

264-994

11/10/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

NOV 10 2009

Mr. Larry R. Hodges
Bayer CropScience LP
2 T.W. Alexander Dr,
Research Triangle Park, NC 27709

Subject: Secure II Liquid Stored Grain Insecticide, EPA Reg. No. 264-994
Date of Registrant Submission: July 17, 2009
Decision: 419960

Dear Mr. Hodges:

The labeling referred to above, submitted in connection with registration under the Federal insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable

Two (2) copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy of the label is enclosed for your records. If you have any questions regarding this letter, please contact Samantha Hulkower at (703) 603-0683.

Sincerely,

A handwritten signature in black ink, appearing to read "Kimberly Nesci".

Kimberly Nesci
Product Manager 11
Insecticide Branch
Registration Division (7505P)

Enclosure: Copy of Label Stamped "Accepted"

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ACCEPTED
NOV 10 2009
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 264-994

SECURE™ II Liquid Stored Grain Insecticide

ACTIVE INGREDIENTS:

Spinosad (CAS Number 131929-60-7) 23.21%

INERT INGREDIENTS..... 76.79%

TOTAL..... 100.00%

EPA Reg. No. 264-994

EPA Est.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID	
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. Call a poison control center or doctor for treatment advice.
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. In case of emergency call toll free the Bayer CropScience Emergency Response Telephone No. 1-800-334-7577. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.</p>	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Applicators and other handlers must wear: long-sleeved shirt and long pants, chemical-resistant gloves made of any waterproof material, and shoes plus socks and protective eyewear. 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.

USER SAFETY RECOMMENDATIONS
<p>Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.</p>

ENVIRONMENTAL HAZARDS

This product is highly toxic to mollusks. Do not contaminate water when disposing of equipment washwaters or rinsate.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container only. In case of leak or spill, contain material with absorbent materials and dispose of as waste.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site according to label use directions or at an approved waste disposal facility.

CONTAINER HANDLING: Rigid, Non refillable containers small enough to shake (i.e. with capacities less than 5 gallons).

Non-refillable container. Do not reuse

or refill this container. Clean container promptly after emptying. 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 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. Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.

Rigid Non-refillable containers that are too large to shake (i.e., with capacities greater than 5 gallons or 50 lbs).

Non-refillable container. Do not reuse or refill this container. Refer to Bottom Discharge IBC or Top Discharge IBC, Drums, Kegs information as follows.

Bottom Discharge IBC (e.g. – Schuetz Caged IBC or Snyder Square Stackable)

Pressure rinsing the container before final disposal is the responsibility of the person disposing of the container. To pressure rinse the container before final disposal, empty the remaining contents from the IBC into application equipment or mix tank. Raise the bottom of

the IBC by 1.5 inches on the side which is opposite of the bottom discharge valve to promote more complete product removal. Completely remove the top lid of the IBC. Use water pressurized to at least 40 PSI to rinse all interior portions. Continuously pump or drain rinsate into application equipment or rinsate collection system while pressure rinsing. Continue pressure rinsing for 2 minutes or until rinsate becomes clear. Replace the lid and close bottom valve.

Top Discharge IBC, Drums, Kegs (e.g.– Snyder 120 Next Gen, Bonar B120, Drums, Kegs).

Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. To triple rinse the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill or by incineration.

SECURE II is a 2 lb/gallon SC formulation that can be used to protect stored grains and other commodities from insect damage at an active ingredient concentration of 1 ppm by weight.

PRODUCT INFORMATION

STORED GRAIN: For protection of the listed stored food, feed and oil grain commodities against injury from insect pests including, but not limited to, lesser grain borer, indian meal moth, angoumois grain moth, Texas rice moth, almond moth, confused flour beetle, and flat grain beetle. Additional pests such as rice weevil, granary weevil, maize weevil, red-flour beetle, sawtoothed grain beetle, and rusty grain beetle are suppressed to low levels. Protection is achieved by breaking the pest life cycle through control of adults and/or immature life stages.

For optimum results, thoroughly clean and treat grain storage areas prior to storage of grain. If grain is insect infested, fumigate with a registered insecticide to control existing populations and apply SECURE™ II Liquid Stored Grain Insecticide for residual protection.

