

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	EPA REGISTRATION NO. 28293-79	DATE OF ISSUANCE
	TERM OF ISSUANCE Until Reregistered	
	NAME OF PESTICIDE PRODUCT Unicorn Sivovap Insecticide Emulsifiable Dairy & Livestock Spray	

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Unicorn Laboratories
 P.O. Box 90014
 Houston, TX 77090

161 / 15 27 20
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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 and/or 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.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Add the phrase "EPA Registration No. 28293-79."
 - b. 
 - c. Add an asterisk to INERT INGREDIENTS* and a footnote "**Contains Petroleum Hydrocarbons."

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL:  DATE: 3/20/86

- d. The respirator advice should be revised to reflect the current names of the regulating agencies as follows:

Wear a respirator jointly approved by the Mine Safety and Health Administration and the National Institute for Occupational Safety and Health for pesticide application under the provisions of 30 CFR Part 11.

- e. Revise your "If swallowed" statement as follows, unless you have toxicity data/use information contrary to our recommendation:

If swallowed - Call a physician or Poison Control Center immediately. If possible, vomiting should be induced under medical supervision. Drink one or two glasses of water and induce vomiting by touching the back of throat with a finger. Do not induce vomiting or give anything by mouth to a unconscious or convulsing person.

- f. Revise:

If in eyes - Flush eyes with plenty of water. Call a physician immediately.

- g. Revise:

Note to Physician

Symptoms: Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive pin-point pupils, salivation, sweating, nausea, vomiting, diarrhea, and abdominal cramps.

Treatment: Atropine is the specific therapeutic antagonist of choice against parasympathetic nervous stimulations. If there are signs of parasympathetic stimulation, atropine should be injected at 10-minute intervals in doses of 1 to 2 milligrams until complete atropinization has occurred. Morphine is contraindicated. Clear chest by postural drainage. Oxygen administration may be necessary. 2-PAM is also antidotal and may be administered in conjunction with atropine. Observe patient continuously for 48 hours. Repeated exposure to cholinesterase inhibitors may, without warning, cause prolonged susceptibility to very small doses of any cholinesterase inhibitor. Allow no further exposure until cholinesterase regeneration has been attained as determined by blood test.

- h. Change "Do not apply directly to lakes, ponds or streams" to "Do not apply directly to water."
- i. Delete "which is" in the misuse statement.
- j. Add the following to the DIRECTIONS FOR USE.

Do not apply to calves under 6 months of age. Do not apply to Brahman cattle or Brahman crosses as they may show hypersensitivity to organic phosphate insecticides. Do not wet the skin because of possible skin irritation. After treating dairy animals, wash the teats with an approved cleaning solution and then dry them before milking. Do not treat sick or convalescing animals. Do not apply dermally in conjunction with trichlorfon and do not use on animals simultaneously or within a few days before or after treatment with, or exposure to, cholinesterase inhibiting drugs, pesticides, or chemicals.

- k. Revise the Storage and Disposal block according to PR Notices 83-3 and 84-1. Your application of November 27, 1984, indicates 1 quart, 1 gallon, and 5 gallon containers made of glass.
- l. Under Directions for Use change "safe" to "appropriate."
- 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(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

UNICORN
SIOVAP
INSECTICIDE EMULSIFIABLE
DAIRY & LIVESTOCK SPRAY

Contains STIROFOS & DDVP Insecticides

Controls Flies - Lice - Lone Star Ticks on Dairy Cattle,
Beef Cattle, Sheep, Goats, Hogs, Horses, and Chorioptic
Mites On Dairy and Beef Cattle

ACTIVE INGREDIENTS:

Dimethyl phosphate of alpha-methylbenzyl 3-hydroxy-cis-crotonate	10.0%
2,2-Dichlorovinyl dimethyl phosphate	2.3%
Related Compounds	0.2%
.....

