



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

December 4, 2023

Noelle Sanfilippo  
Regulatory Affairs Specialist  
Farnam Companies, Inc.  
1501 East Woodfield Road, 200W  
Schaumburg, Illinois 60173

Subject: Registration Review Label Mitigation for Permethrin  
Product Name: Equicare Flysect Super C Repellent Concentrate  
EPA Registration Number: 270-301  
Application Date: 12/16/2020  
Decision Number: 568869

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](mailto:smith.carolyn@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Kelly Sherman", with a long horizontal flourish extending to the right.

Kelly Sherman  
Chief, Risk Management & Implementation Branch III  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs

Enclosure

**EQUICARE FLYSECT SUPER C REPELLENT CONCENTRATE**

For use on horses – foals – dogs – puppies – cats - kittens

For control of face flies - stable flies - horse flies – deer flies – fleas – ticks – mosquitoes – gnats – mites – chiggers - lice

Repels House Flies 2-3 Days

EQUICARE FLYSECT SUPER C REPELLENT CONCENTRATE contains two insecticides and two repellents for use on animals for control of face flies, stable flies, horse flies, deer flies, fleas, ticks, mosquitoes, gnats, mites, chiggers, lice and house flies

**ACTIVE INGREDIENTS**

Permethrin* .....	1.00%
Pyrethrins .....	0.50%
Piperonyl Butoxide** .....	1.85%
N-octyl Bicycloheptene Dicarboximide .....	3.10%
Di-n-propyl Isocinchomeronate .....	2.50%
<b>OTHER INGREDIENTS:</b> .....	<u>91.05%</u>
<b>TOTAL</b> .....	100.00%

\* cis/trans isomer ratio: Min 35% (+) cis Max 65% (+) trans

\*\* (butylcarbityl)(6-propylpiperonyl) ether and related compounds

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

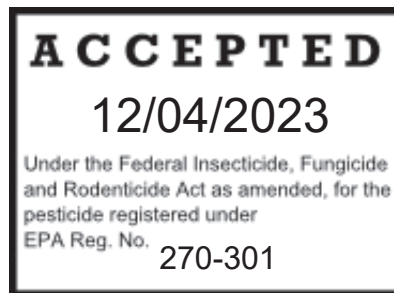
See back panel for additional Precautionary Statements

EPA REG. NO. 270-301

EPA EST. NO.

**NET CONTENTS**

Manufactured for:  
Farnam Companies, Inc.  
1501 East Woodfield Road 200W  
Schaumburg, IL 60173



**READ ENTIRE LABEL BEFORE EACH USE  
USE ONLY ON HORSES, DOGS AND CATS**

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

**CAUTION**

**Humans:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

**Animals:** Avoid contact with eyes or mucous membranes. Do not treat puppies, kittens or foals under 12 weeks of age. Do not use on horses or foals intended for slaughter. Consult a veterinarian before applying this product on medicated, debilitated, aged, pregnant or nursing animals. Sensitivities may occur after using ANY pesticide product for pets. If signs of sensitivity occur, bathe you pet with mild soap and rinse with large amount of water. If signs continue, consult a veterinarian immediately.

<b>FIRST AID</b>	
<b>IF IN EYES:</b>	<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><li>• Call a poison control center or doctor for treatment advice.</li></ul>
In case of medical emergencies or health and safety inquiries, or in case of fire, leaking or damaged containers or for product use information, call 800-234-2269.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	

**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. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems.

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 OR CHEMICAL HAZARDS**

Keep away from heat and open flame. Do not apply to painted or finished wood surfaces.

**PRECAUTIONS AND RESTRICTIONS**

**Entry Restrictions:**

For spray use: Do not apply this product in a way that will contact children, either directly or through drift. [Except when applying to pets], do not allow adults or pets to enter the treated area until sprays have dried or vapors, mists, and aerosols have dispersed and the treated area has been thoroughly ventilated.

### **Application Restrictions:**

Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed.

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.

Not for broadcast use on indoor surfaces.

All outdoor spray applications, must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses: 1) Applications to pervious surfaces, such as soil, lawns and other vegetation; 2) Perimeter band treatments of 7 feet wide or less from the base of a man-made structure to pervious surfaces (e.g., soil, mulch, or lawn); 3) Applications to underside of eaves, soffits, doors or windows permanently protected from rainfall by a covering, overhang, awning or other structure; 4) Applications around potential pest entry points into man-made structures such as doorways and windows, when limited to a band not to exceed one inch; 5) Applications to vertical surfaces (such as the side of a man-made structure) directly above impervious surfaces (e.g., driveways, sidewalks, etc.), up to 2 feet above ground level; 6) 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.

- To treat insects harbored in voids and cracks-and-crevices, application must be made in such a manner to limit dripping and avoid runoff onto untreated structural surfaces and plants.
- Spot treatments must not exceed two square feet in size (for example, 2 ft by 1 ft or 4 ft by 0.5 ft).
- For soil or foliar applications, 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 spray the product into fish pools, ponds, 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.
- Do not water the treated area to the point of runoff.
- Do not make outdoor applications during rain. Avoid making application 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.
- Treat surfaces to ensure thorough coverage but avoid runoff.

### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For both indoor and outdoor use. Do not apply over cuts, wounds, or irritated skin. Do not apply near eyes and mouth. Apply sparingly around ears. For indoor use only. Do not apply more than one (1) time per day. **Wash hands with soap and water promptly after use.** Not for use in outdoor residential misting systems.

## **SHAKE WELL BEFORE USE**

**HORSES:** Thoroughly brush the horse's coat, prior to application, to remove loose dirt and debris. For dirty horses, and as a preparation for show grooming, clean the coat with a quality shampoo. Use at a 1 to 4 ratio with water. Put required amount of concentrate into sprayer or mixing container and add appropriate amount of water (one pint of concentrate makes five pints of spray). Cover entire surface of animal with spray, but avoid getting product into horse's eyes or other sensitive areas such as mouth or nose. Spray horse's coat especially around shoulders, flanks, neck and legs. Brush coat against grain while spraying to insure adequate penetration of product. Make sure application has completely dried on hair coat before covering with tack. As a wipe, apply with a clean cloth or sponge. For initial treatment, apply daily. As infestation subsides and protection builds, reapply every 2-3 days as needed. Also, reapply every time animal is washed or exposed to a heavy rain. Do not use on horses or foals intended for slaughter.

**DOGS AND CATS:** Application of product on pets must only be done indoors. Cover animal's eyes with hand and with a firm, fast stroke, to get a proper spray mist, spray head, ears and chest until damp. With fingertips, rub into face around mouth, nose and eyes. Next, spray neck, middle and hindquarters, finishing legs last. For best penetration of spray to the skin, direct spray against the natural lay of the hair. On long-haired animals, rub your hand against the lay of the hair, spraying the ruffled hair directly behind the hand. Make sure spray thoroughly wets ticks. For initial treatment, apply at a 1 to 4 ratio with water. Put the required amount of concentrate into sprayer or mixing container and add appropriate amount of water (one pint of concentrate makes five pints of spray). As infestation subsides and protection builds, reapply every 2-3 days as needed or as prescribed by a veterinarian. Also reapply every time animal is washed or exposed to a heavy rain. Depending on reinfestation levels in the animal's environment, extended insecticide and repellent actions have been demonstrated with this product.

**TO KILL FLEAS, LICE AND TICKS ON DOGS AND CATS:** Dilute 6.4 fluid ounces of product with 1 gallon of warm water (1 to 19 ratio). Work in a well-ventilated area. Dip, sponge, or swab animal with diluted solution making sure hair is thoroughly wet to the skin. Avoid contact of material with eyes and mouth of animal. Dipping should not exceed 30 seconds. Allow animal to dry in a warm place without rinsing or toweling. Repeat application every 2 weeks or as necessary. Except when applying directly to pets, do not apply this product in a way that will contact adults, children, or pets. Remove pets, birds, and cover aquariums before spraying. Do not remain in treated area. Exit area immediately and remain outside until the treated area vapors and/or mists have dispersed. Do not allow adults, children, or pets to enter the treated area for at least 15 minutes, until vapors and mists have dispersed, and the treated area has been thoroughly ventilated.

**FOR INDOOR KENNEL SPRAY:** For use in companion animal quarters only, do not broadcast outdoors. Thoroughly mix concentrate as a 1 to 4 ratio with water. Put the required amount into sprayer or mixing container and add appropriate amount of water (one pint of concentrate makes five pints of spray). Do not contaminate water, food or feed.

As a kennel and yard spray, do not apply more than 2.4 ounces of (1:4) diluted product per 1,000 square feet.

**FOR HORSE STABLES AND BARN:** Use at a 1 to 19 ratio with water. Put required amount of concentrate into sprayer or mixing container and add appropriate amount of water (6.4 fluid ounces of concentrate makes one gallon of spray). To apply as a space spray, use a hand sprayer or mechanical spray equipment (non-thermal). Set spray nozzles to deliver a fine mist. Direct spray to distribute evenly throughout the entire area at a rate of one fluid ounce of diluted solution per 1,000 cubic feet of space. Do not use in milk rooms. Do not contaminate water, food, or feed by use of this product.

Application is prohibited directly into sewers or drains, or to any area like a 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.

For stables and barns, do not apply more than 10 ounces of (1:19) diluted product per 1,000 square feet.

#### **STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in original container in a dry place inaccessible to children and pets. If a leaky container must be contained within another, mark the outer container to identify the contents. Store pesticides away from food, pet food, seed, fertilizers, and veterinary supplies. Do not store near heat or open flame.

**PESTICIDE DISPOSAL AND CONTAINER HANDLING:** 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 local disposal options. Do not pour or dispose of down-the-drain or sewer.