



**OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION**

WASHINGTON, D.C. 20460

June 3, 2025

Jeremy Malone  
Agent for Dairy Solutions, Inc.  
Spring Regulatory Sciences  
6620 Cypresswood Drive  
Suite 250  
Spring, TX 77379

Subject: Label Amendment - Registration Review Mitigation for Permethrin  
Product Name: KATTLEGUARD M/L  
EPA Registration Number: 73103-4  
Application Date: February 1, 2021  
Decision Number: 570446  
Case Number: 00476421

Dear Jeremy Malone:

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 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 Anna Senninger by phone at 202-566-2216, or via email at [Senninger.Anna@epa.gov](mailto:Senninger.Anna@epa.gov).

Sincerely,

A handwritten signature in blue ink that reads "Dana L. Friedman". The signature is fluid and cursive, with the first name "Dana" and last name "Friedman" clearly legible.

Dana L. Friedman, Chief  
Risk Management and Implementation Branch 1  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs  
U.S. Environmental Protection Agency

ENCLOSURE: Stamped label

Permethrin	GROUP	3A	INSECTICIDE
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[Denotes Optional Text]

{Denotes Notes to EPA Reviewer}

{EPA MASTER Label – Kattleguard M/L; Label updated ,20250508}

## KATTEGUARD M/L

Controls lice and flies on beef cattle, lactating and non-lactating dairy cattle and calves when applied as a pour-on, spray or back rubber. Controls keds on sheep and lambs when applied as a pour-on. Synergized Formula For Effective Control

### ACTIVE INGREDIENTS:

*	Permethrin	3.7%
**	Piperonyl Butoxide Technical	3.7%
***	OTHER INGREDIENTS	<u>92.6%</u>
		100.0%
*	(3-Phenoxyphenyl) methyl (+ or -) cis-trans-3-(2,2-dichloroethenyl) 2,2dimethylcyclopropanecarboxylate). Cis-trans isomers ratio: Min. 45% (+ or -) cis and Max. 55% (+ or -) trans	
**	Equivalent to Min. 2.96% butylcarbityl (6-propylpiperonyl) ether and 0.74% related compounds	
***	Contains petroleum distillates	

**ACCEPTED**

Jun 03, 2025

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 73103-4

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

FIRST AID	
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 eyes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
NOTE TO PHYSICIAN: Contains petroleum distillate. May pose an aspiration pneumonia hazard.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For information regarding medical emergencies or pesticide incidents, call 1-888-740-8712.	

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Contains petroleum distillate. Causes moderate eye irritation. Avoid contact with eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some

individuals. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):** Mixers, loaders, applicators (except for hand-held foggers or fog/mist generator use in indoor spaces), and other handlers must wear the following: Long-sleeve shirt; Long pants; Shoes and socks; Gloves made of waterproof material; Chemical-resistant apron for mixers/loaders, persons cleaning equipment, and persons exposed to the concentrate and for handlers performing animal dip applications. In addition to the above PPE, applicators using hand held foggers or fog/mist generators in indoor spaces must wear: Coveralls over long-sleeve shirt and long pants; Chemical-resistant gloves; Chemical-resistant footwear plus socks; Chemical-resistant headgear, if overhead exposure; and wear a minimum of a NIOSH-approved particulate filtering facepiece respirator with any R or P filter OR a NIOSH-approved powered air purifying respirator with HE filters.

**USER SAFETY REQUIREMENTS:** Follow manufacturer's instruction for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched (except as required by directions for use) or heavily contaminated with this product concentrate. Do not reuse them.

**USER SAFETY RECOMMENDATIONS:** Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS:** This pesticide is extremely toxic to aquatic organisms, including fish and invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters. Under some conditions, it may also have a potential for transport into surface water in runoff (primarily absorbed to suspended soil particles), for several months or more after application. These include poorly draining or wet soils with readily visible slopes towards adjacent surface waters, frequently flooded areas, and areas overlying extremely shallow groundwater, areas with in-field canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas over-lying tile drainage systems that drain to surface waters. 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 pesticide 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:** Do not use or store near heat or open flame.

