



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

February 28, 2025

Noelle Sanfilippo
Regulatory Affairs Specialist
Wellmark International
1501 East Woodfield Road, 200W
Schaumburg, Illinois 60173

Subject: Label Amendment - Registration Review Mitigation for Etofenprox
Product Name: RF2129 EC
EPA Registration Number: 2724-804
Application Date: May 6, 2024
Decision Number: 595772

Dear Noelle Sanfilippo:

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Etofenprox Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. You must submit one copy of the final printed labeling before you release the product for

shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact DeMariah Koger by phone at (202)-566-2288 or via email at koger.demariah@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Linda Arrington', with a stylized flourish at the end.

Linda Arrington, Branch Chief
Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division
Office of Pesticide Programs

ENCLOSURE: Stamped label

{ } indicates optional statements

ETOFENPROX	GROUP	3A	INSECTICIDE
------------	-------	----	-------------

RF2129 EC

Alternate brand name: Zoëcon® Zenprox™ EC

Alternate brand name: Phor-Ex™

For use in controlling pests inside Non-Food/ Non Feed Areas of Residential, Non-Commercial and Commercial Buildings, Industrial Buildings, Storage Facilities and Transport Containers.

Controls target pests in residential and commercial structures

Intended for use by pest management professionals

Broad spectrum pest control including Fleas, Ants, Bed Bugs, Cockroaches, stink bugs, and many other tough to control pests

Labeled for indoor use in the non-food/feed areas of residential & commercial settings

[Controls adult fleas for up to [28 days][1month][4 weeks]

Aids in preventing Bed Bug egg hatch and kills newly hatched Bed Bug nymphs

Non-staining formula

Powered by PBO

Dual active controlling power

Highly effective

ACTIVE INGREDIENTS:

Etofenprox (CAS #80844-07-1).....16.2%

Piperonyl butoxide* (CAS #51-03-6)64.8%

OTHER INGREDIENTS:19.0%

TOTAL:100.0%

* (Butylcarbityl)(6-propylpiperonyl) ether and related compounds

This formulation contains 1.4 lbs of etofenprox and 5.6 lbs of piperonyl butoxide per gallon. End use dilution is 0.25% Etofenprox.

KEEP OUT OF REACH OF CHILDREN

CAUTION

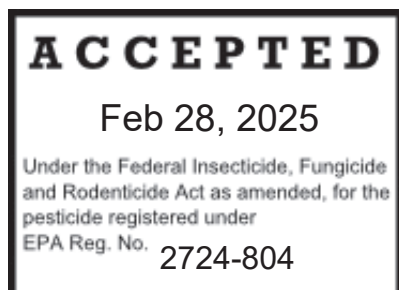
See side panel for additional Precautionary Statements,

{See outer container for additional Precautionary Statements, First Aid Treatments, and Directions For Use (16 fl oz)}

EPA Reg. No. 2724-804

EPA Est. No.

Net Contents:



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION: Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Repeated exposure to etofenprox can cause skin irritation.

FIRST AID	
Call a poison control center or doctor immediately for treatment advice.	
If swallowed	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to do so by the poison control center or doctor.• Do not give anything by mouth to an unconscious person.
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.
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.	

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

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

RESISTANCE-MANAGEMENT

For resistance management, RF2129 EC contains a Group 3A insecticide. Any insect population may contain individuals naturally resistant to RF2129 EC and other Group 3A insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly. Appropriate resistance-management strategies should be followed. To delay insecticide resistance, take the following steps:

- Rotate the use of RF2129 EC or other Group 3A insecticides with different groups that control the same pests.
- Use tank mixtures with insecticides from a different group that are equally effective on the target pest when such use is permitted. Do not rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues (for the targeted pests) between the individual components of a mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
 - Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
 - Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.

- When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pests.
- Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
- The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.
- Adopt an integrated pest management program for insecticide use that includes scouting, uses historical information related to pesticide use, record keeping and which considers cultural, biological and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance, contact Wellmark International at 1-800-248-7763.

General Directions: For indoor use only. **RF2129 EC** provides effective kill of fleas, cockroaches and other listed pests and can be applied as an indoor broadcast, spot, void, or crack and crevice treatment using a low pressure sprayer, void injector or other equipment (see Specific Directions) in homes, attics and crawlspaces, apartment buildings, hotels, schools, day cares, nursing homes, hospitals, office buildings, correctional facilities, commercial and industrial buildings, warehouses, non food/non feed handling establishments, modes of transportation, institutions. [**RF2129 EC** provides up to 28 days residual control of fleas and up to 14 days residual on other listed pest species]

Apply RF2129 EC to areas where target pests hide, such as baseboards, corners, storage areas, closets, around water pipes, doors and windows, attics and eaves, behind and under refrigerators, cabinets, sinks, furnaces, and stoves, the underside of shelves, drawers and similar areas. Pay particular attention to cracks and crevices.

Remove pets and birds and cover fish aquariums before spraying. Do not allow children or pets to contact treated surfaces until spray has dried. Do not apply to toys or stuffed animals or related articles. Do not apply this product in occupied patient rooms or in any rooms/areas while occupied by patients, the elderly, or infirm. Do not apply to classrooms while in use. Do not apply in institutions (including libraries, sports facilities, etc.) in the immediate area where occupants are present.

