


US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 28293-81	DATE OF ISSUANCE FEB 5 1986
	TERM OF ISSUANCE	
<b>NOTICE OF PESTICIDE:</b> <input type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION <i>(Under the Federal Insecticide, Fungicide,          and Rodenticide Act, as amended)</i>	NAME OF PESTICIDE PRODUCT  Unicorn Delnav Livestock Spray	
	NAME AND ADDRESS OF REGISTRANT (Include ZIP code)	
Unicorn Laboratories P.O. Box 90014 Houston, TX 77090		
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. 28293-81."		
b. Please provide the following product specific data:		
(1) A brief description of the formulation process.		
(2) The specific certified limits of <u>all</u> individually added inert ingredients as well as specific certified limits in terms of pure active ingredients.		
(3) Viscosity.		
(4) A specific value for the flashpoint.		
<input type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL		DATE
		2/5/86

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3. Delete "For at least 15 minutes" from Statement of Practical Treatment.
4. A statement similar to the following should be added to the Statement of Practical Treatment:

NOTE TO PHYSICIANS: <sup>In symptoms of cholinesterase</sup>  
~~prolonged or careless use may~~  
 cause cholinesterase inhibition. Atropine is  
 antidotal. 2-PAM is also antidotal and may be  
 administered in conjunction with atropine.

5. Delete the term "Resistant" from the label.
6. Refer to PR Notice 83-3 in regard to the appropriate Storage and Disposal statement. Please note that the active ingredient "Xylene" appears on the RCRA "F" list, therefore the proper Disposal Statement should read as follows:

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

7. Add the statement "Recommended for Agricultural Use Only."
8. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for 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.

Sincerely yours,

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

Enclosures

UNICORN  
DELNAV LIVESTOCK SPRAY & DIP  
BACK RUBBER CONCENTRATE

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

FEB 5 1986

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

26293-81

ACTIVE INGREDIENTS:		
Dioxathion	[2,3-p-dioxanedithio] S,S,-bis	
	(0,0-diethyl phosphorodithioate)	10.35%
Related compounds		4.35%
INERT INGREDIENTS:*		85.30%
* Contains Xylene As Solvent		100.00%

KEEP OUT OF REACH OF CHILDREN

WARNING

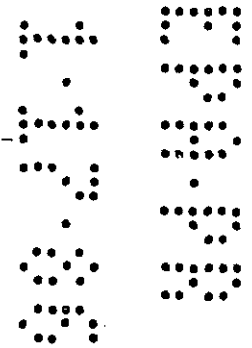
See Other Panel For Additional Precautions

STATEMENT OF PRACTICAL TREATMENT

- IF SWALLOWED: Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Call a Physician immediately. Do not induce vomiting or give anything by mouth to an unconscious person.
- IF INHALED: Remove victim to fresh air. Apply respiration if indicated.
- IF ON SKIN: Remove contaminated clothing and wash affected areas with soap and water.
- IF IN EYES: Flush eyes for a least 15 minutes with water. Call a Physician if irritation persists.

NET CONTENTS: 1 Gallon

Manufactured By  
UNICORN LABORATORIES  
HOUSTON, TX. 77090



## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**WARNING:** May be fatal if swallowed, inhaled, or absorbed through skin. Rapidly absorbed through skin. Repeated inhalation or skin contact may, without symptoms, be increasingly hazardous. Do not breath spray mist. Do not get in eyes, on skin, or on clothing. Wear clean natural rubber gloves, clean protective clothing, and goggles. Replace gloves frequently and destroy used gloves. Wear a mask or respirator of a type approved by the Mine Safety and Health Administration or the National Institute for Occupational Safety and Health for organic phosphorous insecticide protection. Do not contaminate feed and foodstuffs. Wash hands thoroughly after using and before smoking or eating. In case of contact, immediately remove contaminated clothing and flush skin or eyes with plenty of water; for eyes get medical attention. Wash contaminated clothing with soap and hot water before reuse. Do not allow unprotected persons where this material is being handled.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Do not apply directly to lakes, streams or ponds. Apply this product only as specified on this label. Do not contaminate water by cleaning of equipment or disposal of wastes.

### PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store around 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.

Kills resistant and hard to kill external animal parasites. No waiting period between last application and slaughter. One gallon makes 100 gallon of spray. Do not use on dairy animals or in dairy barns.

#### AS A SPRAY

**ON CATTLE, HORSES, SHEEP GOATS AND HOGS:** To control horn flies, lice, ear ticks, Lone Star ticks, Gulf Coast ticks, winter ticks, and cattle fever ticks, KEDS, wool moggots, mix one gallon of Delnav LIVESTOCK SPRAY AND DIP with 100 gallons of water and stir well to form a creamy emulsion. Spray animals with a strong spray to penetrate to the skin. Wet all portions of skin thoroughly. Approximately 2 quarts of spray are required for a full grown cow, and proportionately less for smaller animals. Be sure not to overdose young animals. Repeat as necessary but not more often than once every two weeks. One spray with Delnav LIVESTOCK SPRAY AND DIP will control horn flies up to 3 weeks and a single application will control lice.

**BACK RUBBER APPLICATION:** For control of hornflies and lice on cattle, dilute 1 part Delnav LIVESTOCK SPRAY CONCENTRATE with 9 parts backrubber oil. Apply with conventional cattle oilers. Do not use on dairy cattle. Do not spray animals with this solution.

AS A DIP

For Cattle, Horses, Sheep and Goats: Mix one gallon of DELNAV with 100 gallons of water. Stir well to form a creamy emulsion. Water animals well before dipping to prevent drinking of dip solution. Hand dipping of young animals will prevent swallowing of dip solution. Do not dip calves less than 3 months of age. Do not retreat more often than every two weeks.

REPLENISHMENT

During dipping operation, each time the dip volume is reduced by 1/8 of its initial volume, replenish the bathe by adding 1 gallon of DELNAV for each 75 gallons of water required to restore the dip to its initial volume.

For dip operations, continue dipping and repeat replenishment procedure each time dip volume is reduced by 1/8 of its initial volume. Vat should be emptied, cleaned and recharged each time: (a) The number of animals dipped equals doubled the number of gallons of water in the initial bath volume; (b) When the dip becomes too foul for satisfactory use; or (c) When the vat has been charged for 60 days, whichever comes first.

STORAGE AND DISPOSAL

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

Pesticide Disposal: Pesticide, spray mixture or rinsate that can not be used according to label instructions must be disposed of according to Federal, State or Local procedures under the Resource Conservation and Recovery Act.

Container Disposal: Triple rinse and dispose of in a sanitary landfill or by other approved State and Local procedures.

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

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

