

2724-420

5/7/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON D C 20460

MAY 07 2012

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Nancy Huebl
Senior Registration Specialist
Wellmark International
1501 East Woodfield Road Suite 200W
Schaumburg Illinois 60173

RE Product Name Zoecon RF 329 Ant Growth *Regulator*
EPA Reg No 2724 420
Application for Label Notification Dated March 29 2012 to update storage and disposal
statement per PR Notice 2007 4

Dear Mrs Huebl

The Biopesticides and Pollution Prevention Division is in receipt of your application for Notification under Pesticide Registration (PR) Notice 98 10 dated above. A preliminary screen of this request has been conducted for its applicability under PR Notice 98 10 and it has been determined that the action(s) requested falls within the scope of PR Notice 98 10. Our records have been duly noted and the label submitted with this application has been stamped Notification Accepted and will be placed accordingly in our records.

If you have any questions concerning this action please feel free to contact Ms Menyon Adams at (703) 347 8496 or email at adams.menyon@epa.gov

Sincerely

Linda Hollis

Linda Hollis Chief
Biochemical Pesticides Branch
Biopesticides and Pollution Prevention
Division (7511P)



United States
Environmental Protection Agency
Washington DC 20460

Registration
Amendment
 Other

OPP Identifier Number

Application for Pesticide Section I

1 Company/Product Number Wellmark International/2724-420	2 EPA Product Manager Linda Hollis	3 Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4 Company/Product (Name) Wellmark International/Zoecon RF-329 Ant Growth Regulator	PM # Biopesticides	
5 Name and Address of Applicant / Registrant (Include ZIP Code) Wellmark International 1501 East Woodfield Road Suite 200W Schaumburg Illinois 60173 <input type="checkbox"/> Check if this is a new address	6 Expedited Review In accordance with FIFRA Section 3(C)(3) (b)(i) my product is similar or identical in composition and labeling to EPA Reg No _____ Product Name _____	

Notification Accepted

Section II

Date MAY 07 2012

<input type="checkbox"/> Amendment Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated Reviewer <u>M Adams</u>
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> Me Too Application
<input checked="" type="checkbox"/> Notification Explain below	<input type="checkbox"/> Other Explain below

Explanation Use additional page(s) if necessary (For section I and section II)

Per PRN 2007 4 update Container Handling
This notification is consistent with the provisions of PR Notice 2007-4 and EPA regulations at 40 CFR 152.46 and no other changes have been made to the labeling or the confidential statement of formula of this product I understand that it is a violation of 18 U S C Sec 1001 to willfully make any false statement to EPA I further understand that if this notification is not consistent with the terms of PR Notice 2007 4 and 40 CFR 152.46 this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA

Section III

1 Material This Product Will be Packaged In					
Child Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packagin <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2 Type of Container <input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
Certification must be submitted		If 'Yes' Unit Packaging wgt	No per container	If 'Yes' Unit Packaging wgt	No per container
3 Location of Net Contents Information <input checked="" type="checkbox"/> Label <input checked="" type="checkbox"/> Container		4 Size(s) Retail Container 1 liter 20 gallons		5 Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Label Accompanying Product	
6 Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

Section IV

1 Contact Point (Complete items directly below for identification of individual to be contacted if necessary to process this application)					
Name Nancy Huebl		Title Senior Registration Specialist		Telephone No (Include Area Code) 847 330 5376	
Certification I certify that the statements I have made on this form and all attachments thereto are true accurate and complete I acknowledge that any knowingly false or misleading statements my be punishable by fine or imprisonment or both under applicable law					6 Date Application Received (Stamped)
2 Signature <u>Nancy Huebl</u>			3 Title Senior Registration Specialist		
4 Typed Name Nancy Huebl			5 Date 29-Mar 12		

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Wellmark International
1501 East Woodfield Road Suite 200 West
Schaumburg, IL 60173
847.330.5300
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March 29, 2012

