

PM 17 28293-19 MS 194  
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

SEP 13 1990

Mr. Barry J. Santerre  
Unicorn Laboratories  
1000 118th Avenue North  
St. Petersburg, FL 33716

Dear Mr. Santerre:

Subject: Unicorn Fly Repellent  
EPA Registration No. 28293-19  
Your Application Dated June 18, 1990

The proposed amendment to the registration of the product cited above under the Federal Insecticide, Fungicide, and Rodenticide Act, removing the active ingredient, MGK R-11, is acceptable subject to the comments listed below. A stamped copy of the label is enclosed for your records.

1. Submit the product-specific product chemistry and the data matrix for this new formulation.
2. Identify the Atlox by its trade name or other means.
3. Change the statement "Do not contaminate water by cleaning of equipment or disposal of wastes" to read "Do not contaminate water when disposing of equipment washwaters."
4. In the Confidential Statement of Formula (CSF) dated June 18, 1990, the EPA Registration Number for the source product, stabilene, is listed as 4816-202. This registration does not exist. The correct EPA Registration Number must be listed in item 12 of the CSF. Submit a revised CSF showing the correct EPA Registration Number.
5. In the CSF dated June 18, 1990 you state that 5.6 percent of your product is a source product from Fairfield American, EPA Registration No. 4816-283. Based on that amount the percentage

51314:I:Tavano:LCBI-06:KMSD:08/29/90:09/28/90:CL:VO:EK:CL

BEST AVAILABLE COPY

of N-Octyl bicycloheptane dicarboximide in your product can only be 1.68 percent, not 3.3 percent. The label ingredients statement must be amended accordingly.

6. Submit a 1-year storage stability study. The formulated product must be analyzed for its active ingredients at time zero and during a year of storage. The storage must be under warehouse conditions of temperature and humidity using containers similar to those that will be used in the trade. This data must be submitted within 15 months of the date of this letter.

Sincerely yours,



Phil Matton  
Product Manager (17)  
Insecticide-Rodenticide Branch  
Registration Division (R7305C)

Enclosure

BEST AVAILABLE COPY

**FLY REPELLENT**

**FOR**

**HORSES AND PONIES**

**Kills and Repels Biting Flies**

**ACTIVE INGREDIENTS:**

Butoxypolypropylene glycol.....	50.0%
Pyrethrins.....	0.5%
Piperonyl Butoxide, Technical*.....	1.0%
N-octyl bicycloheptene dicarboximide.....	3.3%

**INERT INGREDIENTS:.....** 45.2%  
100.0%

\* Consist of 0.80% (Butylcarbityl) (6-propyl-piperonyl) ether and 0.2% related compounds.

**KEEP OUT OF REACH OF CHILDREN**

28293-19

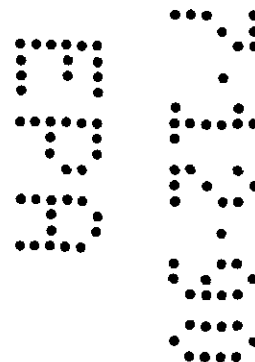
**CAUTION**

**See Back Panel for Additional Precautions**

**NET CONTENTS: One Pint**

**MANUFACTURED BY:**

Unicorn Laboratories  
1000 118th Avenue North  
St. Petersburg, FL 33716



**EPA REG. NO. 28293-19**

**EPA EST. NO. 28293-FL-1**

4/4

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed. Do not contaminate food or feedstuffs. Do not use on meat or dairy animals or horses intended for human consumption.

**CHEMICAL AND PHYSICAL HAZARDS**

Keep away from heat and open flame.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of waste.

**DIRECTIONS FOR USE**

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

**Unicorn Fly Repellent** is formulated to protect horses and ponies from biting flies, such as Stable Fly, Horse Fly, Horn Fly, Deer Fly, Mosquitos and Gnats. This product will also protect the animals from Face Fly.

**MIXING:** Dilute one pint of **Unicorn Fly Repellent** with 1-1/4 gallons (1-1/2 tablespoons per pint) of water and mix to form emulsion.

For protection against the Biting Flies mentioned above, Mosquitos and Gnats, spray one quart of diluted material per animal. Treat legs and belly thoroughly. For Face Fly, treat neck and face thoroughly. Animal may also be treated by wiping material on with sponge or soft towel. Repeat weekly or as necessary.

For protection against Horse Fly and Deer Fly, follow the above instructions, but treat every three days or as necessary to give continued protection.

**STORAGE AND DISPOSAL**

Store in a cool, dry area away from heat or open flame.

Do not contaminate water, food, or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. 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.

