TO | Two-spotted spider mite | 4 - 6 | Apply AX-HEXYTHIAZOX 50DF up to burr |
|-------------------|-------------------------|-------|---|
| BURR FORMATION) | | | formation in hop vines. For air applications, |
| | | | apply a minimum of 5 gallons finished spray per |
| (Not for use in | | | acre. |
| California) | | | |

RESTRICTIONS

• Do not apply more than a total of 20 ozs. of formulated product per acre per calendar year.

| NON-BEARING TREE | Citrus Red Mite, European | 3 - 6 | For air applications, apply a minimum of 5 gallons |
|---------------------------|-----------------------------|-------|--|
| FRUITS and NUTS, | Red Mite, Two-spotted | | finished spray per acre. |
| CITRUS, and VINES | Spider Mite, McDaniel | | |
| (FIELD GROWN, | Spider Mite, Pacific Spider | | |
| NURSERY, | Mite, Six-spotted Mite, | | |
| GREENHOUSE, | | | |
| SHADEHOUSE) Non- | | | |
| bearing crops are | | | |
| perennial crops that will | | | |
| not produce a | | | |
| harvestable raw | | | |
| agricultural commodity | | | |
| during the season of | | | |
| application. | | | |
| | | | |

RESTRICTIONS

• Do not make more than 1 application per calendar year.

| POME FRUIT GROUP 11- 10 Apple; azarole; crabapple; loquat; mayhaw; medlar; pear; | European red mite, Two- spotted spider mite, McDaniel spider mite, Pacific spider mite, Willamette mite | For air applications, apply a minimum 10 gallons finished spray per acre. |
|---|---|---|
| pear, Asian; quince; quince, Chinese; quince, Japanese; tejocote; cultivars, varieties, and/or hybrids of these | | |

RESTRICTIONS

- Do not make more than 1 application per calendar year.
- For D'Anjou or Bosc pear varieties, use higher labeled rates (4-6 oz./acre).
- Preharvest interval (PHI) is 28 days

| STONE FRUITS GROUP | European red mite, Two- | 3 - 6 | For air applications, apply a minimum of 5 gallons |
|--------------------------|------------------------------|-------|--|
| 12: | spotted spider mite, | | finished spray per acre. |
| Apricot; cherry, sweet; | McDaniel spider mite, | | |
| cherry, tart; nectarine; | Strawberry spider mite, | | |
| peach; plum; plum, | Pacific spider mite, Pecan | | |
| Chickasaw; plum, | leaf scorch mite, Willamette | | |
| Damson; plum, | mite | | |
| Japanese; plumcot; | | | |
| prune (fresh) | | | |

RESTRICTIONS

- Do not make more than 1 application per calendar year.
- Preharvest interval (PHI) is 28 days

| LOW GROWING BERRY SUBGROUP | Two-spotted Spider Mite | For air applications, apply a minimum of 5 gallons finished spray per acre. |
|----------------------------|-------------------------|---|
| 13-07G: Bearberry; | | |
| bilberry; blueberry, | | |
| lowbush; cloudberry; | | |
| cranberry; lingonberry; | | |
| muntries; | | |
| partridgeberry; | | |
| strawberry; cultivars, | | |
| varieties, and/or hybrids | | |
| of these | | |
| | | |

RESTRICTIONS

- Do not make more than 1 application per calendar year.
- Do not use in strawberry nurseries.
- Preharvest interval (PHI) is 3 days

| CROP | PEST | RATE OZS./ACRE | INSTRUCTIONS |
|--|---|-------------------|---|
| TREE NUTS GROUP 14 AND PISTACHIOS: Almond; beechnut; Brazil nut; butternut; cashew; chestnut; chinquapin; filbert (hazelnut); hickory nut; macadamia nut; pecan; pistachios, walnut, black and English | European red mite, Two-spotted spider mite, McDaniel spider mite, Strawberry spider mite, Pacific spider mite, Pecan leaf scorch mite, Willamette mite, Citrus Red Mite | | For air applications, apply a minimum of 5 gallons finished spray per acre. |
| <u> </u> | | I. | |

RESTRICTIONS

- Do not make more than 1 application per calendar year.
- Preharvest interval (PHI) is 28 days

RESTRICTIONS ON ALL CROPS

- Do not graze or feed livestock on cover crops growing in treated areas.
- Do not use water from treated orchards for irrigating other crops.
- Do not plant rotational crops other than those listed on this label within 120 days of application.
- Do not make more than 1 application of **AX-HEXYTHIAZOX 50DF** or any other Hexythiozox product to the same crop per calendar year.

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal.

STORAGE: Keep this product in its tightly closed original container. Store in a cool, dry (preferably locked) area that is inaccessible to children and animals, and away from other pesticides, fertilizers, food or feed.

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: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Clean container promptly after emptying. Triple rinse as follows: 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. After cleaning, if recycling is not available, puncture and dispose of in a sanitary landfill or by other procedures approved by State and local authorities.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions tor Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of AXION AG PRODUCTS LLC or Seller, TO THE EXTENT CONSISTENT WITH APPLICABLE LAW All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold AXION AG PRODUCTS LLC and Seller harmless for any claims relating to such factors.

AXION AG PRODUCTS LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or AXION AG PRODUCTS LLC, and TO THE EXTENT CONSISTENT WITH APPLICABLE LAW Buyer and User assume the risk of any such use. AXION AG PRODUCTS LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent consistent with applicable law, neither AXION AG PRODUCTS LLC nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF AXION AG PRODUCTS LLC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF AXION AG PRODUCTS, LLC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

AXION AG PRODUCTS LLC and Seller offer this product, and Buyer and User accept it, subject to the foregoing conditions of Sale and Limitation of Warranty and Liability which may not be modified except by written agreement signed by a duly authorized representative of AXION AG PRODUCTS LLC.

[Savey® 50 DF is a registered trademark of Gowan Company, LLC.]