

2724-351

12/01/2009

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

December 1, 2009

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

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

RE: Product Name: Zoecon RF-259 Emulsifiable Concentrate  
EPA Reg. No: 2724-351  
Application for Label Notification Dated October 29, 2009 to update the  
storage and disposal statement

Dear Ms. 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, received and reviewed" 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](mailto: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/2724-351	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-259 Emulsifiable Concentrate	PM# <u>91</u> 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 _____

**Section - II**

Amendment - Explain below.  
 Resubmission in response to Agency letter dated \_\_\_\_\_  
 Notification - Explain below.

Final printed labels in response to Agency letter dated \_\_\_\_\_  
 "Me Too" Application  
 Other - Explain below

**NOTIFICATION**  
 Date Reviewed: 12/6/09  
 Reviewed By: MKS

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

Notification of label change per PRN 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA regulations at 40 CFR 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for 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 requirements of 40 CFR 156.10, 156.140, 156.144, 156.146, and 156.156, 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**

<b>1. Material This Product Will be Packaged In:</b>			
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 Packaging  <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 checked="" 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 10 x 1 fl oz & 16 fl oz	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Label Accompanying Product	
<input checked="" type="checkbox"/> Other    Printed paper carton			

**Section - IV**

<b>1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)</b>		
Name Nancy Huebl	Title Senior Registration Specialist	Telephone No. (Include Area Code) (847)330-5376
<b>Certification</b>		<b>6. Date Application Received</b>
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 may be punishable by fine or imprisonment or both under applicable law.		Received: _____ (Stamped) _____ _____
2. Signature 	3. Title Senior Registration Specialist	
4. Typed Name Nancy Huebl	5. Date 29-Oct-09	

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Wellmark International  
1501 East Woodfield Road, Suite 200 West  
Schaumburg, Illinois 60173  
847 330 5300  
www.wellmarkinternational.com

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October 29, 2009

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 ZOËCON® RF-259 EMULSIFIABLE CONCENTRATE/EPA REG. NO. 2724-351

Dear Ms. Hollis:

Enclosed is a completed EPA Form 8570-1, 1 copy of revised highlighted labeling, and 1 clean copy to serve as notification per PRN 2007-4. The added text represents exact wording from the regulations/PR Notice, the only other change made to the label was text deletion of no longer appropriate language based on current packaging. 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

Nancy Huebl  
Sr. Registration Specialist  
[nhuebl@central.com](mailto:nhuebl@central.com)

enclosure

cc: [illegible]

{ } Indicates optional statements

# ZOECON RF-259 EMULSIFIABLE CONCENTRATE

with GENTROL® (ZIGRON™) Insect Growth Regulator

- Controls cockroach and stored product pest populations, drain flies, fruit flies, and bedbugs
- Continuous protection for 120 days {4 months}{17 weeks}
- Use every 120 days {4 months}{17 weeks} to {stop}{end} your cockroach problem
- Minimum retreatment interval, based on efficacy, is 45 to 120 days
- Inhibits cockroaches' natural ability to reproduce
- Biochemical approach to cockroach, stored products pests, drain fly, fruit fly, and bedbug control
- Controls stored product pest and drain fly, fruit fly, and bedbug populations by disrupting normal metamorphosis
- Breaks the cockroach life cycle
- Kills {controls} stored product pests and drain and fruit fly, and bedbug {populations}
- Easy to apply
- Cockroach control for industrial and institutional use
- Use in {food areas {and non-food areas} of} food handling establishments {facilities}
- For fogging {space spraying} in large food handling establishments (warehouses)
- Kills fleas

**ACTIVE INGREDIENT:**

(S)-Hydroprene (CAS #65733-18-8).....9.0%

**OTHER INGREDIENTS\*:**.....91.0%

TOTAL 100.0%

\*Contains petroleum distillates

## KEEP OUT OF REACH OF CHILDREN

### CAUTION

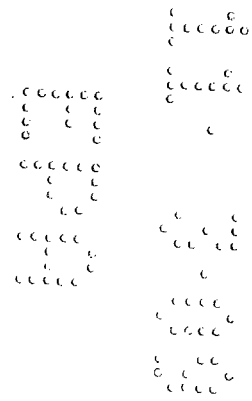
See back panel for additional precautionary statements

EPA Reg. No. 2724-351

EPA Est. No.

NET CONTENTS: 1 pint  
1 fl oz (X 10 bottles per carton)

Lot Number:



**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION:** Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Wash thoroughly with soap and water after handling.

<b>FIRST AID</b>	
Call a poison control center or doctor immediately for treatment advice.	
If swallowed	<ul style="list-style-type: none"> <li>• Immediately call a poison control center or doctor.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give <b>any</b> liquid to the person. Do not give anything by mouth to an unconscious person.</li> </ul>
If in eyes	<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> </ul>
If on skin or clothing	<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> </ul>
If inhaled	<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 by mouth-to-mouth, if possible.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-248-7763 for emergency medical treatment information	
<b>Note to Physician:</b> Contains petroleum distillates. Vomiting may cause aspiration pneumonia.	

