

A PRENTISS BEST-TESTED PRODUCT

ACCEPTED

JUN 21 1972

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTERED
UNDER NO. 55-421 SUBJECT
TO ATTACHED COMMENTS.



SINPREN-FISH TOXICANT
Liquid Emulsifiable



A specially formulated product containing Sulfoxide-Synergized Rotenone, to be used in fisheries management for the eradication of fish from lakes, streams and reservoirs. **NOTE:** This product is registered for use by or under permit from State and Federal Fish and Wildlife Agencies.

ACTIVE INGREDIENTS:

Rotenone	2.5%
Other cube extractives	5.0%
N-Octyl sulfoxide of isosafrole	2.2%
Related compounds	0.3%
INERT INGREDIENTS:	90.0%
TOTAL:	100.0%

DO NOT REUSE DRUM. RETURN TO DRUM RECONDITIONER OR DESTROY BY PERFORATING OR CRUSHING AND BURYING IN A SAFE PLACE.

Application rates in excess of (0.5-1.0 ppm) will kill fish and other aquatic life. Consult your State Fish & Game Agency before applying this product. Do not contaminate water by cleaning of equipment or disposal of wastes.

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. COMBUSTIBLE MIXTURE. DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME. AVOID CONTAMINATION OF FOODSTUFFS.



NET CONTENTS _____ GALLONS

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

Prentiss Drug & Chemical Co., Inc.

PLANT: 338 WILSON AVENUE, NEWARK, N. J. 07105

OFFICE: 363 SEVENTH AVENUE, NEW YORK, N. Y. 10001

655-421

06/21/1972

1/3

A PRENTISS BEST-TESTED PRODUCT

Prentox

DIRECTIONS

SPECIAL INSTRUCTIONS: Water alkalinity, temperature, and turbidity are usually different in each type water. Because these factors change the effectiveness of piscicide, consult your State Game and Fish representative before use, to determine the correct concentration of this product needed for the type kill desired.

METHOD OF APPLICATION: Liquid mixture, pump over water surface or bubble through underwater lines.

Powdered mixture - place in burlap sack and trail behind motor boat or pre-mix with water and treat as liquid mixture. When treating deep water weight bag and tow at desired depth. Knead bag frequently.

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.

To determine acre feet: Make a series of transects across the water to be treated and sound with a weighted line or pole marked in inches and feet. Add the sounding measurements and divide by the number of soundings to determine average depth.

Pre-mix with water at a rate of 1-gallon SYNPREN-FISH to 10-gallons water. Spray uniformly over surface of lake or reservoir at a rate of 1-2 gallons SYNPREN-FISH per 6 acre feet of water (0.5-1.0 part per million SYNPREN-FISH or 0.0125-0.025 ppm. Rotenone).



Prentiss Drug & Chemical Co., Inc.

PLANT: 338 WILSON AVENUE, NEWARK, N. J. 07105

OFFICE: 363 SEVENTH AVENUE, NEW YORK, N. Y. 10001

2/3

A PRENTISS PEST-TESTED PRODUCT

Prentox

DIRECTIONS (Cont.)

For treating streams: Allow 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 feet of water flowing per second in the stream (0.5-1.0 part per million SYNPREN-FISH or 0.0125-0.025 ppm. Rotenone).

SYNPREN-FISH is toxic to most species of fish and fish eggs at concentrations of 0.5-1.0 part per million. For special instructions, consult your State Fish and Game Commission.

SYNPREN-FISH-treated waters do 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. SYNPREN-FISH remaining (Note: As SYNPREN-FISH detoxifies, less charcoal is required).

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).

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. Multiply average depth times total surface area to find acre feet to be treated.

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 SYNPREN-FISH in parts per million, plus enough additional to meet the chlorine demand of the untreated water.



Prentiss Drug & Chemical Co., Inc.

PLANT: 338 WILSON AVENUE, NEWARK, N. J. 07105

OFFICE: 363 SEVENTH AVENUE, NEW YORK, N. Y. 10001

ck