NET CONTENTS 55 GALLONS

### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

For Outdoor Use Only.

#### **USE RESTRICTIONS**

Apply this product only as specified on this label. Do not contaminate food or feedstuffs. Do not use in aircraft cabins. This product is not for use in residential misting systems (indoor or outdoor). This product is not for use in metered release misting systems. Do not make applications with a sponge. Do not water treated area to the point of run-off. Do not use this product directly on domestic (companion) animals (dogs, cats, puppies, or kittens).

When used in milking parlors or tank rooms, close milk bulk tank lids to prevent contamination from spray and from dead or falling insects. Remove or cover milking utensils before application. Wash teats of animals before milking. Application of this product is prohibited directly into sewers or drains, or to any area like a gutter where drainage to storm sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow this product to enter any drain during or after application.

Do not apply 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 apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios.

Do not apply or irrigate to the point of runoff.

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.

**IMPORTANT** – This is a highly concentrated formulation. Use only with an accurate measuring container or applicator. **READY TO USE** - No dilution necessary except for back rubber devices.

#### **SPRAY DRIFT ADVISORIES**

Handheld Technology Applications: Take precautions to minimize spray drift.

For resistance management, this product contains a Group 3A insecticide. Any insect/mite population may contain individuals naturally resistant to this product and other Group 3A

insecticides/acaricides. The resistant individuals may dominate the insect/mite population if this group of insecticides/acaricides are used repeatedly on the same livestock. Appropriate resistance-management strategies should be followed. To delay insecticide/acaricide resistance, take the following steps:

- Rotate the use of this product or other Group 3A insecticides/acaricides within a season with different groups that control the same pests.
- Use tank mixtures with insecticides/acaricides 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 crossresistance issues 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 pest(s).
  - 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/acaricides 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 or certified crop advisors for any additional pesticide resistance management and/or IPM recommendations for the specific site and pest problems in your area.

APPLY TO:	TARGET INSECTS:	APPLICATION INSTRUCTIONS:
Lactating and Non-lactating Dairy Cattle, Beef Cattle and Calves	Lice, Horn Flies, Face Flies.  Aids in control of Horse Flies, Stable Flies, House Flies, Mosquitoes, and Black Flies.	<b>Dosage:</b> Apply 4 mL per 100 lbs body weight of animal, up to a maximum of 40 mL for any one animal spray. <b>Pour-On:</b> Pour correct dose along back and down the face.

	Controls Horn Flies up to 6 weeks after application.	<b>Spray:</b> Use undiluted in an appropriate sprayer to apply correct dose. To enhance even application, the correct dose may be mixed with a suitable solvent such as mineral oil or water. Apply directly to neck, face, back, legs and ears. <b>Back Rubber Use:</b> Mix 128 mL (4.2 oz.) per gallon of mineral oil. Keep rubbing device charged. Results improved by daily forced use.
Sheep and Lambs	Sheep Keds and Lice	<b>Pour On:</b> Pour along back. Apply 2 mL per 50 lb. of body weight of animal, up to a maximum of 24 mL for any one animal. For optimum control, all animals in the flock should be treated after shearing.

For cattle repeat treatment as needed, but do not apply more than maximum amount per animal in any two week period. For optimum lice control, two treatments at a 14-day interval are recommended. KATTEGUARD M/L is not effective in controlling cattle grubs. KATTEGUARD M/L is an oil-based, ready-to-use product that may leave an oily appearance on the hair coat of some animals.

#### STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store in a cool, dry area, under lock and key, in an area inaccessible to children and animals. Post as a pesticide storage area. Always store pesticides in the original container. Store away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Place liquid formulations on lower shelves and dry formulations above.

**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).

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available, or puncture and dispose of in a sanitary landfill or by incineration. Do not burn unless allowed by state and local ordinances. (Transport vehicles, such as tank cars, are exempt from the preceding Container Handling statements.)

DAIRY SOLUTIONS, INC.

6382 Hosfield Drive

Tulare, CA 93274

EPA Reg. No. 73103-4

EPA Est. No. \_\_\_\_\_