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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

Farman Companies, Inc.  
301 West Osborn Road  
Phoenix, Arizona 85013

OFFICE OF  
PESTICIDES AND TOXIC  
SUBSTANCES

FEB 15 1991

Attn: Karyn Bronson Harbour

Subject: Allethrin Registration Standard  
Farnam Repel-XA Emulsifiable Fly Spray  
EPA Reg. No. 270-74  
Submission received 7/22/88

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. Five copies of the finished labeling must be submitted prior to releasing the product for shipment.

- 1) It is our understanding that the allyl homolog of cinerin I (CAS #584-79-2) and associated isomers are no longer being supported for reregistration. You should confirm with your supplier which allethrin isomers are being supported with the cited source and the correct designation for your ingredient statement.
- 2) Add "Not for application, if horses will be used for food" to your Directions for Use.
- 3) Provide the flash point/flame extension and the data from which they were derived.
- 4) Refer to 40 CFR part 156.10 (a)(5)(h)(2)(i) concerning your "Hazards to Humans and Domestic Animals" paragraph. If necessary, update your label accordingly.

A change in the status of the pine oil ingredient from active to inert is acceptable as specified on your Confidential Statement of Formula dated 7/1/88.

Sincerely,

Richard F. Mountfort  
Product Manager (10)  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)



Printed on Recycled Paper

FRONT LABEL

FARNAM  
REPEL-XA  
EMULSIFIABLE SPRAY

**ACCEPTED  
with COMMENTS  
in EPA Letter Dated**

**FEB 15 1981**  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
270-74

Mix with water at proper dilutions for direct application to horses and ponies. Provides protection from vicious biting and bloodsucking Flies, Gnats, and Mosquitoes. Repels Horn Flies, House flies, and Stable Flies, also Horse and Deer Flies (Tabanids). Keeps them off the animal! Also kills on contact.

ACTIVE INGREDIENTS;

|                                      |        |
|--------------------------------------|--------|
| Allethrin .....                      | 1.00%  |
| Piperonyl Butoxide Technical** ..... | 5.00%  |
| Butoxypolypropylene Glycol .....     | 50.00% |
| INERT INGREDIENTS: .....             | 44.00% |

\*\*Equivalent to 4.00% (Butylcarbityl) (6-propyl-piperonyl) ether and 1.00% of related compounds.

KEEP OUT OF REACH OR CHILDREN  
CAUTION  
See back panel for additional cautions

NET CONTENTS: 32 FL. OZ. (1 Quart)

BACK LABEL

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. For animal use only. Not for use on humans.

STATEMENTS OF PRACTICAL TREATMENT

- IF SWALLOWED: Do not induce vomiting. Contact a physician or Poison Control Center.
- IF IN EYES: Flush with water for 15 minutes. Seek medical attention if irritation persists.
- IF ON SKIN: Wash with soap and water. Wash contaminated clothes before reuse.
- IF INHALED: Remove victim to fresh air. Seek medical attention if irritation persists.

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to fish. Do not apply directly to water of wetlands (swamps, bogs, marshes, and potholes). Drift from treated areas may be hazardous to organisms in adjacent aquatic sites. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

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

Mix REPEL-X Emulsifiable Fly spray with water at proper dilution. First, put

BACK LABEL (cont.)

the required amount into sprayer or mixing container. Then add water according to directions, and mix thoroughly before using. IMPORTANT: Mix fresh solution before each use! Apply with pressure sprayer, or you can sponge it on horses. Make sure animal's coat is thoroughly wet all over with the solution. Avoid getting solution into the animal's eyes.

HORSES...To protect them from Horn Flies, House Flies, Gnats and Mosquitoes, apply at 1 to 7 dilution. Each pint of concen rate makes 1 gallon of finished spray. Repeat application every 3 or 4 days or as needed.

Where Horse flies or Deer Flies (Tabanids), or Stable Flies, are a problem, apply at 1 to 4 dilution, and repeat application as often as needed.

STORAGE AND DISPOSAL

STORAGE: Store tightly closed in a cool, dry place inaccessible to children and pets and away from sunlight and heat sources.

DISPOSAL: Do not reuse container. Rinse thoroughly before discarding in trash.

EPA REG. NO.: 270-74

EPA EST. NO.: 6658-MO-1

Manufactured Exclusively For:

FARNAM COMPANIES, INC.

Omaha, Nebraska 68112

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