

Reg # 47077-3  
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**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. Opening dumping 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 on to 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. Mark the container with name of product, ingredient statement, precautionary statements, and signal word. Contact us for replacement label. Do not store, use, pour or spill near heat or open flame. Flammable mixture. Flash point is 50°F.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, of the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**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.

**GENERAL INFORMATION**

Rotenone 5.0% is a specially formulated product containing Rotenone, to be used in fisheries management for the eradication of fish from lakes, streams and reservoirs. Rotenone 5.0% 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 5.0% 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 5.0% disperses readily in water both laterally and vertically, and will penetrate below the thermocline in thermally stratified bodies of water.

**ROTENONE 5%**

**Liquid-Emulsifiable**

**ACTIVE INGREDIENTS:**

Rotenone ..... 5.0%  
Other cube extractives ..... 10.0%

**INERT INGREDIENTS** ..... 85.0%

**TOTAL:** 100.0%

**KEEP OUT OF REACH OF CHILDREN  
WARNING**

**STATEMENT OF PRACTICAL TREATMENT**

If **swallowed** — Get medical attention immediately  
If **in Eyes** — Flush with plenty of water and get medical attention.  
If **on Skin** — Wash immediately with soap and water.  
Flammable mixture. Flash Point of this formulation is 50°F. Closed Cup.

**SEE BELOW FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
WARNING**

Poisonous if swallowed, or absorbed through the 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.

**ENVIRONMENTAL HAZARDS**

Keep out of lakes, 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 p.p.m.

**COMPUTATION OF ACRE-FEET**  
AN ACRE FOOT is a unit of volume of the area of one acre and a depth of one foot in a given body of water. To compute acre feet across the water body taking depth into account, use the following formula: **pole or weighted line.** Add the sound number made to determine the average average depth by the total surface to be treated. If number of surface feet is known, determine the average depth by the total surface feet. Determine this from aerial photographs.

**AMOUNT OF ROTENONE 5.0% NEEDED FOR 5**

To determine the approximate number of gallons of Rotenone 5.0% needed, find your "Type of Use" of the Table below and then divide the number in the third column, "Number of Gallons", into the number of acre feet.

TYPE OF USE	Parts Milli	Rotenone
Selective treatment	0.10	
Normal pond use	0.5	
Remove bullheads or carp	1.0	
Remove bullheads or carp in rich organic ponds	2.0	
Preimpoundment treatment above dam	3.0	

**PRE-MIXING AND METHOD OF APPLICATION**  
Premix with water at a rate of one to 10 gallons of water. Uniformly apply or bubble through underwater lines.

**DETOXIFICATION:**  
Rotenone 5.0% treated waters detoxify within 1-week to 1-month, depending on water temperature, pH, alkalinity, etc. Rapid detoxification can be achieved by adding chlorine or potassium permanganate to the water at the same rate as Rotenone 5.0% in plus enough additional to meet the demand of the untreated water.

**REMOVAL OF TASTE AND ODOR:**  
Rotenone 5.0% treated waters do not have a taste or odor for more than a few days. Taste and odor can be removed by treatment with activated charcoal at a rate of 1 lb per gallon of water. (Note: 1 ppm Rotenone 5.0% remaining. (Not a health hazard, less charcoal if required.)

E.P.A. REG. NO.

E.P.A. EST. NO.

LOT NO.

NET CONTENTS

GALLONS

**ACCEPTED**  
AUG 25 1986  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 47077-3

**ARGENT** Chemical Laboratories

Fisheries Chemical Division

Midland, Washington 98062  
(206) 885-3777