Document Processing Desk (NOTIF)
Office of Pesticide Programs 7504P
U.S. Environmental Protection Agency
Room S 4900 One Potomac Yard
2777 South Crystal Drive
Arlington, Virginia 22202 4501

ATTENTION Linda Hollis/BPPD Branch Chief

SUBJECT NOTIFICATION PER PRN 2007 4/CONTAINER DISPOSAL
FOR ZOECON® RF 329 ANT GROWTH REGULATOR/EPA REG NO 2724 420

Dear Ms. Hollis:

Enclosed is a completed EPA Form 8570-1 and 1 copy of revised highlighted labeling to serve as notification per PRN 2007 4. The added text represents exact wording from the regulations/PR Notice. This action is not a PRIA action and does not require any fee.

If you have any questions, please call me directly at 847/330 5376 or email me. Thank you for your assistance in this matter.

Yours sincerely,
WELLMARK INTERNATIONAL

A handwritten signature in cursive script that reads "Nancy Huebl".

Nancy Huebl
Sr. Registration Specialist
nhuebl@central.com

enclosure

[optional text]

ZOECON® RF-329 ANT GROWTH REGULATOR

FOR CONTROL OF [PROTEIN and SUGAR FEEDING [PHARAOH] [AND][ARGENTINE] ANTS

Sterilizes egg laying queens and prevents larval development
For use in refillable bait stations
Use around table and wine grape vines [almond][pistachio][walnut][nut crops] avocado citrus and bearing and non bearing fruit trees
A liquid concentrate for control of [Pharaoh] and [Argentine] ants in agricultural crops and structures

ACTIVE INGREDIENT

(S) Methoprene (CAS #65733 16 6)

4.9%

OTHER INGREDIENTS

95.1%

Total

100.0%

This product contains 0.4 pounds/gallon (48 grams/liter) S methoprene active ingredient

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See back panel for additional precautions

EPA Reg No 2724 420

EPA Est No

Net Contents

Notification Accepted

Date MAY 07 2012

Reviewer Madams

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Causes moderate eye irritation Harmful if absorbed through skin Avoid contact with eyes skin or clothing Wash thoroughly with soap and water after handling Remove and wash contaminated clothing before reuse

Personal Protective Equipment (PPE)

Applicators and other handlers must wear

- Long sleeved shirt and long pants
- Shoes plus socks
- Chemical resistant gloves

Follow manufacturer s instructions for cleaning and maintaining PPE If no such instructions for washables 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
 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

FIRST AID	
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
If on skin	<ul style="list-style-type: none"> • Take off contaminated clothing • Rinse skin immediately with plenty of water for 15 20 minutes
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 [phone number] for emergency medical treatment information	

[Note First Aid statement paragraph format may be used if space is limited]

ENVIRONMENTAL HAZARDS

Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark 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

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 interval. 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 4 hours.

Exception: If the product is soil injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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
- Chemical resistant gloves (made of any waterproof material)
- Shoes plus socks

GENERAL INFORMATION

Zoecon RF 329 Ant Growth Regulator is a concentrated product to be mixed and diluted with a bait matrix for use in the control of ants. Zoecon RF 329 Ant Growth Regulator contains an insect growth regulator (IGR) which acts on ant colonies by sterilizing egg-laying queens and preventing larval development. When foraging, worker ants bring treated bait back to the colony; the IGR is spread throughout the colony and is fed to the queen and larvae, which results in sterile eggs and prevents larvae from becoming adult workers. IGRs work slower than conventional products which provides a direct ant kill. Though slower in action, control is complete without the concern for rebounding or movement of the colony to another location. Reduction in colony size can be seen beginning at three weeks. When existing workers die, replacement workers are not produced, resulting in starvation and elimination of the queen and colony.

Some ant species colonies, such as the Argentine ant, can be quite large and it is important that a continuous supply of treated bait be available. Monitor bait stations frequently to assess bait consumption and ant activity at the bait stations.

