

2724-451

08/25/2004

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95 1/10

Please read instructions on reverse before completing form.



United States
Environmental Protection Agency
Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number Wellmark International/2724-451	2. EPA Product Manager Sheryl Reilly	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Wellmark International/Altosid Granules (Zoecon 9010 GR)	PM # Biopesticides	
5. Name and Address of Applicant / Registrant (Include ZIP Code) Wellmark International 1100 East Woodfield Road, Suite 500 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: NOTIFICATION EPA Reg. No _____ Product Name _____ Date Reviewed: <u>8/25/04</u> Reviewed By: <u>Cpollard</u>	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<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.

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

Notification of alternate commercial brand name: Zoecon Altosid Pro-G Insect Growth Regulator & add approved (4/8/04) 30 day control text (on consumer sublabel) to commercial sublabel. This notification is consistent with the provisions of PR Notice 98-10 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 98-10 & 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action & penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will be Packaged In:				2. Type of Container	
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		<input checked="" type="checkbox"/> Metal	
	If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Unit Packaging wgt.	<input type="checkbox"/> Plastic	
				<input type="checkbox"/> Glass	
				<input checked="" type="checkbox"/> Paper	
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information Label <input type="checkbox"/> Container <input checked="" type="checkbox"/>		4. Size(s) Retail Container 60 g, 1/1.5/2.5/40/1000 lb		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input checked="" 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 checked="" type="checkbox"/> Other printed on cardboard/foil, paper insert		

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 Regulatory 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 may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature <i>Nancy Huebl</i>	3. Title Regulatory Specialist	
4. Typed Name Nancy Huebl	5. Date May 24, 2004	

Wellmark

May 24, 2004

Document Processing Desk (NOTIF)
Office of Pesticide Programs 7504C
U.S. Environmental Protection Agency
Room 266A Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, Virginia 22202

ATTENTION: S. Reilly

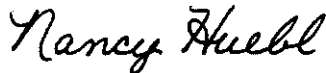
SUBJECT: PER PRN 98-10/NOTIFICATION OF ALTERNATE BRAND NAME §II.A/
ADD APPROVED 30 DAY CONTROL TEXT TO COMMERCIAL SUBLABEL §II.M.2
FOR ALTOSID® GRANULES (ZOECON® 9010 GR)/EPA REG. NO. 2724-451

Dear Ms. Reilly:

Enclosed is a completed EPA Form 8570-1 and 1 copy of revised labeling for the above product. New text is highlighted in red. This label is a "Master" label consisting of 2 sublabels: a commercial version followed by a consumer version. On April 8, 2004, a revised Master label was approved adding claims/Directions for Use to extend the residual mosquito larvicide efficacy claim from 21 to 30 days on the Consumer sublabel only. This label revision reflects the addition of the already approved text from the consumer sublabel to the commercial sublabel (see attached 4/8/04 copy of EPA approved consumer sublabel highlighting approved text). It is important to note that we are adding only already approved language to a sublabel consistent with PRN 98-10 §II.M.2. This is also notification of the following alternate brand name (PRN 98-10, §II.A) for the commercial sublabel: ZOECON® Altosid® Pro-G Insect Growth Regulator. I have enclosed a self-addressed postcard for notification confirmation.

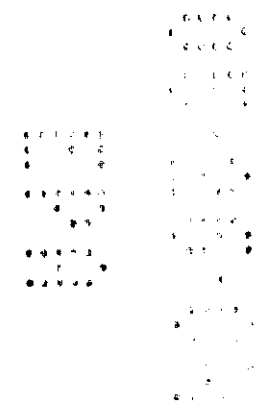
If you have any questions please, call me directly at 847/330-5376 or contact me via email at nancy.huebl@wellmarkint.com. Thank you for your assistance in this matter.

Yours sincerely,
WELLMARK INTERNATIONAL



Nancy Huebl
Regulatory Specialist

enclosure



(Commercial version) Single-Panel-Label
[Indicates optional text]

Zoecon 9010 GR

Alternate brand names: Pre-Strike™
ZOËCON® Altosid® PRO-G Insect Growth Regulator

AN INSECT GROWTH REGULATOR [EXTENDED RESIDUAL GRANULAR PRODUCT] TO PREVENT ADULT MOSQUITO EMERGENCE (including those mosquitoes which may transmit West Nile Virus)/MIDGE EMERGENCE

Mosquito Larvicide

Prevents mosquitoes from becoming breeding, biting adults

21 [30] day Protection

Easy to Apply Granules

Treats over 13,000 sq. ft. (1.5 lb container)

[teaspoon/tablespoon/cup] treats # gallons of water (per application rate table)

(30 day protection)

2.5 lb container - [Treats up to 5,455 square feet or 20,183 gallons of water]

ACTIVE INGREDIENT: (S)-Methoprene (CAS #65733-16-6)	1.5%
OTHER INGREDIENTS:	<u>98.5%</u>
Total	100.0%

KEEP OUT OF REACH OF CHILDREN
CAUTION

See [back panel for] additional Precautionary Statements
(For optional smaller container size with wrap-around label)

EPA Reg. No. 2724-451

EPA Est. No.

