

DRAFT LABEL

(FRONT PANEL)

DELNAV  
LIVESTOCK EMULSIFIABLE CONCENTRATE

For Control of Ticks, Hornflies, Keds and  
Wool Maggots on Cattle, Swine, Sheep,  
Goats, and Horses

No Waiting Period Between Last Application  
and Slaughter

Protects Against Reinfestation

PERMITTED FOR USE IN OFFICIAL DIPPING

ACCEPTED  
MAY  
2/6/59

Ingredients	% By Weight
Active Ingredients	
Diexathion [ 2,3-p-dioxanedithiol S,S-bis (0,0-diethyl phosphorodithioate)]	20.70
Related Compounds	7.66
Inert Ingredients	71.64
	<u>100.00</u>

This product contains xylene-range aromatic solvent.  
One gallon contains 2.5 pounds of Delnav.

EPA Reg. No. 45639-

KEEP OUT OF REACH OF CHILDREN



**DANGER POISON**



STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: CALL A PHYSICIAN OR POISON CONTROL CENTER. DRINK  
1 OR 2 GLASSES OF WATER AND INDUCE VOMITING BY TOUCHING BACK OF  
THROAT WITH FINGER. DO NOT INDUCE VOMITING OR GIVE ANYTHING BY  
MOUTH TO AN UNCONSCIOUS PERSON. CONTAINS XYLENE-RANGE AROMATIC  
SOLVENT. SEE "NOTE TO PHYSICIAN."

IF IN EYES - FLUSH WITH CLEAN WATER FOR AT LEAST 15 MINUTES WHILE  
HOLDING EYELIDS OPEN. CALL A PHYSICIAN IMMEDIATELY.

IF ON SKIN - WASH WITH PLENTY OF SOAP AND WATER. GET MEDICAL  
ATTENTION. AT THE END OF THE WORKING DAY, BATHE ENTIRE BODY  
WITH PLENTY OF SOAP AND WATER.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

Net Contents \_\_\_\_\_

Manufactured for:

NOR-AM Chemical Company  
4311 Lancaster Pike, P.O. Box 2667  
Wilmington, DE 19805

4563167

LEFT  
(SIDE PANEL)

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS  
(AND DOMESTIC ANIMALS)

**DANGER POISON**

FATAL IF SWALLOWED. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING OR SMOKING. MAY BE FATAL IF ABSORBED THROUGH THE SKIN OR INHALED. DO NOT BREATHE VAPORS. CORROSIVE. CAUSES IRREVERSIBLE EYE DAMAGE. WEAR GOGGLES OR FACE SHIELD. CAUSES BURNS. REPEATED EXPOSURE MAY, WITHOUT SYMPTOMS, BE INCREASINGLY HAZARDOUS.

Use this material with extreme care. It is a cholinesterase inhibitor. Do not get in eyes or on skin or clothing.

Wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30CFR Part II.

Do not touch with bare skin. Wear clean protective clothing (rubber gloves, boots and goggles).

Remove contaminated clothing and wash skin thoroughly with soap and water. Do not eat or smoke during exposure. Wash hands and face before eating or smoking. After use, bathe thoroughly and change to clean clothing.

Wash all contaminated clothing with soap and hot water before reuse.

During application keep unprotected persons away from areas being treated or where there may be drift. Do not contaminate feed or foodstuffs.

CALL A PHYSICIAN IMMEDIATELY IN ALL CASES OF SUSPECTED POISONING.

NOTE TO PHYSICIAN:

If swallowed, use gastric lavage. Avoid aspiration. Give 2 to 4 milligrams (1/30 to 1/15 grain) atropine sulfate intravenously. Repeat 5 to 10-minute intervals until signs of atropinization appear (dry, flushed skin and tachycardia). If excessive secretions occur, keep patient fully atropinized by giving atropine every hour up to 25 to 50 milligrams in one day. If patient fails to respond satisfactorily to atropine, give 1 gram of 2-PAM intravenously.

Artificial respiration and oxygen administration may be necessary. Decontaminate skin, stomach, and eyes as indicated. A mild degree of atropinization should be maintained for 24-48 hours, and the patient

45639-69

observed continuously for 48 hours and treated symptomatically.  
Respiratory irritation caused by inhaling the formulation should be treated symptomatically.

Symptoms and signs of poisoning: headache, nervousness, blurred vision, nausea, cramps, pain in chest, sweating, constricted pupils, tearing, salivation, cyanosis, and muscle twitching.

11563-031

LEFT  
(SIDE PANEL CONTINUED)

ENVIRONMENTAL HAZARDS

This product is toxic to wildlife.  
Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas.

- . Do not apply when weather conditions favor drift from areas treated.
- . Do not contaminate water by cleaning of equipment or disposal of wastes.
- . Apply this product only as specified on this label.

PHYSICAL OR CHEMICAL HAZARDS

FLAMMABLE! KEEP AWAY FROM HEAT OR OPEN FLAME. In case of spillage, cover with an absorbent such as soda ash, lime, clay, or sawdust. Sweep up. Wash area thoroughly with strong lye solution.

BE CAREFUL AND WARN THE USER TO BE CAREFUL.

NOTICE TO DRUM HANDLERS: IN CASE OF FIRE, LEAKY OR DAMAGED DRUMS, OR OTHER EMERGENCY, REPORT AT ONCE BY TOLL-FREE TELEPHONE TO 800-424-9300.

