

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING**

Do not swallow or absorb through the skin. Do not get in eyes. Do not get 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.

ENVIRONMENTAL HAZARDS

Keep out of rivers, streams or ponds except under use conditions. Do not contaminate water by cleaning of equipment or disposal of wastes. Rotenone is toxic to most fish and their eggs at 0.5-1.0 ppm.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

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

STORAGE: If container is damaged. Stop any leaks by repositioning the container or by patching or otherwise repairing the leaks. Take care to avoid contact with pesticide and wear protective gear. On cleanup of spilled liquids, wear protective equipment as required to prevent contact with the product or its vapors. Cover the spilled areas with generous amounts of absorbent material, such as clay, diatomaceous earth, sand or sawdust. Sweep the contaminated absorbent onto a shovel and put the sweepings into a salvage drum. Dispose of wastes as below. Place any leaking container into a similar drum or glass container. Do not store, use, pour or spill near heat or open flame.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

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

COMBUSTIBLE MIXTURE. FLASH POINT OF THIS FORMULATION IS 102°F.

GENERAL INFORMATION

ROTENONE 2.5% is a specially formulated product containing synergized rotenone, to be used in fisheries management for the eradication of infestations in streams and reservoirs. **ROTENONE 2.5%** 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. **ROTENONE 2.5%** 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 pesticides, consult your State Game & Fish representative before use to determine the correct concentration of this product needed for the type kill desired. **ROTENONE 2.5%** disperses readily in water both laterally and vertically and will penetrate below the thermocline in thermally stratified bodies of water.

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.

**ROTENONE, 2.5% LIQUID
FISH TOXICANT**

ACCEPTED

Liquid-Emulsifiable

FEB 1977

47677-6

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% Butylcarbitol, 1,3-propylpiperonyl ether and 0.5% related compounds.

**KEEP OUT OF REACH OF CHILDREN
WARNING**

STATEMENT OF PRACTICAL TREATMENT

If swallowed -- Do not induce vomiting unless under medical supervision. Get medical attention immediately.

If inhaled -- Take person into fresh air.

If on skin -- Wash with soap and water.

If in eyes -- Flush with plenty of water and get medical attention.

FOLLOW DIRECTIONS ON SIDE PANEL

E.P.A. REG. NO.

E.P.A. EST. NO. 47677-WR-1

LOT NO.

BEST AVAILABLE COPY

NET CONTENTS

GALLONS

AMOUNT OF ROTENONE 2.5% NEEDED FOR SPECIFIC USES.

To determine the approximate number of gallons of **ROTENONE 2.5%** (Rotenone) needed find your "Type of Use" in the first column of the Table below and then divide the corresponding number 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
Pre-treatment of fish in ponds	20 to 25	15 to 12
Pre-treatment of fish in streams	10 to 20	30 to 15
Pre-treatment of fish in reservoirs, billboards or carp in non-aquatic ponds	20 to 40	15 to 75
Pre-impoundment treatment above dam	20 to 80	75 to 38
	60 to 100	50 to 30

PRE-MIXING AND METHOD OF APPLICATION:

Pre-mix with water at a rate of one gallon **ROTENONE 2.5%** to 10 gallons of water. Uniformly apply over water surface or bubble through underwater lines.

DETOXIFICATION:

ROTENONE 2.5% 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 **ROTENONE 2.5%** in parts per million, plus enough additional to meet the chlorine demand of the untreated water.

REMOVAL OF TASTE AND ODOR:

ROTENONE 2.5% 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.

ROTENONE 2.5% remaining (note: As **ROTENONE** 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 **ROTENONE 2.5%** to drain from stream directly into center of stream at a rate of 0.05-1.7 cc per minute for each cubic foot of water flowing per second in the stream (0.5-1.0 part per million **ROTENONE 2.5%** or 0.125-0.025 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. Effectiveness 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 Argent or the Seller. All such risks shall be assumed by the Buyer.

Argent 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 above. Argent makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Argent or the Seller be liable for consequential, special or indirect damages resulting from the use of handling of this product. Argent 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 Argent.

