

Reg # 3442-751

PM-15

10/20/89

1 of 7

LAROCHE INDUSTRIES INC.--

CONTAINER PRINT SPECIFICATIONS

Vertagreen Toxaphene-Lindane

50083  
1 of 7  
09/01/1989

Copy for Middle Panel

**RESTRICTED USE PESTICIDE**

The use of this product may be hazardous to your health. This product contains lindane, which has been determined to cause tumors in laboratory animals. Risks can be reduced by closely following the use directions and precautions, and by wearing the protective clothing specified elsewhere on this label.

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

**VERTAGREEN**

**TOXAPHENE-LINDANE**

**LIVESTOCK & SHEEP DIP CONCENTRATE**

For Use In the Control Of  
Psoroptic & Sarcoptic Mange  
Mites On Cattle and Sheep

ACTIVE INGREDIENTS:	BY WEIGHT
Toxaphene (Technical Chlorinated Camphene containing 67%-69% Chlorine content).....	45.00%
Lindane (Gamma Isomer Of Benzene Hexachloride).....	2.50%
INERT INGREDIENTS.....	52.50%
TOTAL.....	100.00%

EPA Reg. No. 3442-751

EPA Est No. 3442-FL-1

KEEP OUT OF REACH OF CHILDREN

WARNING/AVISO

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente.

Note: Regarding above copy, minimum type size is:  
18 Pt. for WARNING/AVISO  
12 Pt. for KEEP OUT OF REACH OF CHILDREN

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Not Reviewed. Registrant claims to be in accordance with Reregistration of Pesticide Product Guidance for Phase 2 Response, Page 2.12, Active to Inert Change in Status.

Vertagreen Toxaphene-Lindane

50083  
2 of 7  
09/01/1989

See Side Panel for Additional Precautionary Statements

NET CONTENTS: 1 Gal.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed- Call a physician or Poison Control Center immediately. Gastric Lavage is indicated if material was taken internally. Do not induce vomiting. Vomiting may cause aspiration pneumonia.

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

If On Skin - Remove contaminated clothing and wash affected areas with soap and water.

If In Eyes - Flush eyes with plenty of water. Get medical attention immediately.

NOTE TO PHYSICIAN If swallowed use gastric lavage. Avoid aspiration. Toxaphene may produce central nervous system excitation. Control convulsions with barbiturates preferably administered intravenously. Since Toxaphene has a fairly long duration action a long acting barbiturate such as phenobarbital may be used after initial control of convulsions.

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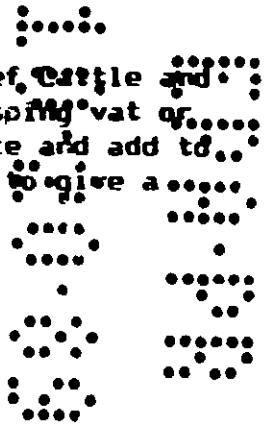
DIRECTIONS FOR USE

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

Protective Clothing Required - Applicators must wear the following protective clothing during the application process; a lightweight protective suit or coveralls; water-resistant hat; unlined, waterproof gloves; and unlined, lightweight boots. Mixers & loaders must also wear goggles or a face shield, waterproof gloves and a waterproof apron.

DIP TREATMENT FOR PSOROPTIC MANGE MITES AND SARCOPTIC MANGE MITES on Beef, Cattle and Sheep. This product may be used for the control of Mange Mites in a dipping vat or with a spray-dip machine. Accurately measure 3 pints of this concentrate and add to 30 gallons of water. (1.5 gallon concentrate per 120 gallons of water). To give a 0.6% Toxaphene dip solution. Thoroughly mix before dipping animals.

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397

Vertagreen Toxaphene-Lindane

50083  
3 of 7  
09/01/1989

From the holding pens, force animals through a chute into the dipping vat allowing at least 1/2 minute for each animal to be immersed in the dipping solution, ducking their heads at least twice before they leave the vat.

**REPLENISHMENT OF DIP SOLUTION IN VAT:** When large numbers of animals have been dipped and the solution level in the vat has become low replenish the vat solution to the proper depth with a pre-measured amount of water and toxicant dip solution which has been pre-mixed in a 30 or 55 gallon clean overhead drum at the rate of 3 pints in 30 gallons of water or 1 1/2 gallon in 120 gallons of water. Do not mix more than needed to replenish the vat to the proper level.