Lot No.

Net Weight:

[This container is sold by weight not volume]

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION: Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with eyes or skin. Due to the size and abrasiveness of the granule, use protective eyewear and clothing to minimize exposure during loading and handling. Wash thoroughly with soap and water after handling.

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 eye.
If on skin or clothing	<ul style="list-style-type: none"> ▪ 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. 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-XXX-XXXX for emergency medical treatment information.	

ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of rinsate or equipment washwaters.

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

GENERAL DIRECTIONS: **Zoecon 9010 GR** [product name] releases effective levels of **ALTOSID®** insect growth regulator for up to 21 [30] days after application. Applications should be continued throughout the entire season to maintain adequate control. Treated larvae continue to develop normally to the pupal stage where they die.

[Rotary and fixed-wing aircraft equipped with granular spreaders capable of applying rates listed below may be used to apply **Zoecon 9010 GR**. Ground equipment which will achieve even coverage at these rates may also be used.]

Apply **Zoecon 9010 GR** [product name] uniformly and repeat application as necessary.

[Optional directions for 1.5/2.5 lb shaker container: Measure and then sprinkle the appropriate amount of **Zoecon 9010 GR** [product name] evenly over the surface of the water to be treated in order to control mosquitoes before they become breeding, biting adults. Measure the surface area of the water and follow the table below for the appropriate amount of product to use. Emptying or discarding small containers that are holding water will ensure the best results. In instances where small containers cannot be emptied or discarded and for locations such as flower pots, old tires, urns, etc. use approximately 20 [80 (30 days)] granules for every gallon of water.

APPLICATION RATES: (21 Day Control)		
Amount of Product	Treatment Area (surface area - less than 2 ft deep of water)	Treatment Volume in Gallons of Water (approximate)
1 cup	7,154 sq. ft.	26,470
¼ cup	1,788 sq. ft.	6,615
1 tbs.	576 sq. ft.	2,131
½ tbs.	288 sq. ft.	1,065
1 tsp.	211 sq. ft.	780
½ tsp.	105 sq. ft.	388
¼ tsp.	53 sq. ft.	196

Do not use food utensils such as tablespoons or measuring cups for food purposes after use with insecticides.]

(Optional table for 30 day control – 2.5 lb container)

APPLICATION RATES: (30 Day Control)		
Amount of Product	Treatment Area (surface area - less than 2 ft deep of water)	Treatment Volume in Gallons of Water (approximate)
1 cup	2,400 sq. ft.	9,600
¼ cup	600 sq. ft.	2,400
1 tbs.	150 sq. ft.	600
½ tbs.	75 sq. ft.	300
1 tsp.	50 sq. ft.	200
½ tsp.	25 sq. ft.	100
¼ tsp.	13 sq. ft.	50

Do not use food utensils such as tablespoons or measuring cups for food purposes after use with insecticides.]

NOTE: **ALTOSID** insect growth regulator has no effect on mosquitoes/midges which have reached the pupal or adult stage prior to treatment.

APPLICATION TIME: Apply **Zoecon 9010 GR** [product name] at any stage of larval mosquito/midge development. Granules may be applied prior to flooding (i.e., "pre-hatch" or "pre-flood") in areas which flood intermittently. In such areas, one application of **Zoecon 9010 GR** [product name] can prevent adult mosquito/midge emergence from several subsequent floodings. The actual length of control depends on the duration and frequency of flooding events.

APPLICATION RATES: *Aedes, Anopheles* and *Psorophora* spp.: Apply **Zoecon 9010 GR** at 5 - 10 lb/acre (5.6 - 11.2 kg/ha). *Culex, Culiseta, Coquillettidia, Mansonia* spp., and *Chironomini* (midges). Apply **Zoecon 9010 GR** at 10 - 20 lb/acre (11.2 - 22.4 kg/ha). Within these ranges, use lower rates when water is shallow [< 2 feet (60 cm)] and vegetation and/or pollution are minimal. Use higher rates for midges or when water is deep [≥ 2 feet (60 cm)] and vegetation and/or pollution are heavy.

APPLICATION SITES:

Non-Crop Areas: **Zoecon 9010 GR** may be applied as directed above to temporary and permanent sites which support mosquito/midge larval development. Examples of such sites include: snow pools, salt and tidal marshes, freshwater swamps and marshes (cattail, red cedar, white maple marshes), woodland pools and meadows, dredging spoil sites, drainage areas, ditches, wastewater treatment facilities, livestock runoff lagoons, retention ponds, harvested timber stacks, swales, storm water drainage areas, sewers, catch basins, tree holes, animal [horse] watering troughs, water-holding receptacles (e.g., tires, urns, flower pots, cans, and other containers), and other natural and manmade water-holding depressions.