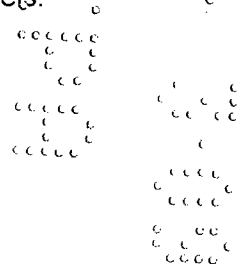
[Note: First Aid statement paragraph format may be used if space is limited.]

**PHYSICAL OR CHEMICAL HAZARDS:** Do not use this product in or on electrical portions of equipment due to the possibility of shock hazard.

**DIRECTIONS FOR USE:** It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

**GENERAL INFORMATION**

Zoecon RF-259 Emulsifiable Concentrate, an Insect Growth Regulator (IGR), is a synthetic, juvenile hormone "look-alike" which disrupts the normal growth development of cockroaches, drain flies, fruit flies, bedbugs, and stored product pests (examples of these pests include Indian meal moths, rice moths, tobacco moths, red flour beetles, confused flour beetles, lesser grain borers, merchant grain beetles, sawtooth grain beetles, warehouse beetles, cigarette beetles, and Dermestid beetles). Cockroaches and bedbugs exposed to the GENTROL® IGR will become adults incapable of reproducing. GENTROL also disrupts the normal life cycle of stored product pests, drain and fruit flies, and fleas; thus killing these insects during the pupal stage. In both cases, the cycle of an infestation ends. Use Zoecon RF-259 Emulsifiable Concentrate in apartment buildings, bakeries, bottling facilities, breweries, boiler rooms, cafeterias, candy plants, grocery stores, day care centers, hospitals, residential homes, hotel/motels, office buildings, kitchens, laboratories, cereal processing facilities, manufacturing plants, mausoleums, meat and produce canneries, nursing homes, restaurants, schools, locker rooms, stores, taverns, warehouses, as well as various modes of transportation such as aircraft, buses, trucks, trailers, rail cars, and marine vessels.



Use Zoecon RF-259 as a general surface spray, fogging, spot, or crack and crevice application.

Prior to using in commercial or residential (household) food areas, please refer to the Food Handling Establishment Applications section of the label. The preparations prior to treatment and the clean up after application described therein are also to be followed for residential (household) use.

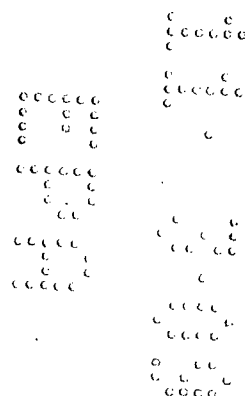
**INSTRUCTIONS FOR USE:** Mix Zoecon RF-259 Emulsifiable Concentrate with [water][diluent] and apply with spray or hand application equipment, such as hand-pressurized or power-operated sprayers capable of delivering general surface spray, fogging (space spray/mist), spot, crack and crevice spray applications, or with a paint brush, roller, or similar device.

**DILUTION PREPARATION:** For surface spray/paint brush, spot and crack and crevice preparations: Use 1 ounce {one bottle}{depress the metered actuator once} of Zoecon RF-259 Emulsifiable Concentrate to one gallon of water [diluent]. Partially fill the mixing container with water [diluent], add the Zoecon RF-259 Emulsifiable Concentrate, shake or stir, and fill to final volume. Use diluted solution within 48 hours of mixing. Shake or stir before each use. For fogging preparation: follow equipment manufacturer's instructions.

**TANK MIXING:** Zoecon RF-259 Emulsifiable Concentrate may be tank mixed with ZOECON CATALYST® Insecticide or another adulticide currently registered for use, unless the product label prohibits such use. Use the resulting tank mixture in accordance with the more restrictive label limitations and precautions.

**GENERAL SURFACE APPLICATION:** Apply the Zoecon RF-259 Emulsifiable Concentrate dilution at a rate of one gallon per 1500 sq ft of surface area. Use spray/application equipment capable of delivering a variable spray or coating to uniformly apply the solution. Apply to areas such as walls, floors, ceilings, attics, basements, or crawlspaces. NOTE: Prior to treating around air ducts, shut off ventilation system. Allow treatment to dry prior to turning on ventilation system.

**FOGGING (SPACE SPRAY/MIST) APPLICATION:** Apply Zoecon RF-259 Emulsifiable Concentrate as a fog or an ultra-low volume (ULV) mist with equipment such as ULV, mechanical misting sprayers, aerosol generators, or thermal foggers to achieve uniform coverage. Follow equipment manufacturer's instructions. Apply at a rate of 1 ounce Zoecon RF-259 Emulsifiable Concentrate per 12,000 cu ft. Zoecon RF-259 Emulsifiable Concentrate may be tank mixed with adulticides labeled for fogging. Follow the directions of the more restrictive label when tank mixing. Use water or oil as a diluent, depending on the type of equipment used. Fogging applications are best for larger facilities including warehouses (Refer to Warehouses section below). Close room or warehouse and shut off all ventilation systems. Apply the product in the air and direct mist toward all areas that may harbor target pests. After treatment, leave the room closed for 30 minutes {or longer as recommended by the equipment manufacturer or the labels of other products applied in tank mixing}. Do not remain in treated area; ventilate before reentry.



