



RESTRICTED USE PESTICIDE: For Sale To And Application Only By Certified Applicators Or Persons Under Their Direct Supervision.

RANGE CATTLE

LIVESTOCK & SHEEP DIP CONCENTRATE

47000-16

ACTIVE INGREDIENTS:

Toxaphene(Technical Chlorinated Camphene Containing 67%-69% Chlorine) . . . . .	45.00%
Gamma Isomer of Benzene Hexachloride from Lindane. . . . .	0.45%
Petroleum Distillate . . . . .	41.55%
Xylene . . . . .	5.00%
INERT INGREDIENTS: . . . . .	8.00%

Total 100.00%

EPA Reg. No. 47000-16

EPA Est. No. 47000-IA-1

KEEP OUT OF REACH OF CHILDREN

WARNING

See Side Panel For Additional Precautionary Statements

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 effected area with plenty of soap and water.

If In Eyes - Flush eyes with plenty of water. Get medical attention if irriation persists.

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.

NET CONTENTS \_\_\_\_\_ GALLON (S)

CHEM-TECH LIMITED  
 1727 Hull Avenue  
 Des Moines IA 50313

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

**DIP TREATMENT FOR PSOROPTIC MANGE MITES AND SARCOPTIC MANGE MITES on Beef Cattle, Sheep and Goats:** 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 Gal. concentrate per 120 gallons of water), to give a 0.6% Toxaphene dip solution. Thoroughly mix before dipping animals.

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 openhead drum at the rate of 1 quart per 30 gallons of water or 1 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 acre every six (6) months. This quantity is equivalent to 60 gallons of a 0.6% solution.

BEST DOCUMENT AVAILABLE

## DISPOSAL OF DIPPED SOLUTION: (cont.)

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

Plowing or diskings 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 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.

BEST DOCUMENT AVAILABLE

## DISPOSAL OF DII SOLUTION (Cont.)

2. The site should be selected so that 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) which ever is less. Technical assistance in making this determination may be obtained from the USDA/SCS. In addition, the soil textures above the water table should be finer than loamy sand.
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 last 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, users not exempted from the requirements of subpart 1 of the Resource Conservation and Recovery Act (RCRA) are subject to the additional requirements of that act. Users may select alternative disposal means so long as the alternative means fully comply with the requirements of the RCRA.

BEST DOCUMENT AVAILABLE

PRECAUTIONARY STATEMENTS

Hazards To Humans & 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. 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 product is toxic to fish and wildlife. Keep out of any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as directed on this label.

PHYSICAL OR CHEMICAL HAZARDS

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

STORAGE AND DISPOSAL

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

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: Buyer assumes all risk and liability of use, storage and/or handling of this material not in accordance with the terms of this label.