MIXING DIRECTIONS:

RF2129 EC mixes easily with water (diluent) and may be applied with most application equipment such as Micro-Injector® or Actisol® applicators. For best results, partially fill sprayer with water (diluent), add the labeled amount of **RF2129 EC** and fill to the required amount of water (diluent). Removable chemical extraction probes (also known as “stingers”) used in suction/extraction systems must be rinsed within the pesticide container prior to removal. Diluted spray mixture may be stored overnight and used the following day, but mixture should be agitated well prior to use.

RF2129 EC in labeled dilutions is generally non-staining and should not stain surfaces that cannot be spotted or damaged by water alone, however in questionable or sensitive surfaces, apply a small amount of dilution in an inconspicuous location to evaluate. Do not apply where electrical short circuits might result.

Do not allow to enter indoor or outdoor drains. (*No permita la entrada a desagües internos o externos.*) Follow proper disposal procedures on this label. (*Siga las indicaciones del etiquetado para el desecho apropiado del producto.*)



Do not enter or allow others to enter until spray has dried. Do not apply product in a way that will contact workers, other persons, or animals, either directly or through drift.

TANK-MIXING

RF2129 EC can be mixed with EPA-registered insect growth regulators (IGR) (PRECOR®) (S-methoprene) (GENTROL®) (S-hydroprene) in areas where these products are registered to be applied. Please check product-specific label directions before using and the more stringent label directions will apply.

SPECIFIC INSTRUCTIONS:

Indoor Pests			
Use RF2129 EC as a broadcast (general surface), spot, void, or crack and crevice treatment to control pests inside buildings, structures, and modes of transport. This includes homes, attics and crawlspaces, apartment buildings, hotels, schools, day cares, nursing homes, hospitals, office buildings, correctional facilities, commercial and industrial buildings, warehouses, non-food/non-feed handling establishments, rail cars, marine vessels, and institutions. RF2129 mixes easily with water (diluents) and may be applied with a low pressure sprayer for broadcast and spot treatments. Avoid injector or other application equipment that delivers low volume treatments, such as Micro Injector or Actisol applicators, may be used for void and crack and crevice treatments.			
Treatment	Specific Directions	Use Rate	Pests
Broadcast (General Surface)	Apply the dilution uniformly over surfaces to be treated. Apply to carpets, floors, cabinets, cove base, and other areas where pests are located.	0.25% Etofenprox 2 fl oz/gallon of water (diluent)/1000 ft ²	Ants, Bed bugs, Carpet beetles, Cockroaches, Confused flour beetles, Centipedes, Crickets, Darkling beetles, Dermestids, Earwigs, Firebrats, Flies, Fleas, Fruit flies, Gnats, Indian meal moths, Lesser grain borers, Millipedes, Mosquitoes, Moths, Pillbugs, Red flour beetle, Sawtoothed grain beetle, Scorpions, Silverfish, Sowbugs, Spiders (Brown recluse, Black widow, others), Stink bugs, Ticks, Wasps
Spot, void or Crack and Crevice	Treat entry points such as around water pipes, doors, windows, and eaves. Treat areas where pests normally feed or hide such as baseboards, corners, around water pipes, cracks and crevices. Treat void areas with sufficient material to cover the void surfaces. Spot treat floor rugs, beneath furniture, in closets, and storage areas.	0.25% Etofenprox 2 fl oz/gallon of water (diluent)/1000 ft ²	
Spot, void or Crack and Crevice for Bed Bugs Infesting Beds, Mattresses, Bedrooms and Sleeping Areas	Disassemble the bed frame and remove bedding. Do not apply product to bedding. Wash bedding and dry using medium to high heat to kill bed bugs. Apply to the bed frame, mattress and box spring. Application to mattresses and box springs is intended for treatment of seams, edges, and tufts only. Do not saturate the mattress and box spring. Do not treat the entire surface of the mattress or box spring. Allow spray to dry before using the mattress and/or box spring. Spot treat baseboards, behind pictures/wall hangings, rugs, and other articles in the bedroom or sleeping area.	0.25% Etofenprox 2 fl oz/gallon of water (diluent)/1000 ft ²	Bed Bugs

Repeat treatments to infested areas as necessary, but not less than 14 days after the initial treatment.

STORAGE and DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. **Pesticide Storage:** Store in a cool, dry, and ventilated area away from humans, pets, foodstuffs, and feed. Do not store near heat or open flame. Keep from freezing. **Pesticide Disposal:** To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry). Do not pour or dispose down the drain or sewer. Call your local solid waste agency for local disposal options. **Container Handling:** Nonrefillable container. Do not reuse or refill this container. 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 incinerate, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

To the extent consistent with applicable law, Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. To the extent consistent with applicable law, Buyer assumes all risks of use and handling of this material when such use and handling are contrary to label instructions.

For information or in case of emergency call 1-800-248-7763 or visit our Web site:
[www.zoecon.com]

Zoëcon® is a registered trademark and Zenprox is a trademark of Wellmark International

Wellmark International
1501 East Woodfield Road 200W
Schaumburg, Illinois 60173

Made in USA