**WARNING:** Do not use this product on animals simultaneously or within 2 weeks before or after treatment with or exposure to other pesticides or chemicals. Make drinking water available to animals before dipping. Dip only healthy adult animals under normal conditions.

Do not dip Dairy Animals or animals under 6 months of age. Do not dip in cold, stormy weather and avoid treatment of overheated or sick animals. Do not dip animals within 60 days of slaughter.

**DISPOSAL OF DIP SOLUTION** After completing the dipping of animals dispose of dip in the following manner

**DISPOSAL OF SPENT CATTLE AND SHEEP DIPS THAT CONTAIN TOXAPHENE**

Used cattle and sheep dip solutions that are intended for disposal must be treated in the manner described below. Treatment in any other manner may result in a violation of Federal and/or State Law.

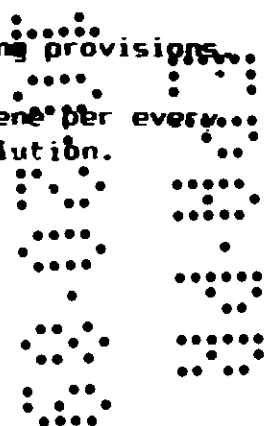
**NOTE:**

Spent cattle dips may NOT be:

Applied to range land or any other area where cattle may graze within one (1) year of application unless the dip is plowed or disked into the soil.

Added to other chemical wastes and disposed of according to the following provisions:

Applied to any given area at a rate that exceeds 3 pounds actual toxaphene per every six (6) months. This quantity is equivalent to 60 gallons of a 0.6% solution.



**BEST AVAILABLE COPY**

4 0 /

Vertagreen Toxaphene-Lindane

50083  
4 of 7  
09/01/1989

The spent cattle dip solution must be applied only to land areas set aside and dedicated to disposal of cattle dip solutions, or to crop lands where corn, small grains, cotton, sorghum and/or soybeans are grown. If these crop areas are not available the dips may be disposed of on rangeland provided livestock do not graze the area at any time during the period of time the material is being applied and for a period of one (1) year following the last application unless the dip is plowed or disked into the soil immediately after application. The dip solutions may be applied directly or mixed with manure and then applied at a consistent rate so that the material is spread evenly over the designated disposal area. In either case, the 3 pounds of active ingredient toxaphene per acre rate over a 6 month period must not be exceeded.

MIXING RATES OF TOXAPHENE AND MANURE TO CONFORM TO NORMAL MANURE APPLICATION RATES

Toxaphene Application Rate Lbs./Acre	Manure Application Rate Tons/Acre	Toxaphene/Manure Ratio Gallons/Acre
3	2.5	24
3	5	12
3	10	6
3	20	3
3	30	2

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Plowing or disking the material into the ground is desirable. Plowing would minimize the possibility of run-off water or wind carrying soil particles that may contain toxaphene into creeks or ponds.

Since toxaphene is extremely toxic to fish, a major danger in land-spreading the spent toxaphene dips is surface run-off water carrying toxaphene bearing particulate matter into a surface water. Therefore it is necessary that the following criteria for selection of the disposal site be observed.

1. Flow of water onto the site should be controlled. If this is a potential problem, a system should be designed, constructed, and operated that is capable of preventing flow onto the disposal area during peak discharge from at least a 25 year storm.
2. The site should be selected so that the surface run-off will be held to a minimum. Soil loss to surface erosion should not exceed 5 tons per year estimated by using the "Universal Soil Loss Equation." (USLE) or should not exceed the soil loss tolerance factor ("t" factor) whichever is less. Technical assistance in making this determination may be obtained from the USDA. In addition the soil textures above the water table should be finer than loamy sand.