**SPOT AND CRACK AND CREVICE APPLICATIONS:** Apply Zoecon RF-259 Emulsifiable Concentrate diluted spray solution using either a pressurized spray system capable of delivering a pinpoint or variable spray pattern or a device capable of coating evenly. Make crack and crevice applications directly to areas such as crevices, baseboards, floors, ceilings, or walls. Make spot treatments to areas such as storage areas, closets, around water pipes, doors, windows, and behind and under appliances/equipment, furniture and beds.

**To treat bedbugs,** apply to harborage points mentioned above; in addition, under beds, bottom side of box springs (do not treat linens and mattresses), under and behind night stands, to points where carpet and wall meet, cracks in cove base, molding, and other areas where bedbugs harborage. Retreat at 14 days for heavy infestations.

**WAREHOUSES (Non-Food):** Apply Zoecon RF-259 Emulsifiable Concentrate as a general surface, fogging, spot, or crack and crevice treatment in non-food storage warehouses. Apply to all areas that may harbor pests, including under and between pallets.

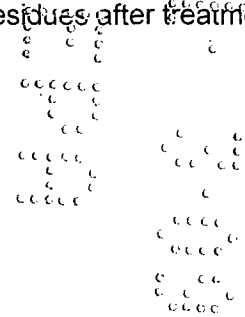
**FOOD HANDLING ESTABLISHMENT APPLICATIONS:** Apply Zoecon RF-259 Emulsifiable Concentrate as a general surface, fogging {space spraying}, spot, or crack and crevice treatment in both food and non-food areas of Food Handling Establishments. These establishments are defined as places other than private residences where exposed food is held, prepared, processed, or served. It also includes areas where food items are received, prepared, packaged, and stored, as well as enclosed food processing systems (mills, dairies, etc).

**SPOT AND CRACK AND CREVICE APPLICATIONS:** Prior to application, remove or cover all food items in area to be treated. Do not apply directly to food or food-handling surfaces.

**For control of drain flies, fruit flies:** Apply Zoecon RF-259 Emulsifiable Concentrate to areas of fly breeding. For drains, apply product into and around the downspout and catch basin area. Coat these areas thoroughly as fly larva develop in the scum buildup on the sides of drain pipes. Repeat applications at 2 to 4 week intervals depending upon the severity of infestation.

**Alternate Directions for Foam Application:** Refer to the Dilution Preparation section of this label for appropriate dilution rate for Zoecon RF-259 Emulsifiable Concentrate. To convert Zoecon RF-259 Emulsifiable Concentrate dilution to a foam, add foaming agent at manufacturer's rate. For best results, use the higher amount of the foaming agent rate range. Follow the requirements of the foam equipment manufacturer.

**SURFACE SPRAY APPLICATION:** (Do not apply directly to food products).  
General Area Treatments - Prior to application, remove or cover all food items. Also, cover all food contact surfaces (i.e., equipment, benches, shelves - areas where exposed food may be handled, held, prepared, processed, or served). If left uncovered, these areas must be thoroughly cleaned by a method capable of removing chemical residues after treatment. Partial area treatments - Zoecon RF-259 Emulsifiable Concentrate can be applied to partial areas of food handling establishments in cases of small or localized infestations. For partial area treatments, a perimeter of at least 6 feet must be established {6 feet in all directions from the treated area}, where all food handling surfaces are either covered at the time of treatment, or thoroughly cleaned by a method effective in removing chemical residues after treatment.



**PANTRY/CABINETS, SMALL FOOD STORAGE AREAS:** Apply as a surface spray, crack and crevice spray, or spot treatment to pantry and cupboard shelves or other areas where food is stored. Prior to spraying, remove all food containers and foodstuffs. Do not replace food containers or foodstuffs until spray has dried. Do not store food in open containers in treated pantries. Destroy any infested food packages to ensure proper control.

**FOGGING (SPACE SPRAY/MIST) APPLICATION:** Prior to application, remove or cover all food items. Also, cover all food contact surfaces (i.e.; equipment, benches, shelves - areas where exposed food may be handled, held, prepared, processed, or served). If left uncovered, these areas must be thoroughly cleaned by a method capable of removing chemical residues after treatment.

**WAREHOUSES (Food):** Apply Zoecon RF-259 Emulsifiable Concentrate as a general surface, fogging {space spraying}, spot, or crack and crevice treatment in warehouses where packaged food items are stored in such a way that direct contact with the foodstuff is not anticipated.

**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 may be disposed of on site or at an approved waste disposal facility.

**Container Handling:** Nonrefillable container. Do not reuse or refill empty container. 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. Then offer for recycling, if available 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, call {phone number} or visit our Web site: {URL}.  
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Schaumburg, IL 60173  
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