



83529-34

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|---|--|----------------------------------|
|  <p>U.S. ENVIRONMENTAL PROTECTION AGENCY<br/>Office of Pesticide Programs<br/>Registration Division (7505P)<br/>1200 Pennsylvania Avenue, N.W.<br/>Washington, D.C. 20460</p> <p><b>NOTICE OF PESTICIDE:</b><br/><input checked="" type="checkbox"/> Registration<br/><input type="checkbox"/> Reregistration</p> <p>(Under FIFRA as amended)</p>  | EPA Reg. Number:<br>83529-34             | Date of Issuance:<br>FEB 27 2014 |
|   | Term of Issuance:<br>Unconditional       |                                  |
|   | Name of Pesticide Product:<br>Hexy 50WDG |                                  |
| Name and Address of Registrant (include ZIP Code):<br>Sharda USA LLC<br>c/o Wagner Regulatory Associates, Inc.<br>P.O. Box 640<br>Hockessin, DE 19707   |  |                                  |
| <p>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.</p> <p>On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA).</p> <p>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 her 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.</p> <p>This product is registered in accordance with FIFRA Sec. 3(c)(5) with the following terms:</p> <ol style="list-style-type: none"> <li>1. Revise the EPA Registration Number to read "EPA Reg. No. 83529-34."</li> <li>2. Submit two (2) copies of your final printed labeling before releasing the product for shipment.</li> </ol> <p>If the Agency determines that, at any time, additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under FIFRA section (3). A stamped copy of the label is enclosed for your records.</p> <p>If you have any questions regarding this action, please contact Olga Odiott at 703-308-9369.</p> |  |                                  |
| Signature of Approving Official:<br><br>Michael Walsh, Acting Product Manager 13<br>Insecticide Branch/Registration Division (7505P)   | Date:<br>FEB 27 2014                     |                                  |

Enclosures: Stamped label

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# Hexy 50 WDG Ovicide/Miticide

|   |                     |
|---|---------------------|
| <b>ACTIVE INGREDIENT:</b> Hexythiazox   | <b>% By Wt.</b>     |
| <i>trans</i> -5-(4-Chlorophenyl)-N-cyclohexyl-4-methyl-2-oxothiazolidine-3-carboxamide..... | 50.0%               |
| <b>OTHER INGREDIENTS</b> .....  | 50.0%               |
|   | <b>TOTAL 100.0%</b> |

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**FIRST AID**

|                               |  |
|-------------------------------|--|
| <b>If swallowed</b>           | <ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul> |
| <b>If on skin or clothing</b> | <ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>  |
| <b>If in eyes</b>             | <ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>  |
| <b>If inhaled</b>             | <ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>  |

**HOT LINE NUMBER**

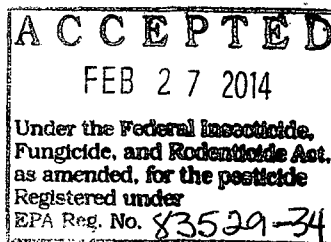
Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency information on (product, use, etc.), call the National Pesticides Information Center at **1-800-858-7378**, 6:30 AM to 4:30 PM Pacific time (PT), seven days a week. During other times, call the poison control center **1-800-222-1222**.

**NET CONTENTS \_\_\_\_\_**

**EPA Reg. No. 83529-**

**EPA Est. No.**

**Manufactured for:**  
Sharda USA LLC  
PO Box 640  
Hockessin, DE 19707



**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**CAUTION**

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated 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.

**PRODUCT INFORMATION**

Hexy 50 WDG is recommended for use as a foliar application in labeled crops. Hexy 50 WDG provides effective control of major spider mite species. It is a water dispersible granule that is to be mixed with water and applied as a spray.

Hexy 50 WDG 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, Hexy 50 WDG controls newly deposited mite eggs and eggs which are laid after application. Hexy 50 WDG 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 nonviable. Hexy 50 WDG provides extended 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. Follow all directions on the EPA approved label and any supplemental 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.

