

Reg. # 6-1154 P11 12  
7/12/54 131

# prentox<sup>®</sup>

## DPY

### CONCENTRATE

(Contains DURSBAN)\*

An insecticide concentrate for formulating use only.

#### ACTIVE INGREDIENTS:

Chlorpyrifos (0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorathioate) .....	4.90%
Pyrethrins .....	1.00%
Piperonyl Butoxide, Technical** .....	2.00%
N-octyl bicycloheptene dicarboximide .....	3.30%
Xylene-Range Aromatic Solvent .....	9.88%
Petroleum Distillates .....	78.80%

INERT INGREDIENTS .....

CONTAINS XYLENE RANGE TOTAL AROMATIC SOLVENT 100.00%  
0.22% 10.00%

\*Registered trademark of the Dow Chemical Co.  
U.S. Patent #3,244,586.

\*\*Equivalent to 1.6% (Butylcarbityl) (6-propylpiperonyl) ether and 0.4% related compounds.

PRENTOX<sup>®</sup> — Registered Trademark of Prentiss Drug & Chemical Co., Inc.

### KEEP OUT OF REACH OF CHILDREN

## CAUTION

#### STATEMENT OF PRACTICAL TREATMENT

**If swallowed** — Call a physician immediately. Do not induce vomiting. Do not give anything by mouth to an unconscious person.

**If inhaled** — Remove person to fresh air.

**If on skin** — In case of contact, remove contaminated clothing and immediately wash skin with soap and water.

**If in eyes** — Flush with water for 15 minutes. Call a physician.

#### NOTE TO PHYSICIAN

Active ingredient is a Cholinesterase inhibitor. Treat symptomatically. Atropine only by injection is an antidote.

SEE SIDE PANEL FOR  
ADDITIONAL PRECAUTIONARY STATEMENTS.

#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

##### CAUTION

May be fatal if swallowed. Harmful if absorbed through skin. Do not get in eyes, on skin or clothing.

Avoid breathing of vapors. Handle concentrate in a ventilated Area. Wash thoroughly after handling. Do not wear contaminated clothing. Keep away from food, feedstuffs and water supplies.

##### ENVIRONMENTAL HAZARDS

Prentox DPY concentrate is toxic to fish, birds and other wildlife. Do not discharge into lakes, streams, ponds or public waters unless in accordance with an NPD-ES permit. For further guidance, contact your Regional Office of the Environmental Protection Agency.

##### PHYSICAL OR CHEMICAL HAZARDS

##### FLAMABLE

Do not use or store near heat or open flame. Do not cut or weld container.

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Prentox DPY Concentrate may be used only for the formulation of insecticidal products. Formulators using this product are responsible for obtaining EPA registration of their formulated products.

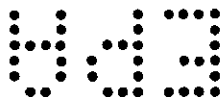
#### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed or disposal. Open dumping is prohibited.

**STORAGE:** If container is damaged: Stop by repositioning the container or by patching otherwise repairing the leaks. Take care to avoid contact with pesticide and wear protective clothing as required to prevent contact with it or its vapors. Cover the spilled areas with large amounts of absorbent material, such as diatomaceous earth, sand, or sawdust. Sweep contaminated absorbent on to a shovel and sweepings into a salvage drum. Dispose of below. Do not store, use, pour, or spill near open flame.

**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 according to label instructions, contact your nearest Pesticide or Environmental Control Agency, Hazardous Waste representative at the nearest Regional Office for guidance.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, puncture and dispose of in a sanitary land fill or other procedures approved by State or local authorities.



E.P.A. REG. NO. 655-426

E.P.A. EST. NO. 655-GA-1

NET CONTENTS \_\_\_\_\_

LOT # \_\_\_\_\_

Manufactured by



# prentiss

Drug & Chemical Co., Inc.

Plant: Kaolin Road  
Sandersville, GA. 31082  
Office: C.B. 2000  
Floral Park, N.Y. 11001

## TOXAPHENE 8 EC

"Sale, distribution or use is permitted only after a showing of emergency conditions to EPA by a Federal or State agency and issuance by EPA of a finding that an emergency condition exists, and only as permitted by that EPA finding."

