

9-214

DEC 23 1985

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Coopers Animal Health, Inc.
520 West 21st street
Kansas City, MO 64108

Gentlemen:

Subject: Amendment - Update Labeling
Ectiban EC Insecticide
EPA Registration No. 59-214
Your Application Dated July 2, 1985

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (TS-767)

Enclosure

- P.S. 1. Include "If swallowed" statement to the Precautionary Labeling paragraph, Statement of Practical Treatment.
 - 2. The repeat application directions for lactating/non-lactating animals (10-14 days) is inconsistent with the same under Directions For Use (14 days). Please clarify.
- 87631;Dively:RD85/19;KEMCO:11/4/85:11/13/85:Kim:VO

CONCURRENCES

SYMBOL	DATE						
Deely	11/28/85						

(ALL COPY BLACK EXCEPT AS INDICATED)

(PMS ORANGE-158 BACKGROUND)

Label - Ectiban EC x quart

(Main Panel)

Ectiban[®] EC

Emulsifiable Concentrate

Active Ingredient

Permethrin (3-phenoxyphenyl)
methyl (±) cis, trans-3-(2,2-
dichloroethenyl)-2,2-dimethyl-
cyclopropanecarboxylate*.....5.7%

Inert Ingredients..... 94.3%
100.0%

(PMS ORANGE-158 OUTLINE)

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

Contains 50 grams per liter (1.67 oz. active ingredient per quart)

KEEP OUT OF REACH OF CHILDREN
CAUTION
SEE SIDE PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

Net Contents One U.S. Quart (946 ml)

EPA Est. No. 5905-AR-1
EPA Reg. No. 59-214

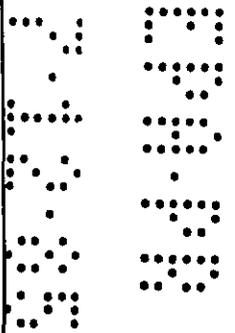


Coopers Animal Health Inc.
Kansas City, MO 64108 U.S.A.
53 553117 1
U.S. Patent No. 4,024,163

ACCEPTED
with COMMENTS
in EPA Letter Dated:

DEC 23 1985

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
59-214



(PMS RED-185 BRACKETS)

5670-1PFR

(PMS ORANGE-158
OUTLINE)

(Left Side Panel)

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Avoid contact with skin and eyes. Avoid breathing spray mist.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Call a physician. Vomiting should be supervised by a physician or the qualified professional medical staff because of the possible pulmonary damage via aspiration of the solvent.

If On Skin: Wash skin with soap and water.

If In Eyes: Immediately flush eyes with plenty of water. Get medical attention if discomfort persists.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish. Use with care when applying to areas adjacent to any body of water. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

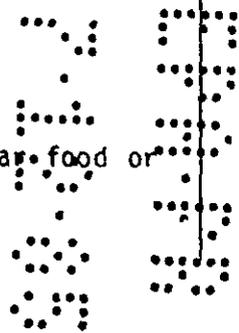
PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

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 food or feed.



Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

In case of spill on floor or paved surfaces, soak up with sand, earth or synthetic absorbent. Remove to chemical wastes area and dispose of in accordance with State and local regulations.

Container Disposal: Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved State and local procedures

NOTICE OF WARRANTY

COOPERS ANIMAL HEALTH INC. MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR OTHERWISE, EXPRESSED OR IMPLIED CONCERNING THIS PRODUCT OR ITS USES WHICH EXTEND BEYOND THE USE OF THE PRODUCT UNDER NORMAL CONDITIONS IN ACCORD WITH THE STATEMENTS MADE ON THIS LABEL.

(Right Side Panel)

Ectiban® EC

(PMS ORANGE-158 OUTLINE)

DIRECTIONS FOR USE

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

Apply Ectiban according to the following table:

Retreat as needed, but not more often than once every two weeks. Use as needed on horses not intended for human consumption. Spray lactating dairy cows only after milking is completed.

Target Species	Method of Application	Dilute	Application Rate
LACTATING AND NON-LACTATING DAIRY CATTLE AND GOATS, BEEF CATTLE, HORSES AND SHEEP			
Horn Flies, Face Flies, Stable Flies, House Flies, Horse Flies, Black Flies, Mosquitoes, Eye Gnats, Mange Mites, Scabies Mites, Ticks, Lice, and Sheep Keds	Sprayer	1 quart to 25 gals water (2-1/2 tbs/gal)	1 to 2 quarts of course spray per animal over whole body surface. For mange, lice, ticks and scabies, be sure to thoroughly wet animal. Repeat application in 10 to 14 days for mites.
Horn Flies Only	Sprayer	1 quart to 50 gals water (1 tbs/gal)	1 quart of course spray per animal.
Horn Flies, Face Flies, Stable Flies, Ear Ticks	Low Pressure Sprayer	1 quart to 2-1/2 gals water (6 tbs/qt)	1 to 2 oz spray per animal. Spot treat back, face, legs and ears.
Horn Flies, Face Flies, Stable Flies, Ear Ticks	Backrubber/ Self Oiler	1 quart to 10 gals diesel oil (6 tbs/gal)	Keep rubbing device charged. Results improved by daily forced use.

(PMS ORANGE-158 OUTLINE)

POULTRY AND SWINE

<p>Lice, Northern Fowl Mites, Mange</p> <p>For swine allow 5 days between last treatment and slaughter.</p>	<p>Sprayer</p>	<p>1 quart to 25 gals water (2-1/2 tbs/gal)</p>	<p>POULTRY: 1 gal spray per 100 birds, paying particular attention to vent.</p> <p>SWINE: Thoroughly soak, including ears. For mange, repeat at 14 days. Spray walls and change bedding.</p>
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PREMISES—Dairies, Barns, Feedlots, Stables, Poultry Houses, Swine and Livestock Housing

<p>House Flies, Stable Flies and Little House Flies (<u>Fannia spp</u>). Also aids in control of Cockroaches, Ants, Spiders, Mosquitos, Crickets and Face Flies</p>	<p>Sprayer</p>	<p>1 quart to 10 gals water (6 tbs/gal.)</p>	<p>Spray to point of run-off. As a guide use 1 gal spray per 750 sq. ft. (400-1400 sq. ft.).</p>
	<p>Mist Sprayer</p>	<p>Ready-to-Use</p>	<p>Direct 4 oz onto 1000 sq. ft. of ft. of surface.</p>
	<p>Overhead Space Spray System</p>	<p>1 quart to 10 gals diesel or mineral oil (6 tbs/gal).</p>	<p>4 oz spray per 1000 cu. ft. of air space.</p>

(PMS ORANGE-158 OUTLINE)

EXTERIOR BUILDING STRUCTURES

Cluster Flies	Mist Sprayer	Ready-to-Use	Direct 5 oz onto 1000 sq. ft. of surface concentrating on eaves, roof gables and attics.
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Spray directly to walls and ceiling as residue surface treatment only. Do not treat manure or litter. The use of any residual fly spray should be supplemented with proper manure management and general sanitation to reduce or eliminate fly breeding sites.

(PMS ORANGE-158 OUTLINE)