Crop Areas: Zoecon 9010 GR may be applied as directed above to temporary and permanent sites which support mosquito/midge larval development. Examples of such sites include: irrigated croplands, pastures, rangeland, vineyards, rice fields (domestic and wild), date palm, citrus, fruit, nut orchards, berry fields and bogs.

NOTE: Application of Zoecon 9010 GR to sites subject to water flow or exchange will diminish the product's effectiveness and may require higher application rates and/or more frequent applications.

STORAGE AND DISPOSAL: Do not contaminate water, food or feed by storage or disposal. **Pesticide Storage:** Store closed containers of Zoecon 9010 GR in a cool dry place. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Pesticide Container Disposal [Plastic Container: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.] (Paper/Plastic Bags):** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. **(For 1,000 lb - plastic bags):** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill. **[(For small 1.5/2.5 lb Plastic Shaker Container)** Do not reuse this container. Place in trash or offer for recycling if available.]

For information, call [phone number] or visit our Web site: [URL]

WARRANTY AND CONDITIONS OF SALE: Seller makes no warranty, expressed or implied, concerning the use and handling of this product other than indicated on the label. Buyer assumes all risks of use and handling of this material when such use and handling are contrary to label instructions.

ALTOSID® Insect Growth Regulator and ZOECON® are registered trademarks of Wellmark International.

Wellmark International
1100 East Woodfield Road Suite 500
Schaumburg IL 60173

Made in USA

(Consumer label) (Front Panel)

Zoecon 9010 GR

Alternate Brand Names: ZODIAC® Preventative Mosquito Control

ZODIAC® Pre-Strike™

Pre-Strike™

VET-KEM® Mosquito Larvicide Granules Siphotrol®

AN INSECT GROWTH REGULATOR [EXTENDED RESIDUAL GRANULAR PRODUCT] TO PREVENT ADULT MOSQUITO EMERGENCE (including those mosquitoes which may transmit West Nile virus)[and heartworm disease]

Biochemical mosquito control

Prevents the development of adult mosquitoes

Kills developing mosquito larvae [pupae]

Prevents developing mosquitoes [mosquito larvae] from becoming breeding, biting adults

Kills mosquito[s] [larvae] in [stagnant] standing water [before they are able to bite][where they breed]Apply to standing [stagnant] water in your yard

Kills mosquitoes before they become breeding, biting adults

Prevents mosquitoes from developing into adults

Kills pupae before adult mosquitoes can emerge

Kills pupae so adult mosquitoes can't emerge

Prevents emergence of breeding, biting adult mosquitoes

Effective [protects] for up to [21][30] days

Prevents future mosquito populations

Concentrated formula ([just] [20][80 (30 day claim)]) granules treat [just] 1 gallon of water)

Kills mosquitoes before they hatch including those which may transmit West Nile virus [and heartworm disease]

[Use in][Treat] standing water [to prevent mosquitoes][where mosquitoes breed]

For use in all water-holding receptacles where mosquitoes may breed including water gardens [and animal [horse] watering troughs]

Use in any containerized water where mosquitoes may breed

]21][30] day protection

Easy to apply [use] granules Convenient shaker top can

[Just] Place/Sprinkle in [standing water, water gardens, ornamental fountains, animal [horse] water troughs, birdbaths, old tires, flower pots, tree holes, pool covers, urns, rain barrels, roof gutters, abandoned swimming pools] where mosquitoes breed

[teaspoon/tablespoon/cup] treats # gallons of water (per application rate table)

[Square feet 21 day claims]

[1 lb treats up to 8,712 sq ft]

[12 oz container – Treats up to 1,635 sq ft]

[Square feet 30 day claims]

3 individual pouches [Treats up to 300 sq ft][Each pouch treats 100 sq ft or 400 gallons of water]

[14 oz – Treats up to 1,908 sq ft]

[Concentrated formula] (1 lb. treats up to 2,182 sq ft or 8, 073 gallons of water)

ACTIVE INGREDIENT: (S)-Methoprene (CAS #65733-16-6)	1.5%
OTHER INGREDIENTS:	<u>98.5%</u>
Total	100.0%

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See additional Precautionary Statements (wrap-around label)

EPA Reg. No. 2724-451

EPA Est. No.

Lot No.

Net Weight: [This container is sold by weight not volume]

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION: Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with eyes or skin. Due to the size and abrasiveness of the granule, use protective eyewear and clothing to minimize exposure during application. Wash thoroughly with soap and water after handling.

