

U.S. ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (75 767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.

45087-52

DATE OF ISSUANCE

SEP 10 1991

TERM OF ISSUANCE

Conditional

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Zema Equitec Repellent Spray

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Zema Corporation
P.O. Box 12803
Research Triangle Park, NC 27709

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) or 4(a) when the Agency requires all registrants of similar products to submit such data.

2. Make the label changes listed below before releasing the product for shipment:

- a. Add the phrase "EPA Registration No. 45087-52" to the label.
- b. The compound Oil of Citronella is declared as a repellent in the Confidential Statement of Formula. However, the submitted label declares this formula component as an inert ingredient. Correct this discrepancy by deleting the reference to oil of citronella on the label and correcting the CSF to declare oil of citronella as a fragrance. The inert ingredient statement on the product label should not list the inert ingredients separately. The declaration should appear as follows:

INERT INGREDIENTS.....83.9%

(next page)

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

SEP 10 1991


- c. Concerning the Confidential Statement of Formula, it is not appropriate to list the pH of a petroleum-based product.
- d. In the STATEMENTS OF PRACTICAL TREATMENT section, correct the statement following the "If in eyes:" subheading to read as follows: "Contact a physician if irritation persists."
- e. In the ENVIRONMENTAL HAZARDS section, change the sentence to read as follows: "Do not contaminate water by disposal of equipment washwaters."

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(a). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,


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

Enclosures

1120 1001-50
2.57-

**ACCEPTED
With COMMENTS
In EPA Letter Dated
SEP 10 1991**

EQUITEC REPELLENT SPRAY

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
45089-52**

- * **Kills and Repels: Stable Flies, Horn Flies, House Flies, Face Flies, Horse Flies, Deer Flies, Mosquitos and Gnats.**
- * **Also a Grooming Aid and Coat Conditioner.**
- * **Contains Pyrenone , Stabilene and Lanolin.**

ACTIVE INGREDIENTS:

Pyrethrins..... 0.1%
*Piperonyl Butoxide, Technical..... 1.0%
Butoxypolypropylene Glycol.....15.0%

****INERT INGREDIENTS:**

Oil of Citronella..... 1.0%
Other Inerts.....82.9%

*Equivalent to 0.8% (butylcarbityl) (6-propylpiperonyl) ether and 0.2% related compounds

**Contains Petroleum Distillate

PYRENONE - Registered Trademark of Fairfield American Corporation
STABILENE - Registered Trademark of Union Carbide Corporation

KEEP OUR OF REACH OF CHILDREN

CAUTION

See side panel for additional precautions.

NET CONTENTS: _____

ZEMA EQUITEC REPELLENT SPRAY - BACK PANEL

DIRECTIONS FOR USE

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

Equitec Repellent Spray has been especially developed for use on horses. It provides a protective hair coating against flies while imparting a high sheen to the hair when brushed out. 1-2 ounces per head per day gives adequate protection. Apply by either soft cloth or mist spray.

USE TO WIPE ON:

First, brush animal to remove excess dirt and dust. Moisten (but do not wet to the point of dripping) a soft cloth and rub over the hair. It is best to apply by rubbing against the hair growth. Give special attention to the legs, shoulders, shanks, neck and facial areas where flies most often are seen.

Only a light application is required. Avoid using an excessive amount on your horses. Do not wet skin.

After application, brush out thoroughly to bring our bright sheen on the coat.

Repeat daily or as required.

USE AS A SPRAY:

Equitec Repellent Spray may be applied as a fine mist spray to stable area and over and around stabled horses for fast paralysis and kill of flies. Do not wet horse's skin or exceed two ounces per application.

STORAGE & DISPOSAL

*do not reuse
empty container
wash
disposal*

Do not contaminate water, food or feed by storage or disposal. **PESTICIDE STORAGE AND SPILL PROCEDURES:** Store upright at room temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

PESTICIDE DISPOSAL:

Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

CONTAINER DISPOSAL:

Triple rinse (or equivalent) then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other State and local procedures.

BEST AVAILABLE COPY

ZEMA EQUITEC REPELLENT SPRAY - BACK PANEL CONTINUED

CONTAINERS ONE GALLON AND SMALLER:

STORAGE: Store in original container inaccessible to children and pets.

DISPOSAL: Do not reuse container. Wrap container in several layers of newspaper and discard in trash.

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

Harmful if swallowed. Remove or cover exposed foods before spraying. Do not apply to dairy animals.

STATEMENTS OF PRACTICAL TREATMENT

If Swallowed: Do not induce vomiting unless directed by a physician. Petroleum distillate may cause aspiration. Contact a physician immediately.

If In Eyes: Flush eyes with plenty of water. Contact a physician if irritation persists.

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

If On Skin: Remove contaminated clothing and wash affected areas with plenty of soap and water.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Do not apply where run-off is likely to occur. 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.

Buyer assumes all risk of use, storage or handling of this product not in strict accordance with directions given herewith.

ZEMA CORPORATION
Research Triangle Park, NC 27709

EPA Reg. No.

EPA Est. No.

