

2724-462

06/27/2013

1/7

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460-0001



OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

6-27-13

Mr. James McFadden  
Wellmark International  
1501 East Woodfield Road, Suite 200 West  
Schaumburg, IL 60173

Subject: Amended Reregistration Label  
Product Name: Zoecon RF-307 Pump Spray  
EPA Registration Number: 2724-462  
EPA Decision Number(s): 412324

Dear Mr. McFadden:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the above referenced product in connection with the Pyrethrins RED(s), and has concluded that your submission is acceptable.

NOTE: This product is **not** being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated [January 4, 2011]

A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

If you have any questions about this letter, please contact Dani Daniel at (703)305-5409 or via e-mail at [daniel.dani@epa.gov](mailto:daniel.dani@epa.gov)

Sincerely,



Richard J. Gebken  
Product Manager (10)  
Insecticide Branch  
Registration Division (7504P)

*Enclosures: Label stamped "Accepted," dated 6/27/13  
Acute Toxicity Review, dated (September 30, 2010)  
Product Chemistry Review, dated (October 2, 2012)*

[ ] Indicates optional statement

**ZOECON RF 9307 PUMP SPRAY**

**Alternate Brand Names: ZODIAC® Flea & Tick Repellent for Puppies**

**PreStrike™ Bot Fly & Mosquito Repellent for Horses & Ponies**

**For dogs, puppies, cats kittens, horses, ponies**

Kills fleas

Egg stop formula

Kills fleas [dead] plus their hatching eggs [for up to 28 days][on your dog]

Kills flea eggs [before they hatch] Kills eggs for up to 28 days

[Effectively] breaks the flea life cycle

Keeps [Working to keep] flea eggs from hatching for 28 days [4 weeks][1 month]

[with][Contains][PRECOR®][vIGRen®] Insect Growth Regulator] plus pyrethrins, an adulticide

[Controls] Kills [and repels] fleas [and ticks][including those that may carry Lyme disease][on dogs]

Kills and Repels: Fleas, ticks, [face][bot] flies, mosquitoes [including those which may transmit West Nile virus] and gnats

Kills adult and pre-adult fleas (eggs)

[Step 1 - On Pet]

Prevents hatching fleas from becoming full grown [fleas]

No need to pump, sprays in any position, even upside down Spray every 3 to 5 days

One treatment works for 28 days [4 weeks][1 month] to keep flea eggs from hatching

Reduces bot infestation by killing botfly eggs

Kills bot fly eggs Prevents botfly eggs from hatching

Botfly eggs and flea eggs sprayed with [Zoecon 9307] will not hatch into adults

[RF 9610] cosmetic-grade solvent formulation]

[Rapid action][quick acting][fast acting] formula

Quickly kills [repels] [expels] adult fleas plus kills their hatching eggs for up to 28 days [4 weeks][1 month] on your dog

[puppy, cat, kitten, horse, pony]

Strong flea repellent action that you can see

One [single] treatment works for 28 days [4 weeks][1 month] to keep flea eggs from hatching

Kills flea eggs for 28 days to prevent reinfestation

Provides 28 days [4 weeks][1 month] protection against fleas

28 days [4 weeks][1 month] protection Protects for 28 days [4 weeks][1 month]

Stops flea egg development, preventing further infestations for up to 28 days [4 weeks][1 month]

Rapidly rids your animal of pesky biting fleas and ticks for up to 28 days [4 weeks][1 month]

Kills fleas and ticks for up to 28 days [4 weeks][1 month] reducing itching and scratching

Pleasant [name of scent] scent

[Front or back panel]

**ACTIVE INGREDIENTS:**

(S)-Methoprene (CAS #65733-16-6).....0.10%

Pyrethrins (CAS #8003-34-7) .....0.20%

Piperonyl butoxide (CAS #51-03-6)\* .....0.46%

N-octyl bicycloheptene dicarboximide (CAS #113-48-4).....0.62%

**OTHER INGREDIENTS:** .....98.62%

Total 100.00%

\* (butyl carbityl)(6-propylpiperonyl) ether and related compounds

**KEEP OUT OF REACH OF CHILDREN**

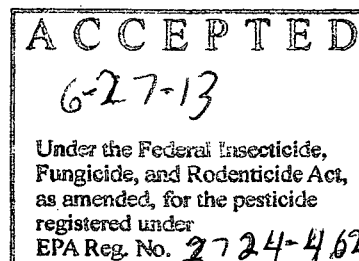
**CAUTION**

See back panel for additional Precautionary Statements

EPA Reg. No. 2724-462

EPA Est. No.

Net Contents:



**READ ENTIRE LABEL BEFORE EACH USE  
USE ONLY ON [DOGS][PUPPIES][CATS][KITTENS][HORSES][PONIES]**

**HOW ZOECON RF 9307 Pump Spray WORKS [FOR BOT FLY CONTROL]:**

[Zoecon RF 9307 Pump Spray combines the adult flea killing power of pyrethrins with the long-lasting egg-killing power of PRECOR® [vIGRen®] Insect Growth Regulator. This highly effective combination of ingredients provides quick relief from biting fleas and continuous killing of flea eggs laid on the animal, breaking the flea life cycle. The elimination of both adult fleas and flea eggs is important because adult fleas live on your pet, causing discomfort and skin irritation, while the vast number of eggs that they lay fall off and develop in your house. If fleas are already developing in your house, then also use {premise and yard products}. Effective flea control requires treatment of your pets, house, and yard.]

