



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

28293-288

Date of Issuance:

APR 16 1997

NOTICE OF PESTICIDE:
 x Registration
 Reregistration

Term of Issuance:

Conditional

(under FIFRA, as amended)

Name of Pesticide Product:

Unicorn Synergized
Pour-On Insecticide
II

Name and Address of Registrant (include ZIP Code):

Unicorn Laboratories
13535 Feather Sound Drive, Suite 400
Clearwater, FL 34622-5587

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 labeling changes listed below before you release the product for shipment:

a. Add the phase "EPA Registration No. 28293-288

Signature of Approving Official:

Date:

b. Under environmental hazards delete "other" in the first sentence.

c. Under environmental hazards change "Do not apply directly to water, to areas where surface waters are present or to intertidal areas below the mean high water mark." to "Do not apply directly to water."

d. You may delete the "IF INHALED" section.

e. The dosages for Pour On Back Rubber and Premise Spray are lower than the referenced product. Does efficacy data support the lower rate? If not revise as follows:

(1) Under Application Instructions Dosage: change "2 ml. per 100 lbs. body wt. of animal, up to maximum of 20 ml." to read "3 ml. per 100 lbs body wt. of animal, up to maximum of 30 ml."

(2) Under Application Instructions Back Rubber Use: change "Mix 64 ml. (2.1 oz) per gallon" to read "Mix 100 ml. (3.3 oz) per gallon"

(3) Under Application Instructions For use as a Ready-To-Use Spot Spray or Premise Spray: change "600 ml will treat approximately 7,200 square feet." to read "One gallon will treat approximately 7,300 square feet."

f. Depending on which of the options you use from comment e. Revise the first paragraph under application instructions to read: Apply ___ ml per 100 lbs. body weight of animal to a maximum of ___ ml for any one animal when applied as a pour on or spray.

3. Submit two (2) 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.

Enclosures

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**UNICORN
SYNERGIZED POUR-ON INSECTICIDE II**

**Kills lice and flies on cattle
For Use on Beef Cattle, Lactating and Non-lactating Dairy Cattle,
and Their Premises**

**Synergized Formula For Effective Control
For Use as a Pour-On, Mist Spray or Back Rubber**

ACTIVE INGREDIENT

Permethrin (3-phenoxyphenyl) methyl (±) cis, trans-3-(2,2-dichloroethenyl) 2,2-dimethylcyclopropanecarboxylate*.....	5.0%
Piperonyl Butoxide Technical**.....	5.0%

<u>INERT INGREDIENTS***</u>	90.0%
	100.0%

* Cis/trans ratio:Min. 35% (±) cis
Max. 65% (±) trans

** Equivalent to Min. 4.0% (butylcarbityl)(6-propylpiperonyl)
ether and 1.0% related compounds.

*** Contains Petroleum Distillate

Keep Out of Reach of Children

CAUTION

See Side/Back Panel for Additional Precautionary Statements

**NET WEIGHT: ONE GALLON
(3.785 Liters)**

Manufactured by:

**Unicorn Laboratories
13535 Feather Sound Drive, Suite 400
Clearwater, Florida 34622-5587**

ACCEPTED
with COMMENTS
in EPA Letter Dated

EPA REG. NO. 28293-*FII*

APR 16 1997

EPA EST. NO. 62478-FL-1A
44616-MO-1B

Subscript used is first letter of
run code on container.

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

28293-288

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PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if absorbed through skin. Avoid contact with skin, eyes and clothing. Avoid breathing vapor or mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Remove contaminated clothing and wash contaminated clothing before reuse. Wash thoroughly with soap and water after handling.

Statement of Practical Treatment

IF IN EYES: Immediately flush eyes with plenty of water. Get medical attention if discomfort persists.

IF ON SKIN: Wash skin with soap and water. Get medical attention.

IF SWALLOWED: Call a physician immediately. **DO NOT INDUCE VOMITING UNLESS UNDER MEDICAL ATTENTION** as vomiting may cause aspiration pneumonia

IF INHALED: Remove victim to fresh air. Apply artificial respiration if necessary.

Environmental Hazards

This product is extremely toxic to fish and other aquatic invertebrates. Do not add directly to water, to areas where surface waters are present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on this label.

Physical or Chemical Hazards

Do not use or store near heat or open flame.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Keep container sealed when not in use. Do not store near food or feed.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at 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 incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE

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

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EXCEPT FOR BACK RUBBER/READY TO USE
No dilution necessary

IMPORTANT NOTE: Concentrated formulation - Use only with an accurate measuring container or applicator.

APPLY TO	TARGET INSECTS	APPLICATION INSTRUCTIONS
Lactating and Non-Lactating Dairy Cattle, Beef Cattle and Calves	Lice, Horn Flies, Face Flies. Aids in control of Horse Flies, Stable Flies, House Flies, Mosquitoes and Black Flies. Controls Horn Flies up to 6 weeks after application.	DOSAGE: Apply 2 ml. per 100 lbs body wt. of animal, up to a maximum of 20 ml. For any one animal when Applied as pour-on or spray. POUR-ON: Pour correct dose along back and down face. READY-TO-USE SPRAY: Use undiluted in a mist sprayer to apply correct dose. Apply directly to neck, face, back, legs and ears. BACK RUBBER USE: Mix 64 ml. (2.1 oz) per gallon of mineral oil. Keep rubbing device charged. Results improved by daily forced use.
Premises - in and around Beef, Dairy, Swine and Poultry Premises, Animal Hospital Pens and Kennels and "outside" Meat Processing Premises.	House Flies, Stable Flies, Face Flies, Gnats, Mosquitoes, Black Flies, Fleas, Little House Flies (<i>Fannia spp.</i>). Aids in control of cockroaches, ants, spiders, and crickets.	For use as a Ready-To-Use Spot Spray or Premise Spray: Use undiluted in a mist sprayer. Apply directly to surface to leave a residual insecticidal coating, paying particular attention to areas where insects crawl or alight. 600 ml. will treat approximately 7,200 square feet.

For cattle, repeat treatment as needed, but no more often than once every two weeks. For optimum lice control, two treatments at a 14-day interval are recommended.

Special Notes: This product is not effective in controlling cattle grubs. This is an oil-base, ready-to-use product, that may leave an oily appearance on the hair coat of some animals. This product should be used in an integrated pest management system which may involve repeat treatments and the use of other pest control practices.

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