

ACCEPTED

AUG 4 1978

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 655-421

# prentox

## SYNPREN-FISH TOXICANT

### Liquid-Emulsifiable

#### GENERAL INFORMATION

PRENTOX SYNPREN-FISH is a specially formulated product containing synergized rotenone, to be used in fisheries management for the eradication of fish from lakes, streams and reservoirs. PRENTOX SYNPREN-FISH will not solidify nor show any separation at temperatures down to 40°F., and is stable for a minimum of one year when stored in sealed drums at 70°F.

#### DIRECTIONS

Apply this product only as specified on this label. PRENTOX SYNPREN-FISH is registered for use by or under permit from, and after consultation with State and Federal Fish and Wildlife Agencies.

#### FOR USE IN PONDS, LAKES, AND RESERVOIRS

#### SPECIAL INSTRUCTIONS:

Water alkalinity, temperature, and turbidity are usually different in each type water. Because these factors change the effectiveness of piscicides, consult your State Game & Fish representative before use to determine the correct concentration of this product needed for the type kill desired. PRENTOX SYNPREN-FISH disperses readily in water both laterally and vertically, and will penetrate below the thermocline in thermally stratified bodies of water (U.S. Patent No. 3,098,004).

#### COMPUTATION OF ACRE — FEET:

AN ACRE FOOT is a unit of volume of a body of water having the area of one acre and a depth of one foot. To determine acre feet in a given body of water, make a series of transects across the water body taking depths with a measured pole or weighted line. Add the soundings and divide by the number made to determine the average depth. Multiply this average depth by the total surface to find the acre feet to be treated. If number of surface acres is unknown, contact your local Soil Conservation Service, which can determine this from aerial photographs.

#### AMOUNT OF PRENTOX SYNPREN-FISH NEEDED FOR SPECIFIC USES:

To determine the approximate number of gallons of PRENTOX SYNPREN-FISH (2.5% Rotenone) needed, find your "Type of Use" in the first column of the Table below and then divide the corresponding numbers in the third column, "Number of Acre-Feet Covered by One Gallon", into the number of acre-feet in your body of water.

TYPE OF USE	Parts Per Million of 2.5% Rotenone	Number of Acre-Feet Covered by One Gallon
Selective treatment	.20 to .25	15 to 15
Normal pond use	1.0 to 2.0	3.0 to 1.5
Remove bullheads or carp	2.0 to 4.0	1.5 to .75
Remove bullheads or carp in rich organic ponds	4.0 to 8.0	.75 to .33
Preimpoundment treatment above dam	6.0 to 10.0	.50 to .30

#### ACTIVE INGREDIENTS:

Rotenone ..... 2.5%  
 Other cube extractives ..... 5.0%  
 Piperonyl Butoxide, Technical\* ..... 2.5%

INERT INGREDIENTS: ..... 90.0%

TOTAL: 100.0%

\*Equivalent to 2.0% (Butylcarbityl) (6-propylpiperonyl) ether and 0.5% related compounds.

## WARNING

KEEP OUT OF REACH OF CHILDREN

Poisonous if swallowed, or absorbed through skin. Do not get in eyes, on skin, or on clothing. In case of contact, wash immediately with soap and water. Wash all contaminated clothing with soap and hot water before reuse. Avoid contamination of feed and foodstuffs.

Combustible mixture. Flash point of this formulation is 150°F. Do not use or store near heat or open flame.

Apply this product only as specified on this label. Do not contaminate water by cleaning of equipment or disposal of wastes.

Do not reuse drum. Return to drum reconditioner or destroy by perforating or crushing and burying in a safe place away from water supplies.

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

FOLLOW DIRECTIONS ON SIDE PANEL

E.P.A. EST. #655-NJ-1

E.P.A. Reg. No. 655-421

Manufactured by



# prentiss

Drug & Chemical Co., Inc.

Plant: 338 Wilson Avenue  
Newark, N.J. 07105

Office: 363 7th Avenue  
New York, N.Y. 10001

#### PRE-MIXING AND METHOD OF APPLICATION

Pre-mix with water at a rate of one gallon PRENTOX SYNPREN-FISH to 10 gal. of water. Uniformly apply over water surface or bubble through underwater lines.

#### DETOXIFICATION:

PRENTOX SYNPREN-FISH treated waters detoxify under natural conditions within 1-week to 1-month, depending upon temperatures, alkalinity, etc. Rapid detoxification can be accomplished by adding chlorine or potassium permanganate to the water at the same rate as PRENTOX SYNPREN-FISH in parts per million, plus enough additional to meet the chlorine demand of the untreated water.

#### REMOVAL OF TASTE AND ODOR:

PRENTOX SYNPREN-FISH treated waters to not retain a detectable taste or odor for more than a few days to a maximum of one month. Taste and odor can be removed immediately by treatment with activated charcoal at a rate of 30 ppm. for each 1 ppm. PRENTOX SYNPREN-FISH remaining (Note: As PRENTOX SYNPREN-FISH detoxifies, less charcoal is required).

#### RE STOCKING AFTER TREATMENT:

Wait 2 to 4 weeks after treatment. Place a sample of fish to be stocked in wire cages in the coolest part of the treated waters. If the fish are not killed within 24 hours, the water may be restocked.

#### FOR USE IN STREAMS, IMMEDIATELY ABOVE PONDS, LAKES, OR RESERVOIRS

Allow PRENTOX SYNPREN-FISH to drain from drum directly into center of stream at a rate of 0.85 — 1.7 cc. per minute for each cubic foot of water flowing per second in the stream (0.5-1.0 part per million PRENTOX SYNPREN-FISH or 0.0125-0.025 ppm. rotenone).

#### IMPORTANT: READ BEFORE PURCHASE OR USE:

Purchase or use of this product shall constitute acceptance of the following terms of sale and warranty.

The Directions For Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or applications, all of which are beyond the control of Prentiss or the Seller. All such risks shall be assumed by the Buyer.

Prentiss warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions For Use, subject to the inherent risks referred to above. Prentiss makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Prentiss or the Seller be liable for consequential, special or indirect damages resulting from the use of handling of this product. Prentiss and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty which may be varied only by agreement in writing signed by a duly authorized representative of Prentiss.

655-421

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11