#### 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

**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 Hexy 50 WDG only once per year. To reduce the potential for developing mite resistance, do not apply a miticide with a similar mode of action more than once per year (Hexy 50 WDG and Apollo® should not be applied to the same crop in any one 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:

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

**Phytotoxicity:** As is common with most emulsifiable concentrate formulations, adverse effects such as spotting or discoloration of the treated surfaces can occur. Some conditions known to contribute to phytotoxicity include, but are not limited to, high temperatures, poor spray drying conditions, excessive spray deposit or run-off, certain spray mixtures, stage of crop development or tank mixes with other pesticides.

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**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 comments or on supplemental labeling supplied by Sharda USA LLC.

**Important:** Hexy 50 WDG is a water-dispersible granule to be diluted with water for application in commercial plantings only. Do not use in home plantings.

**Use Recommendations:** For best results, apply Hexy 50 WDG at first sign of mites before adult mite build up. Hexy 50 WDG 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 Hexy 50 WDG 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 Hexy 50 WDG in combination with a registered contact adulticide. Hexy 50 WDG 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 Hexy 50 WDG or any other Hexythiazox product to the same crop per year.

**PREHARVEST INTERVAL**

The required days between the last application and harvest are given in ( ) after each crop name.

**APPLICATION DIRECTIONS [Crops placed in alphabetical order]**



| CROP   | Pest  | Rate<br>Ozs./Acre | Comments  |
|--|---|-------------------|---|
| <b>COTTON (35)</b><br>(For use in California Only)   | Two spotted spider mite,<br>Pacific-spider mite,<br>Strawberry spider mite,<br>Carmine spider mite  | 3-5               | For air applications apply a minimum of 5 gallons of finished spray per acre.   |
|  | <ul style="list-style-type: none"> <li>Do not make more than one application per year.</li> </ul>   |                   |   |
| <b>DATES (90)</b>  | 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. |
|  | <ul style="list-style-type: none"> <li>Do not make more than one application per year.</li> <li>Do not apply more than 6 ounces per acre per year.</li> </ul>   |                   |   |
| <b>GRAPES (28)</b>   | Tetranychid Mites<br>(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.   |
|  | <ul style="list-style-type: none"> <li>Do not make more than 1 application per year.</li> <li>Do not apply more than 6 ounces per acre per year.</li> </ul>   |                   |   |
| <b>HOPS (APPLY UP TO BURR FORMATION)</b>   | Twospotted spider mite  | 4-6               | Apply up to burr formation in hop vines. For air applications, apply a minimum of 5 gallons finished spray per acre.  |
| <ul style="list-style-type: none"> <li>Do not make more than one application per year.</li> </ul>  |   |                   |   |
| <b>NON-BEARING FRUIT AND NUT TREES, CITRUS, AND VINES (FIELD GROWN AND NURSERY) NON-BEARING CROPS ARE PERENNIAL CROPS THAT WILL NOT PRODUCE A HARVESTABLE RAW AGRICULTURAL COMMODITY DURING THE SEASON OF APPLICATION.</b> | Citrus Red Mite;<br>European Red Mite;<br>Twospotted Spider Mite;<br>McDaniel Spider Mite;<br>Pacific Spider Mite;<br>Sixspotted Mite;<br>Texas Citrus Mite   | 3-6               | For air applications, apply a minimum of 5 gallons finished spray per acre.   |
| <ul style="list-style-type: none"> <li>Do not make more than one application per year.</li> </ul>  |   |                   |   |
| <b>POME FRUIT GROUP (28)</b>   | European red mite,<br>Twospotted spider mite,<br>McDaniel spider mite,<br>Pacific spider mite,<br>Willamette mite   | 3-6               | For air applications, apply a minimum 5 gallons finished spray per acre.  |
|  | <ul style="list-style-type: none"> <li>Do not make more than one application per year.</li> <li>For D'Anjou or Bosc pear varieties, use higher labeled rates (3-6 oz./acre).</li> <li>Do not make more than one application of Hexy 50 WDG per year.</li> </ul> |                   |   |