STORED SEED: For the protection of stored seed against injury from the stored grain insects listed above. For optimum results, thoroughly clean and treat seed storage areas prior to storage of seed. If seed is insect infested, fumigate to control existing populations and apply SECURE™ II Liquid Stored Grain Insecticide for residual protection.

SECURE™ II Liquid Stored Grain Insecticide may also be used in conjunction with registered fungicides or other insecticide seed protectants. Seed treated with SECURE II Liquid Stored Grain Insecticide alone, is considered food-quality grain. Seed treated with other seed protectant products may be required to be colored and tagged. Requirements for coloring and tagging can be found on the product labels.

Application Rates:

For Crops Typically Treated per 1,000 Bushels, See the Following Table:

Target Crop	SECURE™ II Liquid per 1,000 bushels* (to deliver 1 ppm)	
	fl oz	ml
Barley	3	89
Bird seed	See rate/ton**	See rate/ton**
Corn(field, sweet, pop, grown for seed)	3.6	106
Millet, foxtail	3.2	95
Millet, pearl	2.2	65
Millet, proso	3.6	106
Oats	2.2	65
Rice	2.9	86
Sorghum/Milo	3.6	106
Triticale	3.8	111
Wheat	3.8	112

*Application rates are based on nominal commodity test weight.

**Ton = U.S. ton (2,000 lbs.)

Specific Use Directions: Dilute SECURE™ II Liquid Stored Grain Insecticide with water and mix thoroughly and occasionally agitate. Apply as a course spray to the moving grain to give a deposit of the desired concentration treating the entire grain mass. Apply 5 gallons of spray mixture per 1,000 bushels of grain, for all grain listed above except rice. For rice apply 10 gallons of spray mixture per 1,000 bushels due to the absorbant grain coat.

Application per Ton of Grain or Seed: For crops typically treated per metric tonne (2,200 lb), such as grain for export, apply 0.14 fl oz or 4.1 milliliters per metric tonne to deliver 1 ppm of active ingredient. For crops typically treated per ton (2,000 lb), i.e., bird seed or any crop listed in the table above, apply 0.13 fl oz or 3.8 milliliters per ton to deliver 1 ppm of active ingredient.

Top Dressing Treatments: These treatments are not as effective as treating the full grain column, but they can provide significant protection from some insects such as indian meal moth. For each 1,000 sq ft of surface, mix 1.0 fl oz of SECURE II Liquid grain Insecticide in 2.0 gallons of water. Apply one-half of the total application amount evenly across the surface and then rake to a depth of at least 4 inches. Complete the treatment by applying the remaining half to the surface and leave undisturbed.

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RECOMMENDATIONS and RESTRICTIONS:

- International tolerances and residue limits for crops and commodities treated with this product may not yet be established in one or more countries outside the United States. For this reason, this product should be used only on crops and commodities intended for consumption in the United States or on crops and commodities that will be imported to a country(ies) where you have confirmed the specific import residue policies and applicable residue limits permit such import.
 - Avoid application at extremely dusty sites.
 - When drying grain, apply SECURE™ II Liquid Stored Grain Insecticide after the grain has cooled.
 - Do not treat grain more than once.
 - Maintain accurate records, especially if commodity is destined for export.
 - Calibrate application equipment and grain flow rates daily and when significant changes occur to ensure proper application rates.
 - Always start with clean storage bins that have been treated with a protectant with a different mode of action.
 - For resistance management, rotate chemical modes of action each year.
 - No withholding period is required for grain used for food, feed or oil purposes.
 - Always shake the container well before mixing to suspend product that may have settled during storage.
- Note:** Refer to the Environmental Hazards section of the product label attached to the product container for required protective measures.

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IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, disclaimer of Warranties and Limitations of Liability.

Treatment of highly mechanically damaged seed, or seed of known low vigor and poor quality, may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small portion of seed before committing the total seed lot to a selected chemical treatment. Due to seed quality conditions beyond the control of Bayer CropScience, no claims are made to guarantee germination of carry-over seed.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer CropScience. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE MAKES NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

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NOTICE TO BUYER

Purchase of this material does not confer any rights under patents governing this product or the use thereof in countries outside of the United States.

NET CONTENTS:

SECURE is a trademark of Bayer CropScience

Produced for



Bayer CropScience

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