



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

May 30, 2025

Jamal Koledoye
Consultant for Ecto Development Corp.
Exponent
1150 Connecticut Avenue NW, Suite 1100
Washington, DC 20036

Subject: Label Amendment - Registration Review Mitigation for Permethrin
Product Name: Ecto Pour-On For Cattle
EPA Registration Number: 67505-2
Application Date: March 15, 2021
Decision Number: 572109
Case Number: 00480105

Dear Jamal Koledoye,

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 Alex McKee by phone at 202-566-1939, or via email at mckee.alex@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

FRONT PANEL

PERMETHRIN	GROUP	3A	INSECTICIDE
------------	-------	----	-------------

**ECTO POUR-ON FOR CATTLE
(OR OTHER LIVESTOCK)**

**SYNERGIZED FORMULA
CONCENTRATED INSECTICIDE
FOR BEEF, LACTATING AND DAIRY CATTLE,
SHEEP, HORSES AND THEIR PREMISES**

For both indoor and outdoor use
Can be applied topically to livestock and their premises
Controls lice, horn and face flies, and aids in the control of ticks on beef and lactating dairy cattle.
Controls lice, horn, stable, deer and face flies, eye gnats and ticks on horses.
Controls sheep keds and lice on sheep.

ACTIVE INGREDIENTS:

Permethrin (CAS NO.: 52645-53-1)*	7.40%
Piperonyl Butoxide (CAS NO.: 51-03-6)**	7.40%

OTHER INGREDIENTS:***	85.20%
TOTAL	100.00%

* cis/trans ratio: Min 35% (±) cis and max. 65% (±) trans.

** Equivalent to Min. 5.92% (butylcarbityl) (6-propylpiperonyl) ether and 1.48% related compounds.

*** Contains Petroleum Distillates

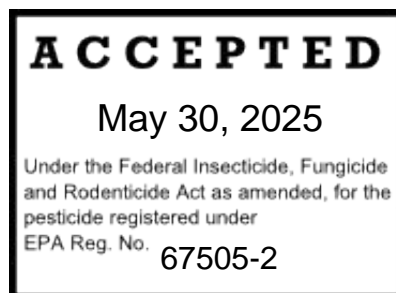
**KEEP OUT OF THE REACH OF CHILDREN
CAUTION
SEE SIDE/BACK PANEL FOR
ADDITIONAL PRECAUTIONARY STATEMENTS
AND DIRECTIONS FOR USE**

Net Contents: 64 fl. oz (1.8925 Liters)

EPA Reg. No.: 67505-2

Est. Reg. No.: 67517-MO-1

Manufactured For
Ecto Development Corporation
850 NW Pink Hill Road
Blue Springs, MO 64015



SIDE/BACK PANEL

**ECTO POUR-ON FOR CATTLE
(OR OTHER LIVESTOCK)**

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

Harmful if absorbed through the skin or inhaled. Avoid contact with skin, eyes, or clothing. Wear long sleeved shirt, long pants, shoes, socks and chemical resistant gloves. Avoid breathing mist if sprayed. 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.

USER SAFETY REQUIREMENTS

Personal Protection Equipment (PPE)

Handlers must wear, long sleeved shirt and long pants, shoes plus socks, chemical resistant gloves made of Barrier Laminate, Nitrile Rubber > 14 mils, Neoprene Rubber > 14 mils, or Viton > 14 mils.

Follow manufacturer's instruction for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent in hot water. Keep and wash PPE separately from other laundry. Discard clothing and absorbent materials that have been drenched or heavily contaminated with this product's 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

FIRST AID

If on Skin or Clothing °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.

If Swallowed °Call a poison control center or doctor immediately for treatment advice.
°Have people sip a glass of water if able to swallow.
°Do not induce vomiting unless told to do so by a poison control center or doctor.
°Do not give anything by mouth to an unconscious person.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor for treatment. You may also contact 1-816-220-2015 for emergency medical treatment information.

NOTE TO PHYSICIAN

Contains petroleum distillate - vomiting may cause aspiration pneumonia.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and other aquatic 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 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 AND CHEMICAL HAZARDS

Do not use or store near heat or open flame. KEEP CONTAINER SEALED WHEN NOT IN USE.

DIRECTION FOR USE

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

SPECIAL NOTE: ECTO POUR-ON FOR CATTLE is not effective in controlling cattle grubs.

ECTO POUR-ON FOR CATTLE is an oil-base, ready-to-use product that may leave an oily appearance on the hair coat of some animals.

ECTO POUR-ON FOR CATTLE should be used in an integrated pest management system, which may involve repeat treatments and the use of other pest control practices.

IMPORTANT: This is a highly concentrated formulation. Use only with an accurate measuring container or applicator.