INERT INGREDIENTS: 10.5%

KEEP OUT OF REACH OF CHILDREN

WARNING

See Back Panel For Additional Precautions

~~ADDITIONAL~~
~~AND COMMENTS~~
On EPA Letter Dated:

APR 28 1986

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for all
registered uses:

26293-79

Net Contents: 1 Quart

Manufactured By

UNICORN LABORATORIES

HOUSTON, TX. 77090

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Hazardous if swallowed, inhaled or absorbed through skin. Wash thoroughly with soap and water after handling and before eating or smoking. During commercial or prolonged exposure in spray-mixing loading operation, wear clean rubber gloves and a mask or respirator of a type found suitable by the U.S. Bureau of Mines for protection against STIRCFOS & DDVP. Do not apply dermally in combination with Trichlorofon. Do not treat animals within one day of slaughter.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a Physician or Poison Control Center immediately. Induce vomiting by sticking finger down back of throat. Never give anything by mouth to an unconscious person.

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

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

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

NOTE TO PHYSICIAN: Atropine Sulfate is antidotal. Morphine is contraindicated.

CHEMICAL AND PHYSICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and wildlife. Do not apply directly to lakes, ponds or streams. 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 which is inconsistent with its labeling.

SIOVAP Insecticide Emulsifiable must be mixed with water or oil, depending on use, prior to using. SIOVAP is suitable for use in conventional power or low pressure knapsack sprayers, electric misters, and in cattle rubbing devices. Follow the USE DIRECTIONS for the proper percent solution needed for a specific use and insect problem. Follow the remarks for the safe use and best results in using this product. Refer to the DILUTION TABLE for the amount of SIOVAP required to make the percent and quantity of spray solution needed.

USE DIRECTIONS

USE	INSECTS CONTROLLED	% OF SOLUTION	REMARKS
Direct Application Dairy Cattle Beef Cattle Horses Ponies	Horn Flies Face Flies Stable Flies House Flies	1%	FINE MIST- Apply 1-2 oz. daily per animal with a low pressure sprayer or electric mister. Do not exceed 2 oz. per animal.
		0.5%	COARSE SPRAY--Apply 1-2 qts. spray solution per animal with a high pressure sprayer. Repeat as necessary but not more often than once every 7 days.
Direct Application Dairy Cattle Beef Cattle Sheep Goats Hogs	Lice Winter Ticks Lone Star Ticks Chorioptic Mites (dairy & beef cattle only)	0.25%	Spray animals thoroughly using up to 1 gallon of spray solution per animal. Apply a second application 10-14 days later. Repeat as necessary but not more often than once every 7 days.
Back or Facerubbers Dairy Cattle Beef Cattle	Horn Flies Face Flies	1%	Mix with diesel oil or any approved backrubber base oil. Keep rubbing device charged.
Surface Spray Dairy Barns Swine Barns Livestock Sheds Other Fly Resting and Breeding Areas	House Flies Stable Flies Face Flies	1%	Apply as a coarse spray to the point of run-off to ceilings, walls, fences, posts, manure piles or other fly resting and breeding areas. Spray at least twice monthly. Do not use in poultry houses.

DILUTION TABLE

AMOUNT OF SIOVAP INSECTICIDE EMULSIFIABLE	AMOUNT OF WATER			AMOUNT OF OIL BACKRUBBER OR FACERUBBER (1%)
	FINE MIST SPRAY 1%	COARSE SPRAY (0.25%) (0.5%)		
1 pint	1 1/2 gallons	6 gallons	3 gallons	2 gallons
1 quart	3 gallons	12 gallons	6 gallons	4 gallons
1 gallon	12 gallons	48 gallons	24 gallons	15 gallons

STORAGE AND DISPOSAL

STORAGE: Do not contaminate water, food or feedstuffs by storage or disposal.

DISPOSAL: Triple rinse and dispose of in a sanitary landfill or by other approved State and local precedures.

E.P.A. REG. NO. 28293-X

E.P.A. EST. NO. 28293-TX-1