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Vertagreen Toxaphene-Lindane

50083  
5 of 7  
09/01/1989

3. The owner or operator should design, construct, operate, and maintain a containment system that will prevent or minimize loss of surface materials from the site. (Unless the site is selected to meet criteria for minimum run-off or soil erosion.) The system should be maintained during the period that the site is used for disposal of toxaphene dips and for a period of at least 1 year following the last application.
4. If the disposal area is subject to wind dispersal of particulate matter sound land management procedures should be instituted to control such erosion.
5. During the first year of use each disposal site must be inspected monthly and after storms to be sure that surface erosion is not taking place.
6. The entire disposal area, except for plowed or disked rangeland must be fenced or otherwise secured to prevent entry and grazing by cattle during the time the area is being used as a disposal site for spent cattle dips and for a period of one (1) year after the last application of spent dip.
7. Food crops, other than corn, small grains, cotton, sorghum, and soybeans may not be grown on the disposal area. Cattle may not feed on or be fed corn ensilage or stover, forage or vines from these crops.
8. Should a disposal site be sold or otherwise undergo a transfer of ownership during disposal operations or within one (1) year of the first application of spent cattle dip, the new owner must be notified of the potential presence of toxaphene and the responsibilities attached.

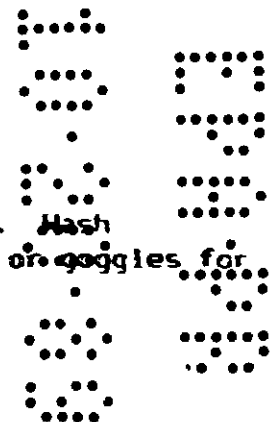
All users are subject to the above described disposal requirements. In addition, used dip solutions must be disposed of in accordance with the Resource Act Conservation and Recovery Act (RCRA). If the applicator generates more than 1000 kg. of used dip solution per month or more than 1000 kg. used dip solution in combination with other hazardous waste, the material must be treated as a hazardous waste subject to subpart C of RCRA. Any user who wishes to treat, store or dispose of hazardous waste must obtain a permit to serve as a hazardous waste facility pursuant to RCRA.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

May be fatal if swallowed. Do not get in eyes, on skin or on clothing. Wash thoroughly after using and before smoking or eating. Use a respirator or goggles for protection if necessary. If a respirator is used, use one



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637

Vertagreen Toxaphene-Lindane

50083  
6 of 7  
09/01/1989

that is jointly approved by MSHA (Mine Safety and Health Administration) and by NIOSH (National Institute for Occupational Safety and Health) under the provisions of 30 CFR Part 11 for Lindane and Toxaphene protection. Keep away from food and food products. Do not use this product on household pets, poultry or humans but only as directed on this label.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish, birds, and other wildlife. Do not apply directly to water or wetlands. Drift and runoff from treated areas may be hazardous to fish in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

This pesticide is highly toxic to bees exposed to direct application. Applications should be timed to coincide with periods of minimum bee activity, usually between late evening and early morning.

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**PHYSICAL OR CHEMICAL HAZARDS**

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

**STORAGE & DISPOSAL**

(Note: Heading must be 12 Pt. minimum type size)

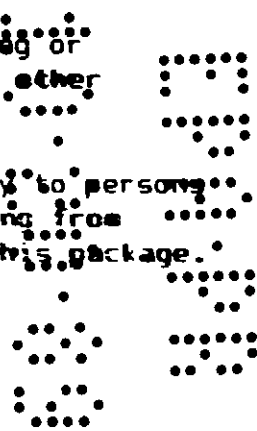
Do not contaminate water, food or feed by storage or disposal.

**STORAGE:** Store product in original container in a cool, dry, locked place out of reach of children.

**Pesticide Disposal:** Refer to paragraph on this label entitled "DISPOSAL OF SPENT CATTLE AND SHEEP DIPS THAT CONTAIN TOXAPHENE."

**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.

**NOTICE:** LaRoche Industries Inc. can accept no responsibility for injury to persons or animals or for loss or damage to turf, soil or other property resulting from failure to follow directions for use or to observe cautions printed on this package.



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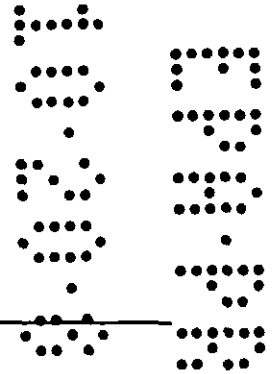
797

Vertagreen Toxaphene-Lindane

50083  
7 of 7  
09/01/1989

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UPC Code  
25704-50083  
Proof of Purchase



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APPROVALS -	MARKETING	DATE	REGULATORY SRVS.	DATE
BY	_____	_____	<i>CD Henderson</i>	<i>9.1.89</i>