### ACTIVE INGREDIENTS:

Toxaphene (chlorinated camphene) ..... 71.0%  
(chlorine content 67-69%)

INERT INGREDIENTS: ..... 29.0%  
TOTAL ..... 100.0%

(This Product Contains 8 Lbs. Toxaphene Per Gallon)

**KEEP OUT OF REACH OF CHILDREN**

**WARNING AVISO**

**THIS PRODUCT IS POISONOUS BY SKIN CONTACT,  
INHALATION, OR SWALLOWING.**

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

### STATEMENT OF PRACTICAL TREATMENT

**REMOVE PATIENT FROM EXPOSURE. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.**

**IF SWALLOWED:** Do not induce vomiting. See "Treatment By Physician" Statement. Call a physician in all cases of suspected poisoning.

**IF INHALED:** Remove victim to fresh air. Apply respiration if indicated.

**IF IN EYES:** Wash eyes for at least 15 minutes while holding eyelids open. Call a physician.

**IF ON SKIN:** Remove contaminated clothing and immediately wash the skin thoroughly with soap and water.

**SEE ADDITIONAL PRECAUTIONARY STATEMENTS INSIDE**

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.

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EPA Reg. No. 51036-79

EPA Est. No. 51036-GA-1

Manufactured By  
MICRO FLO COMPANY  
P.O. BOX 5948  
LAKELAND, FLORIDA 33807

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5948

**PRECAUTIONARY STATEMENTS**  
**Hazards To Humans And Domestic Animals**

**WARNING**

This product is poisonous by skin contact, inhalation, or swallowing. It may be fatal if swallowed. Do not breathe vapors or spray mist. Do not get in eyes, on skin, or on clothing. During application, keep all unprotected persons away from areas being treated or where there may be drift. This product is toxic to bees and should not be applied when bees are actively visiting the area.

**NOTE:** Protective clothing and respirators are required for all applicators and other personnel involved in mixing, loading, transferring or otherwise handling this pesticide. Protective clothes must consist of hats, impermeable gloves, rubber or synthetic rubber boots or boot covers, long-sleeved shirts and long pants. Full-face respirators are recommended; half-face respirators are required. In lieu of compliance with the protective measures required for applicators, users may use closed systems methods of mixing, loading and handling. However, it is recommended that mixers and loaders wear water proof gloves. Aerial applicators in positive pressure cockpits and other applicators in comparable ground equipment with appropriate filters at all air intakes need not comply with these protective clothing requirements.

Do not use Toxaphene 8 EC on dairy animals, in dairy barns, or on feed or forage to be fed to dairy animals. Do not apply to livestock within 28 days of slaughter. Avoid treating animals during cold, stormy weather. Do not use on dogs, cats, or other household pets or on poultry in poultry houses.

Do not spray or dip calves under 3 months of age. If it is necessary to treat calves under the age of 6 months, spraying is recommended. In quarantine programs when animals of all ages must be dipped under supervision of Federal or State Personnel for scabies control, special measures should be taken to minimize the swallowing of dip wash by young animals.

**FIRST-AID TREATMENT**

**INTERNAL:** If this product is swallowed, do not induce vomiting. See "Treatment By Physician." Never give anything by mouth to an unconscious person. CALL A PHYSICIAN IN ALL CASES OF SUSPECTED POISONING.

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**EXTERNAL:** Remove contaminated clothing and wash skin thoroughly with soap and water. If in eyes, flush with clean water for at least 15 minutes. Call a physician.

**TREATMENT BY PHYSICIAN:** If swallowed, use gastric lavage. Avoid aspiration. Toxaphene produces central nervous system excitation that responds to barbituric acid derivatives. Prevent or control convulsions with barbiturates, preferably administered intravenously. If the barbiturate can be given before convulsions start, sodium pentobarbital is the drug of choice. Since toxaphene has a fairly long duration of action, a long-acting barbiturate such as phenobarbital may be used after initial control of convulsions. Refer to "Clinical Handbook on Economic Poisons," which was prepared by the U.S. Department of Health, Education, and Welfare, Public Health Service, Communicable Disease Center, Atlanta, Ga.

#### ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Use of this product may be fatal to birds and other wildlife in treated areas. Do not spray over lakes, streams, ponds, tidal marshes or estuaries. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from treated areas. Do not contaminate water by cleaning of equipment or disposal of wastes. Overspray of this product into water at application rates recommended on this label may be fatal to shrimp and crab; do not apply where these are important resources. Apply this product only as specified on this label.

#### PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame. In case of spillage, use absorbent clay, hydrated lime, or other solids to soak up any liquid. See disposal statements for proper disposal of wastes. Wash area with a strong detergent and hot water.

#### DIRECTIONS FOR USE

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

#### CHEMIGATION PROHIBITION

Do not apply this product through any type of irrigation.