EXCEPT FOR BACK RUBBER / READY TO USE – No dilution necessary

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

- Application to pervious surfaces such as soil, lawn, turf, and other vegetations;
- 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);
- Applications to underside of eaves, soffits, doors, or windows permanently protected from rainfall by a covering, overhang, awning, or other structure;
- 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.
- 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.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, ECTO POUR-ON FOR CATTLE contains a Group 3A insecticide. Any insect population may contain individuals naturally resistant to ECTO POUR-ON FOR CATTLE 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.

April 10, 2025

To delay insecticide/acaricide resistance, take the following steps:

- Rotate the use of ECTO POUR-ON FOR CATTLE or other Group 3A insecticides with different groups that control the same pests.
- Adopt an integrated pest management program for insecticide use that includes inspection of animals and/or premises, 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 Ecto Development at 1-816-220-2015 or at www.ectodev.com.

USE RESTRICTIONS

For Surface spray uses: Do not allow others to enter treated area until spray has dried

When used in dairy barns or facilities: Close milk bulk 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.

For crack and crevice, surface spray, applications indoor: Remove or cover exposed feed, drinking water and utensils before applications.

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.

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 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.

Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack-and-crevice applications only.

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.

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.

For both indoor and outdoor use.

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.

April 10, 2025



APPLY TO LACTATING AND NON LACTATING DAIRY CATTLE AND CALVES

Target Pests: Lice, Horn Flies, Face Flies, Aids in control of Horse Flies, Stable Flies, House Flies, Mosquitoes, Black Flies, and Ticks. Controls Horn Flies up to 6 weeks after application.

Application Instructions:

Dosage: For moderate fly control apply 1.5 mL per 100 lbs. body weight of animal, up to a maximum of 15 mL per animal.

For lice and severe horn fly control apply 2.0 mL per 100 lbs. body weight of animal, up to a maximum of 20 mL per animal.

Pour-On: Pour correct dose along back and down face.

Ready-To-Use-Spray: Use undiluted in a mist sprayer to apply correct dose. Apply directly to neck, face, back, legs and ears.

Back Rubber Use: Mix 64 mL (2.1 oz) per gallon of mineral oil. Keep rubbing device charged. Result improved by daily forced use.

NOTE: For cattle repeat treatment as needed, but not more than once every two weeks. For optimum lice control, two treatments at a 14-day interval are recommended.

APPLY TO HORSES AND FOALS

Target Pests: Stable Flies, Deer Flies, Horn Flies, Face Flies, House Flies, Eye Gnats, Lice and Ticks, Aids in control of Horse Flies, Mosquitoes and Black Flies.

Application Instructions:

Pour-On: Do not use this application method on foals. After riding or exercise, pour 8 mL to 16 mL per animal along back and down the face of **MATURE** horses, being careful to avoid their eyes. Repeat treatment as needed, but not more than once every two weeks.

Wipe-On: Apply 8 mL to 16 mL. Dampen an applicator mitt, cloth or toweling (Turkish). Rub over hair with special attention to the legs, shoulders, neck and facial areas where flies tend to congregate. Avoid the eyes. Repeat treatment as needed, but not more than once every two weeks.

Ready to Use Spray: Use after riding or exercising. Apply 8 mL to 16mL undiluted in a mist sprayer per animal. Apply directly to ticks. Repeat treatment as needed, but not more than once every two weeks.

APPLY TO SHEEP AND LAMBS

Target Pests: Sheep Keds and Lice

April 10, 2025

Application Instructions:

Pour-On: Pour along the back. Apply 1 mL per 50 lbs body weight of animal, up to maximum of 12 mL for any one animal. For optimum control, all animals in the flock should be treated after shearing. Repeat treatment as needed but not more than once every two weeks. For optimum lice control, two treatments at a 14 day interval are recommended.

**APPLY TO HORSES, BEEF, DAIRY, SWINE, SHEEP AND POULTRY PREMISES,
ANIMAL HOSPITAL PENS AND KENNELS AND "OUTSIDE" MEAT PROCESSING PREMISES**

Target Pests: House Flies, Stable Flies, Face Flies, Gnats, Mosquitoes, Black Flies, Fleas, Little House Flies (Fannia spp.). Aids in control of Cockroaches, Ants, Spiders and Crickets.

Application Instructions:

Ready-To Use Spot or Premise Spray: Use undiluted in a mist sprayer. Apply directly to surface to leave a residual insecticide coating, paying particular attention to areas where insects crawl or alight. 500 mL will treat approximately 7,200 square feet.

STORAGE AND DISPOSAL

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

Storage: Keep container sealed when not in use. Do not store near heat or open flame.

Pesticide Disposal: Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not pour or dispose down-the drain or sewer. Call your local solid waste Agency for local disposal options.

Container Handling: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or incineration or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

NOTICE OF WARRANTY

NOTE: Seller warrants this product complies with the specifications expressed in this label. To the extent consistent with applicable law, Seller makes no other warranties and disclaims all other warranties, expressed or implied, including but not limited to warranties of merchantability and fitness for the intended purpose. To the extent consistent with applicable law, Sellers liability or 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.