

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 45087-48	DATE OF ISSUANCE OCT 31 1988
	TERM OF ISSUANCE	
<b>NOTICE OF PESTICIDE:</b> <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	NAME OF PESTICIDE PRODUCT	
	ZEMA DOG & CAT DIF	
NAME AND ADDRESS OF REGISTRANT (Include ZIP code)		
Zema Corporation P.O. Box 12803 Research Triangle Park, NC 27709 <span style="float: right; margin-right: 50px;">160 / 22 1352 18 2</span>		
<p><b>NOTE:</b> 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.</p> <p>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.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>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.</p> <p>This product is conditionally registered in accordance with FIFRA section 3(c)(7)(v) provided that you:</p> <ol style="list-style-type: none"> <li>1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.</li> <li>2. Make the labeling changes listed below before you release the product for shipment:                         <ol style="list-style-type: none"> <li>a. Add the phrase "EPA Registration No. 45087-48."</li> <li>b. Add inhalation instructions to the Statement of Practical Treatment.</li> <li>c. In the Environmental Hazards section, revise the statement regarding contamination of water to read:                                 <p style="margin-left: 40px;">Do not contaminate water when disposing of equipment washwaters.</p> </li> </ol> </li> <li>3. <u>Statement of Composition</u> - submit a complete description of the formulation process. Describe equipment used, mixing time, temperature, etc.</li> </ol>		
<input type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE
		10/31/88

4. 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(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

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

Enclosures

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ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

OCT 31 1988

DRAFT LABEL

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

45087-48

FRONT PANEL

ZEMA DOG & CAT DIP

Residually Controls Fleas, Lice and Ticks on Dogs and Cats

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%

\*cis-trans isomer ratio: Min. 35% (±) cis  
Max. 65% (±) trans

\*\*MGK 264, Insecticide Synergist

\*\*\*Contains petroleum distillate

KEEP OUT OF REACH OF CHILDREN

WARNING

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Gastric lavage is indicated if material was taken internally. DO NOT INDUCE VOMITING. Vomiting may cause aspiration pneumonia.

IF ON SKIN: Remove contaminated clothing and wash affected areas with soap and warm water.

IF IN EYES: Flush with plenty of water. Get medical attention if irritation persists.

Net Weight 4 oz. to one gallon

BACK PANEL

ZEMA DOG & CAT DIP

PRECAUTIONARY STATEMENTS

WARNING

Hazards to Humans and Domestic Animals

Causes skin irritation. Harmful if swallowed. Contains petroleum distillate. Do not induce vomiting because of aspiration hazard. Do not get in eyes, on skin, or on clothing. Do not contaminate food or feed-stuffs with this concentrate or dip.

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

Environmental Hazards

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

To Kill Fleas, Lice and Ticks: Dilute 2 fluid ounces (4 tablespoons), with one gallon of water. Use rubber gloves. Work in well ventilated area. Dip animal in 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. Dipping should not exceed 30 seconds. 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 and cats.

STORAGE AND DISPOSAL

Storage: Store in cool dry area away from heat or open flame.

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

EPA Reg. No. 45087-\_\_\_\_\_

EPA Est. No. 45087-NC-1

UPC

Supplied by: Zema Corporation  
Research Triangle Park, NC 27709