



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:
45087-60

Date of Issuance:
AUG 5 1997

Term of Issuance: Conditional

Name of Pesticide Product:
Zema Repellent Dip

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

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

Note: Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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 sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following label changes:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No.45087-60".
 - b. Please update your label according to PR Notice 96-6 prior to release (i.e., change "10 weeks of age" to "12 weeks of age", etc...). I have enclosed a copy of the PR Notice for your perusal.

Signature of Approving Official:

Bill Edwards
FOR George LaRocca

Date:

3. Submit two copies of the revised final printed label for the record.

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

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

Sincerely yours,



for George T. LaRocca
Product Manager (13)
Insecticide Branch
Registration Division (7505C)

Enclosures

DRAFT LABEL

Front Panel

Zema Repellant Dip

Long-Lasting Residual Control and Repellency of Fleas and Tick on Dogs

ACTIVE INGREDIENTS:

Permethrin [* (3-Phenoxyphenyl) methyl (±) cis-trans-3-(2,2-dichloroethenyl) 2,2-dimethylcyclopropanecarboxylate].....	3.20%
Related Compounds.....	0.28%
**N-Octyl bicycloheptene dicarboximide.....	15.00%
***INERT INGREDIENTS:	81.52%

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RECEIVED 7/29/91

- * cis-trans isomers ratio: Max. 55% (+ or -) cis and Min. 45% (+ or -) trans
- ** MGK® 264, Insecticide Synergist
- *** Contains petroleum distillate

KEEP OUT OF REACH OF CHILDREN
CAUTION
See Back Panel For Additional Precautionary Statements

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Do not induce vomiting. Call a physician or Poison Control Center immediately. Do not give anything by mouth to an unconscious person.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF IN EYES: Flush with plenty of water. Call a physician if irritation persists.

Net Wt. 4 oz. to 1 gallon

ACCEPTED with COMMENTS in EPA Letter Dated

AUG 5 1991

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 45087-60

4 7 4

DRAFT LABEL

Back Panel

ZEMA REPELLANT DIP

PRECAUTIONARY STATEMENTS

CAUTION

Hazards to Humans and Domestic Animals

Harmful if swallowed, in eyes, inhaled or on skin. Avoid contact with eyes, skin or clothing. Avoid inhaling vapor or spray mist. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact may cause allergic skin reactions in some individuals. It is recommended Professional Groomers wear gloves when using product.

Do not use this or any other pesticide on sick, old, or debilitated animals. Do not use on animals less than 10 weeks of age.

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Environmental Hazards

This product is toxic to fish and other aquatic animals. Do not contaminate any body of water with this concentrate or dip or by cleaning of equipment.

Physical or Chemical Hazards

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

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

Shake Zema Dog Dip well before use. This product must be diluted before use. Shake or stir thoroughly before using or reusing the final diluted emulsified solution.

To Kill Fleas, Lice and Ticks: Dilute 2 fluid ounces (4 tablespoons), with one gallon of water. Use rubber gloves. Dip animal into solution, or sponge on solution, making sure hair is thoroughly wet to the skin. The area around the ears should be sponged thoroughly. Avoid contact of material with eyes and mouth of animal. Allow animal to dry in warm place without rinsing or toweling. Repeat application every two weeks or as necessary.

This concentrate gives long lasting residual control and repellency of fleas and ticks on dogs.

STORAGE AND DISPOSAL

STORAGE: Store in a cool, dry place. Keep container closed.

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

EPA Reg. No. 45087- *AN*
EPA Est. No. 45087-NC-1

Manufactured by: Zema Corporation
PO Box 12803
Research Triangle Park, NC 27709