DISCLAIMER OF WARRANTIES: THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of **NOR-AM Chemical Company** is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. UNDER NO CIRCUMSTANCES SHALL **NOR-AM Chemical Company** BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM FAILURE TO USE THIS PRODUCT IN ACCORDANCE WITH LABEL DIRECTIONS.

45639-654

RIGHT  
(SIDE PANEL)

DIRECTIONS FOR USE

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

Controls Ticks, Lice, Hornflies, Keds, and Wool Maggots on Cattle, Swine, Sheep, Goats, and Horses.

IMPORTANT

Do not use of food crops  
Do not use concentrations greater than those recommended.  
Do not use on dairy animals or in dairy barns.  
Do not dip animals under 3 months of age.  
Do not dip or spray foals.  
Do not apply to dairy goats.

SPRAY OR DIP

Mix 1 gallon Delnav Livestock E.C. in 200 gallons of water. Mix thoroughly. Spray or dip as required. Repeat application when necessary but not more often than once every two weeks. No waiting period required between last application and slaughter.

RESIDUAL PROTECTION

Delnav Livestock E.C. provides long-lasting protection against reinfestation of ticks and 3-week protection against hornflies. A single treatment is usually sufficient for lice and keds. For biting lice on goats, a second application after 21 days may be needed for complete clean up. Delnav Livestock E.C. is useful in providing up to 2 months' protection against wool maggots.

SPRAYING

Make sure spray is thoroughly mixed before application. Spray to thoroughly wet animals for best results. Do not allow animals to drink from runoff pools.

DIPPING

Thoroughly mix Delnav Livestock E.C. and water in vat before dipping. Water animals before dipping to prevent drinking or dip wash. In routine dipping, if it is necessary to treat animals under the age of 3 months, spraying is recommended. In quarantine dipping for fever tick control, when animals of all ages must be dipped, individual hand immersion of young animals is essential to avoid swallowing of dip wash.

REPLENISHMENT

Add 1 gallon of Delnav Livestock E.C. to each 200 gallons of fresh water added to dipping vat.

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(RIGHT SIDE PANEL CONTINUED)

<u>Amount of Delnav Livestock E.C.</u>	<u>Volume of Water Spray or Dip</u>	<u>Volume of Oil Back Rubber Use Only</u>
8 oz.	12 gal.	1 gal. and 3 qts.
1 pint	25 gal.	2-1/2 gal.
1 qt.	50 gal.	5 gal.
2 qts.	100 gal.	10 gal.

**BACK RUBBERS**

As an aid in the control of hornflies and lice on beef cattle, dilute Delnav Livestock E.C. at the rate of 2 gallon to 19 gallons of diesel fuel or light motor oil. Change rubbing device as required. Do not spray animals with this oil solution.

**POUR-ON**

To control hornflies on beef cattle dilute 1 gallon of Delnav Livestock E.C. with 49 gallons of water and apply 1 quart of solution along the back line of each animal. Do not retreat more often than every 30 days.

**STORAGE AND DISPOSAL**

Not for storage in and around the home environment.  
Do not contaminate water, food, or feed by storage or disposal.

Pesticide wastes are acutely hazardous. 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.

**CONTAINER DISPOSAL** - Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.

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9/16/87

<p>U.S. ENVIRONMENTAL PROTECTION AGENCY          OFFICE OF PESTICIDE REGISTRATION          400 RAVENSWOOD DRIVE, WASHINGTON, D.C. 20506</p> <p><b>NOTICE OF PESTICIDE</b></p> <p>Under the Federal Insecticide, Fungicide, and Rodenticide Act</p>	<p>EPA REGISTRATION NO. _____</p> <p>DATE OF EXPIRANCE  <b>29 MAY 1984</b></p>
<p>NAME AND ADDRESS _____</p> <p style="text-align: right; font-size: 2em;">120100/166 1/18</p>	
<p><b>NOTE:</b> Changes in labels, packaging, etc., for a pesticide that is registered 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 problem always refer to the name of the U.S. EPA registration number.</p>	
<p>On the label of this pesticide, the words "Registered" or "Not Registered" are printed. Registered/Registered under the Federal Insecticide, Fungicide, and Rodenticide Act.</p>	
<p>All copies of this label must be retained with the pesticide. Registrations returned herewith.</p>	
<p>Registration is not a guarantee of safety or efficacy, and does not imply approval of the product by this Agency. In order to protect health and the environment, all pesticides must be used in accordance with any restrictions, cautions, and the registration of a pesticide. For more information, contact the Registration Division, Office of Pesticide Regulation, U.S. EPA, Washington, D.C. 20506. A copy of the Federal Insecticide, Fungicide, and Rodenticide Act is available for free from the National Technical Information Service, Springfield, Virginia.</p>	
<p><input type="checkbox"/> _____</p> <p>SIGNATURE</p>	<p>DATE</p>

45631-01

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not a condition of this registration, it is a recognized data gap. This requirement may be filled by either a dermal sensitization study on the manufacturing grade product (as indicated in the standard) or on a product-specific basis.

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

Enclosure

REVISED: RD/IRB:DCR-04430:LaRocca:Raven:557-2226:pjb:RD-07:5/31/84:Del.6/15/84

1. Please note that since we do not disclose the active ingredient to formulate this product, it has not been subject to the 60-day comment period (Registration Division) for this product.

BEST DOCUMENT AVAILABLE