



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

January 18, 2024

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

Subject: Registration Review Label Mitigation for Permethrin
Product Name: RF2159 RTU
EPA Registration Number: 2724-810
Application Date: 11/20/2020
Decision Number: 568163

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 Permethrin 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.

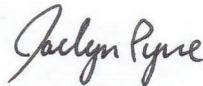
A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or 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

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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 Carolyn Smith by phone at (202) 566-2273, or via email at smith.carolyn@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Jaclyn Pyne". The signature is written in a cursive style with a large initial 'J' and 'P'.

Jaclyn Pyne, Team Leader
Risk Management and Implementation Branch 3
Pesticide Re-Evaluation Division
Office of Pesticide Programs

Enclosure

[] Indicates optional text

PERMETHRIN	GROUP	3A	INSECTICIDE
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RF2159 RTU

Alternate brand name: Starbar® Attack-All® Livestock & Premise Fly Spray
 For Use On Beef Cattle, Dairy Cattle, or Swine
 For use to control Poultry Lice on Poultry
 Apply to Milking Parlors [Houses], Calf Hutches, [Horse][Cattle (beef/dairy)] Barns, Poultry Houses, Swine Quarters, Outbuildings, Pens & Shelters
 Kills and Repels House Flies, Stable Flies, Horn Flies, Horse Flies, Face Flies, Deer Flies, Gnats, Ticks (including Deer Ticks), Fleas, Chiggers, [Blood-sucking][Poultry] Lice and Mosquitoes
 For Control of Bedbugs and Mites in Poultry Houses
 Ready to Use

ACTIVE INGREDIENTS:

Pyrethrins.....	0.05%
Piperonyl Butoxide*.....	0.50%
Permethrin**	0.10%
OTHER INGREDIENTS:	<u>99.35%</u>
TOTAL	100.00%

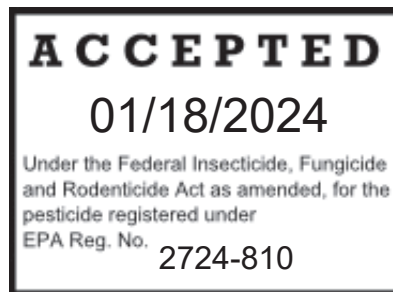
* (butylcarbityl) (6-propylpiperonyl) ether and related compounds
 ** cis/trans ratio: min. 35% (+/-) cis and max 65% (+/-) trans

KEEP OUT OF REACH OF CHILDREN
CAUTION

See Back Panel For Additional Precautionary Statements

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NET CONTENTS:



**READ ENTIRE LABEL BEFORE EACH USE
USE ONLY ON BEEF AND DAIRY CATTLE OR SWINE**

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Not for use on humans. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. 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.

Hazards to Domestic Animals: For external use only. Do not use on animals under three months of age or on sick, old, debilitated, or medicated animals.

FIRST AID	
IF ON SKIN	<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

This product is extremely 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. Drift and runoff may be hazardous to fish in water adjacent to treated areas. 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. See Directions for Use for additional precautions and requirements. 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 AND CHEMICAL HAZARDS

Do not use this product in or on electrical equipment due to the possibility of shock hazard.

RF2159 RTU can be used on cattle, swine and in animal quarters as a fast, effective product for control of flying insects.

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, RF2159 RTU contains a Group 3A insecticide. Any insect population may contain individuals naturally resistant to RF2159 RTU 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 RF2159 RTU or other Group 3A insecticides with different groups that control the same pests.

- 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 1-800-347-8272.

GENERAL PRECAUTIONS AND RESTRICTIONS

Do not remain in treated area. Exit area immediately and remain outside the treated area until mists have dispersed.

Do not allow adults, children, or pets to enter until sprays have dried or dispersed and the treated area has been thoroughly ventilated.

Do not make applications during rain. Avoid making applications when rainfall is expected before the product has sufficient time to dry (minimum 4 hours). Rainfall within 24 hours after application may cause unintended runoff of pesticide application.

Remove or cover exposed food and drinking water before application. Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces or wash them before use.

For soil application, do not apply by ground within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds. Do not apply the product into fish pools, streams, or lakes. Do not apply directly to sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application. Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment. Do not apply or irrigate to the point of runoff.

All outdoor spray applications must be limited to spot or crack-and-crevice treatments only except for the following permitted uses:

- Application to pervious surfaces such as soil, lawn, turf, and other vegetation;
- Perimeter band treatments of 7 feet wide or less from the base of a manmade structure to pervious surfaces (e.g., soil, mulch, or lawn);
- Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure;
- Applications around potential exterior pest entry points into manmade structures such as doorways and windows, when limited to a band not to exceed one inch;
- Application to vertical surfaces (such as the side of a manmade structure) directly above impervious surfaces (e.g., driveways, sidewalks, etc.), up to 2 feet above ground level;
- Applications to vertical surfaces directly above pervious surfaces, (such as soil, lawn, turf, mulch or other vegetation) only if the pervious surface does not drain into ditches, storm drains, gutters, or surface waters.

