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AUG 31 1987

Mr. Donald A. Buss  
Coopers Animal Health, Inc.  
2000 South 11th Street  
Kansas City, KS 66103

Dear Mr. Buss:

Subject: Amendment - Revised Labeling and Efficacy Data  
Expar Insecticide/Repellent for Dogs and Horses  
EPA Registration No. 59-210  
Your Applications Dated August 7, 1986 and May 28, 1987

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.

1. Revise the Statement of Practical Treatment:

If Swallowed - Call a physician or Poison Control Center immediately. DO NOT INDUCE VOMITING. Vomiting may cause aspiration pneumonia.

If Inhaled - Remove victim to fresh air. Apply artificial respiration if indicated.

If On Skin - Remove contaminated clothing and wash affected areas with soap and water.

If In Eyes - Flush eyes with plenty of water. Call a physician immediately.

2. Since this product contains an inert ingredient of concern, it is subject to the policies and labeling requirements specified in the *Federal Register* of April 22, 1987 (52 FR 13305). Please review that document for specific compliance dates applicable to the subject product.

3. The data are adequate to support the claim "Controls fleas on premises for up to 10 weeks" provided the label directions are revised to state that 16 ounces will treat 25 square feet of

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CONCURRENCES

SYMBOL	ORIGINATOR						
	Newkirk						
SURNAME	Newkirk						
DATE	8-25-87						

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carpeting. According to our calculations, 16 oz per 200 sq ft equals 25.4 mL/m<sup>3</sup>. Either revise the labeling to reflect the application rate in the submitted carpet data or submit additional data demonstrating effectiveness of the 25.4 mL/m<sup>3</sup> rate up to 10 weeks on carpeting and other premises.

- 4. Although this product is registered under the name "Expar Insecticide Repellent for Horses and Pets," the name above ~~appears to be the name under which this product is marketed.~~ We have changed our records to reflect actual use.
- 5. The data submitted were assigned the following EPA Accession Number:

<u>EPA Accession Number</u>	<u>Title of Report</u>
265273	Evaluation of Permethrin Products for Flea and Tick Control on Dogs. Volume 1 of 1.

In future correspondence regarding these data, you should reference the EPA Accession Number to facilitate our retrieval of these data.

Sincerely yours,

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

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(ALL COPY BLACK EXCEPT AS INDICATED)

Label - Expar<sup>®</sup> Insecticide/Repellent For Dogs and Horses

(PMS PROCESS BLUE BACKGROUND)

(Front Panel)

505230

(WHITE REVERSE TYPE)

Expar<sup>®</sup> Insecticide/Repellent For Dogs and Horses

- For control of fleas, ticks and lice on dogs for up to 28 days after application.
- Controls fleas on premises for up to ten weeks.
- Repels\* and controls gnats, mosquitoes, biting flies, house flies and ticks on dogs and horses.
- Controls cockroaches\*\*, fleas, ticks, silverfish\*\* and spiders\*\* on premises.

Active Ingredient

Permethrin (3-phenoxyphenyl) methyl (±)-cis, trans-3-(2,2 dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate\*\*\* . . . . . 1.0%

Inert Ingredients . . . . . 99.0%  
100.0%

\*\*\*cis/trans ratio: Max 55% (±) cis and min 45% (±) trans

KEEP OUT OF REACH OF CHILDREN  
CAUTION  
SEE BACK FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS

REGISTERED  
EPA-6071-10-20-87  
REGISTERED SERVICE PRODUCT  
AUG 31 1987  
Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 69-210

Net contents one U.S. pint (473 ml)

EPA Est. 6175-LA-1  
EPA Reg. 59-210



Coopers Animal Health Inc.  
Kansas City, KS 66103-1438 U.S.A.  
\*U. S. Patent No. 4,020,181

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(PMS RED-185 PARENTHESIS)  
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(Back Panel)

Expar<sup>®</sup> Insecticide/Repellent For Dogs and Horses

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

For animal use only. DO NOT USE ON CATS. Not for use on humans. Harmful if swallowed. Avoid breathing spray mist. Avoid contact with eyes, skin or clothing. Avoid contamination of food. Wear gloves when applying this pesticide product. Wash thoroughly with soap and water after handling. Do not allow children or pets to contact treated surfaces until surfaces are completely dry.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Call a physician immediately. DO NOT INDUCE VOMITING unless under medical attention.

