

(YELLOW BACKGROUND)

Label - Del-Tox

(Front Panel)

Del-Tox®
Delnav* Emulsifiable Liquid

- Kills: Ticks, Lice, Horn Flies, Keds and Wool Maggots on Cattle, Swine, Sheep, Goats and Horses
- Makes 50 gallons of Spray or Dip
- No Waiting Period Between Last Application and Slaughter
- Protects Against Reinfestation

Active Ingredient

Dioxathion [2,3-p-dioxanedithiol S,S-bis (0,0-diethyl phosphorodithioate)].	20.40%
Inert Ingredients.	79.60%
	<u>100.00%</u>

One quart contains 0.64 pounds of Delnav*

*Registered trademark used by NOR-AM Chemical Company

ACCEPTED
with COMMENTS
by EPA Letter Dated:

JUN 27 1984

Under the Federal Insecticide, Fungicide, and Rodenticide Act, this product is registered under FIFRA 59-128

(RED CIRCLE (RED)
BLACK BACKGROUND
WHITE REVERSE (WHITE))

KEEP OUT OF REACH OF CHILDREN
DANGER POISON
SEE BACK PANEL FOR ADDITIONAL
PRECAUTIONARY STATEMENTS

(RED)

Net Contents One Quart (U.S. Measure)

(WHITE REVERSE TYPE)

EPA Est. 59-NC-1

EPA Reg. No. 59-128

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BAR)



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(Back Panel)

Del-Tox®
Delnav* Emulsifiable Liquid

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER**

Poisonous if swallowed. May be fatal if absorbed through skin. Do not get on skin or clothing. Do not breathe vapors or spray mist. Avoid contact with eyes. Use respirator or goggles if necessary.

Do not contaminate feed or foodstuffs. Food utensils such as teaspoons and tablespoons should not be used for food purposes after use with pesticides.

Do not use concentrations greater than those recommended. Apply this product only as specified on this label.

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.

IMPORTANT: Do not treat pets with this product.

Pay strict attention to warning statements on Del-Tox containers.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Call a physician/veterinarian or Poison Control Center immediately. DO NOT INDUCE VOMITING, unless under medical supervision. Vomiting may cause aspiration pneumonia.

If Inhaled: Remove victim to fresh air. Apply respiration if indicated.

If On Skin: Wash immediately with plenty of soap and water.

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If In Eyes: Immediately flush eyes with plenty of water. Get medical attention if irritation persists.

Note to Physician/Veterinarian: This product contains an organophosphate and petroleum distillates. ATROPINE IS ANTIDOTAL for the organophosphate ingredient.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, wildlife and birds. Keep out of any body of water. Do not contaminate water by cleaning of equipment or by disposal of wastes.

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.

Kills: Ticks, lice, horn flies, keds and wool maggots on cattle, swine, sheep, goats and horses.

Spray or Dip: Mix at the rate of 1 quart Del-Tox in 50 gallons of water. Mix thoroughly. Spray or dip as required but no more often than every two weeks. The use of Del-Tox requires no waiting period between application and slaughter.

Long-Lasting Protection: Del-Tox provides long-lasting protection against reinfestation of ticks and three week protection against horn flies. A single treatment is usually sufficient for lice and keds. For biting lice on goats, a second application after 21 days may be required for complete clean-up. Del-Tox is valuable in providing up to two months protection against wool maggots.

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Spraying: Make sure spray is thoroughly mixed before application. Spray to thoroughly wet animals for best results. Do not allow animals to drink from run-off pools.

Dipping: Thoroughly mix dip before dipping. Water animals before dipping to prevent drinking of 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 quart of Del-Tox to each 50 gallons fresh water added to dipping vat or control replenishment by vatside test.

<u>Amount Del-Tox</u>	<u>Volume of Water Spray or Dip</u>	<u>Volume of Oil Back Rubber Use Only</u>
8 Oz	12 Gal	1-1/4 Gal
1 Pt	25 Gal	2 1/2 Gal
1 Qt	50 Gal	5 Gal

Back Rubbers: As an aid in control of horn flies and lice on beef cattle, dilute Del-Tox at the rate of 1 quart to 5 gallons of diesel fuel or light motor oil. Charge rubbing device as required. Do not spray animals with this solution.

Pour-On: To control horn flies on beef cattle dilute 1 quart of Del-Tox with 12 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

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

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

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Pesticide 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 dispose of in a sanitary landfill or by other approved State and local procedures.

Wellcome Animal Health, Inc.
Kansas City, MO 64108 U.S.A.

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27 JUN 1984

Wellcome Animal Health, Inc.
2000 South 11th St.
Kansas City, KS 66105

Attention: Donald A. Buss

Gentlemen:

Subject: Amendment - Upgrade Signal Word-Resubmission
Del-Tox E. C.
EPA Registration No. 59-128
Your Application dated March 30, 1984

305/118360
17/6

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

While the labeling is being accepted at this time there are certain chemistry deficiencies which need to be addressed by your firm. They are as follows:

1. Please furnish some more detail of the manufacturing process, such as the temperature and duration of the heating, the type of vessel used, and whether the system is dedicated to this product or used for other formulations.
2. The Discussion of Formation of [Unintentional] Ingredients should include an explicit statement about the following three stages of the processing:
 - a) The impurities in the manufacturing concentrate, if the producer is not using a registered concentrate.
 - b) The impurities which may be introduced in the formulating process. See also comment 1.
 - c) The impurities which may be introduced or produced during packaging and storage.
3. Please furnish an experimentally determined viscosity measurement for your product.
4. The certified limit values for the active ingredient are acceptable. Please provide the same information for each of your intentionally added inert ingredients. ^{CONCURRENCES} Expect these values will be based on the observed precision of your weighing procedures rather than analytical results.

SYMBOL							
SURNAME	J. F. ...						
DATE	6/15/84						

-2-

5. The storage stability report is consistent with acceptable stability. The study should continue for the required one-year period.
6. We are unable to verify the identify of the two Witco Chemical Co. emulsifiers, based upon the names provided. Please provide suitable description and/or other trade names.

We would like this information within seventy-five (75) days.

Sincerely yours,

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

RD/IRB:DCR-04446:WANG-0013K:G.LaRocca:cml:Raven:479-2023:6/18/84

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