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#### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.  
**STORAGE:** Store in a cool, dry place away from heat or open flame.  
**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinse is a violation of Federal law. Pesticide, spray mixture, or rinse

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water that cannot be used according to label instructions must be disposed of according to Federal or approved state procedures under Subtitle C of the Resource Conservation and Recovery Act. 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.

**BANANAS (FOR USE ONLY IN PUERTO RICO AND THE VIRGIN ISLANDS)**

**RESTRICTIONS:** Repeat applications as necessary but do not apply less than one day before harvest. Do not graze treated area with dairy animals or animals being finished for slaughter.

To control leafeating caterpillars and other various weevils, apply 1 1/2 pints per acre suitably diluted with water or summer oil if applied by air. For aerial applications, flagging must be by fully automated mechanical means or by humans working in totally enclosed vehicles.

**PINEAPPLES (FOR USE ONLY IN PUERTO RICO AND THE VIRGIN ISLANDS)**

**RESTRICTIONS:** Apply when first whorl of flowers is open and repeat 7 to 10 days later. Do not feed waste from treated pineapples to dairy or meat animals. NOTE: For aerial applications, flagging must be by fully automated mechanical means or by humans working in totally enclosed vehicles.

To control Pineapple gummosis moths and mealy bugs, apply 2 1/4 pints per acre suitable diluted with water.

**DIRECTIONS FOR USE ON LIVESTOCK**

**BEEF CATTLE:** Scabies (Psoroptic, Chorioptic, Sarcoptic): Mix Toxaphene 8EC at the rate of 3 quarts to 100 gallons of water. Thorough wetting is essential for best results. Apply by dipping exposed or infected animals in toxaphene vat solutions or by using a spray-dip machine. Animals in infested herds are dipped twice. Animals in exposed herds are dipped at least once. The interval between the first and second dipping is 10 to 14 days.

**SHEEP:** Sheep Scab: Accurately mix Toxaphene 8 EC at the rate of 1 gallon to 150 gallons of water. Apply by dipping exposed or infected animals in toxaphene vat solutions or by using a spray dip machine. Immerse sheep for not less than 1/2 minute, dunking head at least twice. One dipping is usually sufficient for treating sheep scab. A second dipping may be given in two weeks if needed.

Mixing Toxaphene 8EC with water: The dip concentrate should be premixed with an amount of water equal to at least three times the amount of concentrate. Stir or agitate the resulting mixture thoroughly before each use.

Replenishment (Dipping Vats): Add 5 pints of Toxaphene 8EC to 100 gallons of water. The dip concentrate should be premixed with an amount of water equal to at least three times the amount of concentrate. Mix thoroughly. Samples should be submitted to the National Veterinary Services Laboratories for analysis.

Mixing of product should be conducted in a manner to maintain the percentage of toxaphene in the mixture at 0.5% for sheep and 0.6% for beef cattle. All mixing and cleaning should be performed in a manner to protect the applicator. Protective clothing and respirators should be worn.

#### DISPOSAL OF USED VAT SOLUTIONS

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 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 months. This quantity is equivalent to 60 gallons of 0.6% solution.

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 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

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**CONFORM TO NORMAL MANURE APPLICATION RATES**

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

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

Since toxaphene is extremely toxic to fish, 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.
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. 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 or particulate matter, sound land management procedures should be instituted to control such erosion.

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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 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 year of the last application of spent cattle dip, the new owner must be notified of the potential presence of toxaphene and responsibilities attached.

All users are subject to the above described disposal requirements. In addition, users not exempted from the requirements of Subtitle C of the Resource Conservation and Recovery Act (RCRA) are subject to the additional requirements of the act. Users may select alternative disposal means so long as the alternative means fully comply with the requirements of the RCRA.

NOTE: Approved as a "permitted pesticide" by the Animal and Plant Health Inspection Service (APHIS) of the U. S. Department of Agriculture for official use in State-Federal cooperative programs for the eradication of scabies. It must be used according to APHIS Veterinary Services Regulations (Parts 72 and 73, Title 9, Code of Federal Regulations). Veterinary Services Memorandum Number 556.1 and supplements and Veterinary Services Memorandum Number 556.5.

NOTICE: Because Micro Flo Company has no control over the storage, handling, and conditions of use, which are of critical importance, Micro Flo makes no representation or warranty, either expressed or implied, for results due to misuse, improper handling or storage of this material. Nor does Micro Flo assume any responsibility for injury to persons, crops, animals, soil, or property arising out of the misuse, improper handling or storage of this material.

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