Spot treatments must not exceed two square feet in size (for example, 2 feet by 1 foot or 4 feet by 0.5 ft). Treat surfaces to ensure thorough coverage but avoid runoff. To treat insects harbored in voids and cracks-and-crevices, applications must be made in such a manner to limit dripping and avoid runoff onto untreated structural surfaces and plants.

For space sprays and surface sprays, do not apply more than one time per day. On animals, the maximum use rate is 3 fluid ounces per animal at a maximum of 1 application per 10 days (cattle) or per 14 days (swine).

For both indoor and outdoor use.

ON LIVESTOCK (Indoors and Outdoors): To protect Beef cattle, Dairy Cattle and Swine from House Flies, Horn Flies, Face Flies, Gnats, and Mosquitoes, apply a light mist sufficient to wet the surface of the hair. For cattle, do not re-apply for 10 days. For swine, do not re-apply for 14 days. For swine, do not apply 5 days or less prior to slaughter.

DIRECTIONS FOR TRIGGER SPRAY USE: Remove excess dirt and dust. Apply light spray mist to coat while brushing lightly against lay of the hair. Avoid spraying in eyes and mucous membranes. Apply with sponge or cloth to those areas. Do not apply this product in a way that will contact adults, children, or pets, either directly or through drift.

TO CONTROL Stable Flies, Horse Flies, and Deer Flies, apply at a rate of 2 ounces per adult animal sufficient to wet the hair thoroughly. Repeat treatment at 10 day intervals for cattle or 14 day intervals for swine to give continued protection.

To protect from Face Flies, spray on a cloth and rub on the face, being certain to avoid contact with eyes and mucous membranes.

TO CONTROL Blood-Sucking Lice, apply to infested areas of the animal, using a stiff brush to get the spray to the base of the hair. Repeat every 2 to 3 weeks if required.

TO KILL AND REPEL FLYING INSECTS IN ANIMAL QUARTERS: Use this product in [horse and] cattle (beef and dairy) barns, milk houses, poultry houses, swine quarters, outbuildings, pens and shelters to kill and repel stable flies, horse flies, face flies, deer flies, house flies, horn flies, mosquitoes, gnats, ticks (including Deer Ticks), fleas, chiggers, and lice. Apply undiluted as either a surface spray or space spray (fog). Remove animals prior to treatment. When used in dairy barns or facilities, close milk bulk tank lids to prevent contamination.

Surface Spraying: Use a good sprayer adjusted to deliver a coarse, wet spray. Apply as a coarse, wet spray using 1 pint per 1,000 square feet. Direct the spray wherever flies congregate or alight, until surfaces are moistened. Treat around doorways, feed storage rooms, alleyways, and windowsills. Spray around outside of door facings and screens to render area unattractive to insects. This helps to repel insects and prevent entrance into building.

Space Spraying: Before application, close doors, windows, and other openings and shut off ventilating systems to reduce air movement as much as possible. Apply with a good machine adjusted to deliver a fine mist or fog. Direct spray at an upward angle, distributing it uniformly throughout the entire area at a rate of 2 fluid ounces per 1,000 cubic feet (10 ft x 10 ft x 10 ft). Apply by directing spray toward ceiling and corners until the space is filled with mist. For best results, keep doors and windows closed, when possible, during spraying and after application. Applicator must not remain in treated area. Leave room closed for ten minutes after application, then open and ventilate the area thoroughly prior to reoccupation by humans or animals.

Do not contaminate water, feed or foodstuffs, milk or milking utensils. Repeat treatment after 10 days, or at intervals needed to give adequate protection.

TO CONTROL Poultry Lice, spray roosts, walls, and nests or cages thoroughly. Follow by spraying over the birds with a fine mist.

FOR CONTROL of Bedbugs and Mites in poultry houses, spray crevices of roost poles, cracks in walls, and cracks in nests where the bedbugs and mites hide.

OUTDOOR USE: Use this product to control Cockroaches, Waterbugs, Palmetto Bugs, Scorpions, Millipedes, Centipedes, Sowbugs, Pillbugs, Ants, Silverfish, Firebrats, Spiders, and Crickets. To help prevent infestation of building, treat the building foundation to a height of 2 feet, where pests are active and may find entrance. Also apply as a residual spray to outside surfaces of building, and other areas where these pests congregate or have been seen.

Avoid spraying when wind conditions might create a mist that can blow back to applicator. Do not apply this product in or around bodies of water. Do not spray directly on plants.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. **STORAGE:** Store in a cool, dry place. Do not store near heat or open flame. **CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. **If empty:** Do not reuse this container. 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.

For information or in case of an emergency, call 1-800-xxx-xxxx

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.

Wellmark International
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[URL]
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