If On Skin: Remove contaminated clothing and wash skin thoroughly with soap and water.

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

Note To Physician: This product contains petroleum distillates. Vomiting may cause aspiration pneumonia.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish. Do not add directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

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DIRECTIONS FOR USE

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

Not for use on horses intended for human consumption.

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Expar Insecticide/Repellent For Dogs and Horses is ready-to-use. No mixing necessary. The non-burning, water-base formulation has been developed to use full strength and may be applied directly with trigger spray applicator or as a wipe on.

Expar Insecticide/Repellent For Dogs and Horses kills fleas, ticks and lice on dogs. Expar also repels and controls house flies, stable flies, horn flies, face flies, horse flies, deer flies, mosquitoes and gnats on dogs and horses; also kills fleas, ticks, cockroaches, silverfish and spiders around premises. Repels flies, mosquitoes and gnats for 3-5 days on horses.

SHAKE WELL BEFORE USING

FOR USE ON DOGS: Remove cap and insert sprayer. Cover animal's eyes with hand, and using a firm fast stroke to get a proper spray mist, spray head, ears and chest until damp. With gloved hand rub into face around mouth, nose and eyes. Then spray neck, middle and hindquarters, finishing legs last. For best penetration of spray to the skin, direct spray against the lay of the hair. On long haired dogs rub your hand against the lay of hair spraying the ruffled hair directly behind the hand. Make sure spray thoroughly wets ticks.

Old bedding of pets should be removed and replaced with clean fresh bedding after treatment. Expar Insecticide/Repellent for Dogs and Horses provides up to 28 days residual protection against fleas, ticks and lice on dogs and up to 10 weeks residual protection against fleas in carpets. This product may be used as often as necessary.

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FOR USE ON HORSES: AS A SPRAY: First, remove excess dirt and dust by brushing. Apply spray to animal paying special attention to legs, shoulders, and neck. For head and eye area, dampen an applicator mitt, cloth or toweling (Turkish) with Expar Insecticide/Repellent For Dogs and Horses and wipe over face. Be especially careful not to get in eyes. Do not soak hair or skin. Repeat as necessary. AS A WIPE-ON: First, remove excess dirt and dust by brushing. Dampen an applicator mitt, cloth or toweling (Turkish) with Expar Insecticide/Repellent For Dogs and Horses. Rub over hair with special attention to the legs, shoulders, neck and facial areas where flies tend to congregate. Be especially careful not to get in eyes. Repeat as necessary.

SURFACE SPRAY FOR CONTROL OF FLEAS AND TICKS: Thoroughly spray infested areas such as pet's bed and resting areas, along baseboards and localized areas of floor and floor coverings (such as carpeting) where pests may be present. Treatment of all infested areas is desirable. Pet's bed and resting areas should be sprayed to dampness. This application will control fleas up to 10 weeks. Apply spray uniformly to other localized areas; as a guide, 16 oz will cover 200 sq. ft. Allow sprayed areas to dry thoroughly.

SURFACE SPRAY FOR CONTROL OF COCKROACHES\*\*, SILVERFISH\*\* AND SPIDERS\*\*: Spray baseboards, corners, cracks, crevices and other harborage areas where these pests frequent and hide. Assure that food, feed and food utensils are not contaminated by spray or spray drift.

\*\*Not approved for control in California.

**STORAGE AND DISPOSAL**

Storage: Store in cool, dry place. Protect from freezing.

Pesticide Disposal: Securely wrap original container in several layers of newspaper and discard in trash.

Container Disposal: Do not reuse empty bottle. Wrap bottle and put in trash.

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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.

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