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| CROP   | Pest   | Rate<br>Ozs./Acre | Comments  |
|--|--|-------------------|---|
| <b>STONE FRUITS GROUP<br/>(INCLUDING PLUMS)<br/>(28)</b> | European red mite,<br>Two spotted spider<br>mite,<br>McDaniel spider,<br>mite,<br>Strawberry spider<br>mite,<br>Pacific spider mite,<br>Pecan leaf scorch<br>mite,<br>Willamette mite                    | 3-6               | For air applications, apply a<br>minimum of 5 gallons<br>finished spray per acre.<br><br>• Do not make more than one application per year.  |
| <b>STRAWBERRIES (3)</b>                                  | Twospotted Spider<br>Mite  | 6                 | For air applications, apply a<br>minimum of 5 gallons<br>finished spray per acre.<br><br>• Do not make more than one application per year.<br>• Do not use in nurseries.  |
| <b>TREE NUTS GROUP AND<br/>PISTACHIOS (28)</b>           | European red mite,<br>Two spotted spider<br>mite,<br>McDaniel spider<br>mite,<br>Strawberry spider<br>mite,<br>Pacific spider mite,<br>Pecan leaf scorch<br>mite,<br>Willamette mite,<br>Citrus Red Mite | 3-6               | For air applications, apply a<br>minimum of 5 gallons<br>finished spray per acre.<br>For ground applications,<br>apply a minimum of 20<br>gallons of finished spray per<br>acre.<br><br>• Do not make more than one application per year. |



**RESTRICTIONS ON ALL CROPS**

- Do not graze or feed livestock on cover crops growing in treated areas.
- Do not use water from treated fields for irrigating other crops.
- Do not apply this product through any type of irrigation system.
- Hexy 50 WDG is an emulsifiable concentrate to be diluted with water for application in commercial plantings only.
- Apply Hexy 50 WDG prior to adult mite build up. Hexy 50 WDG will not control adult spider mites. Use higher rates on moderate to high mite infestations or for larger plants with a dense canopy. If adult mites are present in medium to high populations, better results may be obtained using Hexy 50 WDG in combination with a registered contact adulticide. The use of less than label rates is not recommended with Hexy 50 WDG.
- Do not make more than one application of Hexy 50 WDG or any other Hexythiazox product to the same crop per year.
- Do not plant rotational crops other than those on this label within 120 days of this application.

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Store product in original container. Store product in original container only, away from other pesticides, fertilizers, food or feed.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excessive pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:**

**NONREFILLABLE CONTAINER (EQUAL TO OR LESS THAN 5 GALLONS):** 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 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. Offer for recycling, if available, or puncture and dispose in a sanitary landfill, or by incineration, or if allowed by state and local authorities by burning. If burned, stay out of smoke.

**NONREFILLABLE CONTAINER (GREATER THAN 5 GALLONS):** 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 ¼ 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. Offer for recycling, if available, or puncture and dispose in a sanitary landfill, or by incineration, or if allowed by state and local authorities by burning. If burned, stay out of smoke.

**FOR 24-HOUR EMERGENCY ASSISTANCE (SPILL, LEAK OR FIRE), CALL CHEMTREC® (800) 424-9300.**

**For other product information, contact Sharda USA LLC or see Material Safety Data Sheet.**

**NOTICE OF CONDITIONS OF SALE AND WARRANTY AND LIABILITY LIMITATIONS**

Important: Read the entire Directions for Use and Notice of Conditions of Sale and Warranty and Liability Limitations before using this product. If terms are not acceptable return the unopened container for a full refund.

Our recommendations for use of this product are based on tests believed to be reliable. However, it is impossible to eliminate all risk associated with the use of this product. Crop injury, inadequate performance, or other unintended consequences may result due to soil or weather conditions, off target movement, presence of other materials, method of use or application, and other factors, all of which are beyond the control of Sharda USA LLC. All such risks shall be assumed by the Buyer and User.

Sharda USA LLC warrants that this product conforms to the specifications on the label when used in strict conformance with Direction for Use, subject to the above stated risk limitations. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, SHARDA USA LLC MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, SHARDA USA LLC'S EXCLUSIVE LIABILITY FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, OR ANY OTHER LEGAL THEORY IS STRICTLY LIMITED TO THE PURCHASE PRICE PAID OR REPLACEMENT OF PRODUCT, AT SHARDA USA LLC'S SOLE DISCRETION.

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