[Zoecon RF 9307 Pump Spray contains PRECOR® [vIGRen®] Insect Growth Regulator which effectively kills botfly eggs that have been glued to the hairs on the forelegs, shoulders, and faces of horses by adult botflies (*Gastrophilus* spp.). If left untreated, botfly larvae emerge from these eggs and are taken into the mouth of the horse. After botfly larvae are swallowed they attach to the stomach and small intestinal linings in tremendous numbers where they can remain for months before passing out in the feces. Adult botflies emerge from pupae in the soil to begin the cycle all over again. Botflies have been implicated as a cause of some stomach and intestinal conditions in horses.]

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

**SHAKE WELL BEFORE USING.**

**User Restrictions:**

Do not apply more than one time per day.

**Use Restrictions:**

Do not apply to pets less than 12 weeks old.

Consult a veterinarian before using this product on debilitated, aged, pregnant, nursing or medicated animals. Sensitivities may occur after using ANY pesticide product for pets [animal]. If signs of sensitivity occur bathe your pet [animal] with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately.

The maximum application rate for this product is once per week, applied at a rate of 0.13 fl oz per lb of body weight.

Dose is about 1 fl oz per 100 lb animal body weight. In all cases, apply spray until coat is damp, not saturated. Do not apply more than one time per day (horse use).

**FOR DOGS/CATS:**

**For Fleas, Ticks, and Flea Eggs:** A light, even coverage of the hair coat will provide effective flea control.

Do not allow spray from application or damp animal to come into contact with painted or finished surfaces, including wood floors/furniture, leather/vinyl materials, or other surfaces of concern.

1. For best results, ruffle the coat while spraying against the natural lay of the hair. Cover pet's eyes with hand. With a firm, fast stroke, spray head, ears, and chest. If you see a tick, spray it directly.
2. With cloth, rub on face around mouth, nose, and eyes. Then spray the neck, middle and hind quarters, finishing with legs and tail last. Avoid spraying rectum and genitals.
3. For all pets, spray until damp, not saturated. Do not allow pets to become chilled.
4. If your pet becomes reinfested with adult fleas or ticks from outside sources, [ZOECON® 9307 Pump Spray] may be reapplied one week after the initial application. Repeat every month for continuous home flea infestation prevention.

**Directed dosage:** Note that the directed dose is about 4 squeezes of the trigger sprayer [0.13 fluid ounce] per pound of body weight. Short-haired pets will need less; more spray may be needed for long-haired pets. In all cases, apply spray until the coat is damp, not saturated.

**For Mosquitoes:** Apply as directed for fleas. For continuous protection against mosquitoes, reapply [Brand name] once weekly.

**FOR PUPPIES/KITTENS:**

**For Fleas, Ticks, and Flea Eggs** A light, even coverage of the hair coat will provide effective flea control. Do not allow spray from application or damp animal to come into contact with painted or finished surfaces, including wood floors/furniture, leather/vinyl materials, or other surfaces of concern. Leaving the eyes, nose, and mouth exposed, treat puppies/kittens weighing less than 3 lbs. by wrapping the animal in a towel which has been lightly sprayed with [Brand name]. Keep the animal wrapped for 5 to 10 minutes. Or lightly spray a brush or cotton ball and work thoroughly into the hair coat. Adult fleas may then be removed from the coat by picking or combing. Puppies/kittens over 3 lbs. may be treated the same as dogs/cats with [1 to 2 squeezes of the trigger sprayer][3 to 4 squeezes of the trigger sprayer][0.13 ounce] per pound of body weight. Reapply every 28 days [1 month], for continuous home flea infestation prevention. For continuous protection against adult fleas, or if your pet becomes reinfested with adult fleas from outside sources, reapply [Brand name] once weekly. Do not allow animal to become chilled.

**[FOR HORSES AND PONIES:]**

**[For Mosquitoes, [Bot][Face] Flies, Gnats and Botfly Eggs:** Remove excess dirt and dust by brushing the coat. Apply the spray once weekly directly to the horse's/pony's coat, paying particular attention to the legs, shoulders, flanks, neck and topline. Spray to the point of dampness, but not to the point of runoff. To treat the face, dampen a cloth with the spray and rub on the face and head, being careful to avoid the eyes. For a high degree of mosquito, fly, gnat, and botfly egg control, spray animals every 3 to 5 days. Do not use on horses destined for slaughter.]

**STORAGE and DISPOSAL:** **Storage:** Do not store near heat or open flame. Store away from children and animals. **Disposal:** Nonrefillable container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION:** Causes moderate eye irritation.

Do not get in eyes or on clothing. Harmful if inhaled. Avoid breathing vapor or spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

<b>FIRST AID</b>	
Call a poison control center or doctor immediately for treatment advice.	
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 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 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-[phone number] for emergency medical treatment information.	

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

**ENVIRONMENTAL HAZARDS:**

This pesticide is toxic to aquatic organisms, including fish and invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

**PHYSICAL HAZARDS:** Combustible. Do not use or store near heat or open flame.

**WARRANTY AND CONDITIONS OF SALE:**

Seller warrants that this product conforms to the chemical specifications expressed on the label. To the extent consistent with applicable law, Seller makes no other warranties, and disclaims all other warranties, express or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, seller's liability for default, breach or failure under this label shall be limited to the amount of the purchase price. To the extent consistent with applicable law, Seller shall have no liability for consequential damages.

[Satisfaction Guaranteed or your money back]

[If not completely satisfied with this product, return it to place of purchase with your receipt for a full refund.]

In case of emergency or for product use information, call [phone number] or visit our Web site: [URL].

For [more] information [about Brand name products] or in case of emergency, call 1-XXX-XXX-XXXX [weekdays from][time].

PRECOR® and vIGRen® Insect Growth Regulator, and ZODIAC® are registered trademarks of Wellmark International.

Wellmark International  
1501 East Woodfield Road 200W  
Schaumburg, Illinois 60173  
[URL]  
Made in USA