APPLICATION SITES

Outdoor Use

Use Zoecon RF 329 Ant Growth Regulator in but not limited to the following areas

- Table grape vineyards
- Wine grape vineyards
- Almond and other nut groves
- Citrus groves
- Commercial nurseries including field grown and container stock
- Non bearing and bearing fruit crops
- Row crops
- Residential turf and landscapes
- Perimeter areas of buildings homes sheds kennels barns poultry houses swine operations dairies and other areas where ants are a problem

Indoor Use

Use Zoecon RF 329 Ant Growth Regulator to treat indoor ant infestations in these and other areas where ants are a problem

- Homes
- Restaurants
- Taverns
- Food Service
- Hospitals
- Apartments
- Buildings
- Barns poultry houses dairies swine operations
- Warehouses food preparation and processing facilities

TREATMENT PROCEDURE AND BAITING INTENSITY

Indoor and outdoor perimeter applications

The number of bait placements per area will vary with the intensity of infestation. For indoor and outdoor perimeter uses against Pharaoh ants and small colonies of Argentine ants the average baiting intensity is one bait placement per 3 m² (27 sq ft). Ensure that all infested areas are thoroughly baited. The amount of bait to use will vary with species and whether a liquid or solid bait is presented. For solid baits use 1 – 2 grams of bait per location or 1/2 fluid ounces of liquid per location.

Outdoor applications

For baiting in vineyards orchards or other crop and non crop areas

Sweet or liquid feeding ants

Use bait stations* that can hold 250 ml or more of liquid bait for large sweet feeding or liquid feeding ant colonies. Argentine ant colonies can be especially large so it is important to present and maintain a sufficient quantity of bait to obtain control of ant populations. Monitoring the area for ant activity can help to determine the optimal location for placement of bait stations. Following bait placement monitor the bait stations and ant populations and replenish bait mixture as needed.

Ant pressure and intensity can vary between locations. Contact local extension or university personnel to determine appropriate bait station placement and density.

Protein feeding ants

Apply bait in bait stations and place in locations of ant activity. It is important to present and maintain a sufficient quantity of bait to obtain control of ant populations. Monitoring the area for ant activity can help to determine the optimal location for placement of bait stations. Following bait placement, monitor the bait stations and ant populations and replenish bait mixture as needed.

Ant pressure and intensity can vary between locations. Contact local extension or university personnel to determine appropriate bait station placement and density.

Bait Preparation

Thoroughly mix Zoecon RF 329 Ant Growth Regulator with the required amount of bait as determined by the following table to attain a bait matrix containing 0.25% S-methoprene.

AMOUNT OF BAIT NEEDED	REQUIRED AMOUNT OF ZOECON RF 329 ANT GROWTH REGULATOR
Six ounces	0.3 fl oz (9 ml)
1 gallon	6 fl oz (177 ml)
2½ gallons	16 fl oz (473 ml)
5 gallons	30 fl oz (887 ml)
10 gallons	60 fl oz (1,774 ml) (1.8 L)
20 gallons	120 fl oz (3,549 ml) (3.55 L)

Ant food preferences can be variable and can change during the year. In general, provide sweet baits for ants such as Argentine ants that prefer sweet foods such as honeydew and nectar. For ants such as Pharaoh ants that primarily feed on proteins, provide a protein-based bait such as peanut butter or powdered liver. Pre-baiting the area with different foods can provide direction for the most optimal bait choice to begin a baiting program.

*Bait stations sold by a third party, not part of this packaging.

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

Storage Store in a cool area away from children. **Pesticide Disposal** Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Handling Nonrefillable container. Do not reuse or refill this container. Triple rinse as follows (~~or equivalent~~): 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. Then offer for recycling if available ~~or reconditioning~~ or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

For information or in case of an emergency call [phone number]
Seller makes no warranty expressed or implied concerning the use of this product other than as indicated on the label Buyer assumes all risk of use and handling of this material when such use and handling are contrary to label instructions

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Schaumburg IL 60173
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