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 eye.
If on skin or clothing	<ul style="list-style-type: none"> ▪ 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. 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-XXX-XXXX for emergency medical treatment information.	

ENVIRONMENTAL HAZARDS

Do not apply to waters that drain into public waterways.

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

GENERAL DIRECTIONS: Zoecon 9010 GR [product name] contains (S)-Methoprene insect growth regulator which controls mosquitoes before they can become adults for up to 21 [30] days after application.

Measure and then sprinkle the appropriate amount of **Zoecon 9010 GR** [product name] evenly over the surface of the water to be treated in order to control mosquitoes before they become breeding, biting adults. Measure the surface area of the water and follow the table below for the appropriate amount of product to use. Emptying or discarding small containers that are holding water will ensure the best results. In instances where small containers cannot be emptied or discarded and for locations such as flower pots, old tires, urns, etc. use approximately [20][80 (30 days)] granules for every gallon of water.

Begin treating when adult mosquitoes are first noted in the spring and continue applications throughout the mosquito season, which is typically up to the first frost. After treatment, you may notice that there will still be live larvae in the water. Treated larvae will continue to develop normally to the pupal stage where they die.

NOTE: S-Methoprene insect growth regulator has no effect on mosquitoes which have already reached the pupal or adult stage prior to treatment.

APPLICATION RATES:				
Amount of Product	21 DAY PROTECTION [CONTROL]		30 DAY PROTECTION [CONTROL]	
	Treatment Area (surface area - less than 2 ft deep of water)	Treatment Volume in Gallons of Water (approximate)	Treatment Area (surface area - less than 2 ft deep of water)	Treatment Volume in Gallons of Water (approximate)
1 cup	7,154 sq.ft.	26,470	--	--
¼ cup	1,788 sq. ft.	6,615	--	--
1 tbs.	576 sq. ft.	2,131	150 sq.ft.	600
½ tbs.	288 sq. ft.	1,065	75 sq.ft.	300
1 tsp.	211 sq. ft.	780	50 sq.ft.	200
½ tsp.	105 sq. ft.	388	25 sq.ft.	100
¼ tsp.	53 sq. ft.	196	13 sq.ft.	50

Do not use food utensils such as tablespoons or measuring cups for food purposes after use with insecticides.

[Optional table for pouch containers]

APPLICATION RATES		
Amount of Product	30 DAY PROTECTION [CONTROL]	
	Treatment Area (surface area - less than 2 ft deep of water)	Treatment Volume in Gallons of Water (approximate)
1 Pouch	100 sq. ft.	400 gallons
2 Pouches	200 sq. ft.	800 gallons
3 Pouches	300 sq. ft.	1,200 gallons

APPLICATION SITES:

Zoecon 9010 GR [product name] may be applied as directed above to temporary and permanent sites which support mosquito larval development. Examples of such sites include: tree holes, animal [horse] watering troughs, water-holding receptacles (e.g., old tires, urns, flower pots, cans, and other containers), water gardens, and other manmade water-holding depressions.

STORAGE AND DISPOSAL: **Pesticide Storage:** Store closed containers of **Zoecon 9010 GR** [product name] in a cool dry place. **Pesticide Container Disposal: If Empty:** Do not reuse this container. Place in trash or offer for recycling if available. **If Partially Filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

WARRANTY AND CONDITIONS OF SALE: Seller makes no warranty, expressed or implied, concerning the use and handling of this product other than indicated on the label. Buyer assumes all risks of use and handling of this material when such use and handling are contrary to label instructions.

For information, call [phone number] or visit our Web site: [URL]

VET-KEM®, Siphotro®, ZODIAC® Pre-Strike™ and ZOECON® are trademarks of Wellmark International.

Wellmark International
1100 East Woodfield Road Suite 500
Schaumburg IL 60173

Made in USA

(Back panel marketing text

Mosquitoes are not only a nuisance; they can transmit diseases that are a serious health threat to people and pets. With just one bite, mosquitoes can transmit West Nile Virus and other viruses that cause encephalitis. They can also transmit heartworm disease to dogs and cats.

[Product name] kills developing mosquitoes before they become breeding, biting adults. It is easy to use; simply measure, then sprinkle the granules in areas [of stagnant][standing][water] where mosquitoes may breed (nothing to mix or spray). **[Product name]** granules offer long-lasting mosquito control for up to [21][30] days. When used as directed, **[Product name]** will not adversely affect [harm] humans, animals, fish, or vegetation.

TREATMENT AREAS:

- Bird Baths
- Old Tires
- Flower Pots
- Tree Holes
- Water Gardens
- Pool Covers
- Urns
- Rain Barrels
- Roof Gutters
- Ornamental Fountains
- Abandoned Swimming Pools
- Animal [Horse] Watering Troughs
- Other Water-Holding Receptacles

