

FAIRFILL  
EPA Reg. No. 4816-67

181

# ROTENONE SOLUTION FK-11

FOR USE ONLY BY OR UNDER PERMIT FROM APPROPRIATE STATE AND FEDERAL FISH AND WILDLIFE AGENCIES

## PISCICIDE

EPA Reg. No. 4816-67 EPA Est. No. 279-NY-1

This product is to be used in fisheries management for the eradication of fish from lakes, streams and reservoirs. It may be applied by ground or air.

<b>ACTIVE INGREDIENTS</b>	
Dianone	2.50%
Other Associated Resins	5.00%
Propionyl Butoxide, Technical	2.50%
<b>INERT INGREDIENTS</b>	10.00%
	100.00%

Equivalent to min. 2.0% (butylcarbityl) (6-propylpiperonyl) ether and 0.5% related compounds  
Contains Aromatic Petroleum Derivative Solvent

This product is toxic to most species of fish and fish eggs at concentrations of 0.5 to 1.0 ppm. Under conditions of high alkalinity or water temperatures above 75 degrees F., increased concentrations may be necessary. For special instructions, consult your State Fish and Game Commission.

When applied at recommended rates Rotenone Solution FK-11 is non-toxic to fish and organisms such as Phantom Midge larvae (*Chironomus punctipennis* - Say.) and Midge larvae (*Tendipes crassicaudatus* - Malloch, and *Tendipes plumosus* - Linn.) It is moderately toxic to Cladocera (*Daphnia*), copepods (*Cyclops*) are much less resistant to Rotenone Solution FK-11 than *Daphnia*.

Rotenone Solution FK-11 disperses readily in water both laterally and vertically and will penetrate below the thermocline in thermally stratified bodies of water. This product does not accumulate on the lake bottom to remain toxic for extended periods of time.

Water treated with this product will detoxify under natural conditions within 1 week to 1 month, depending upon temperatures and alkalinity. Taste and odor can be removed immediately by treatment with activated charcoal at the rate of 30 ppm for each 1 ppm Rotenone Solution FK-11 remaining. (Note: As Rotenone Solution FK-11 detoxifies, less charcoal is required). Rapid detoxification can be accomplished by adding chlorine or potassium permanganate to the water at the same rate as Rotenone Solution FK-11 in parts per million, plus enough additional to meet the chlorine demand of the untreated water. Detoxified treated waters have no adverse effect upon subsequent fish production.

\*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 weight line. Add the soundings and divide by the number made to determine the average depth. Multiply this average depth by the total surface of the acre foot to be treated.

## STORAGE AND DISPOSAL

Do not contaminate water bodies by storage or disposal.  
**PESTICIDE STORAGE AND SPILL PRECAUTIONS:** Do not store at temperatures below 40°F. Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.  
**PESTICIDE DISPOSAL:** Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of 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 approved state and local procedures.  
**CONTAINERS (31 GAL) AND SMALLER:** Do not reuse container. Wrap container in several layers of newspaper and discard as trash.

### PRELIMINARY STATEMENTS HAZARDS TO HUMANS, DOMESTIC ANIMALS AND FISH

Poisonous if swallowed or absorbed through skin. Do not breathe vapor. 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.

### STATEMENT OF PRACTICAL RECOMMENDATION

**IF SWALLOWED:** Contact a physician or Poison Control center immediately. Do not induce vomiting unless directed by a physician. Aspiration is a potential hazard.  
**IF IN EYES OR ON SKIN:** Flush with plenty of water. Contact a physician if irritation persists.  
**IF IRRITATED:** Remove affected person to fresh air. Apply artificial respiration if indicated.

### EPA FEDERAL WARNINGS

Do not apply to lakes, streams or ponds except as directed on this label and in accordance with appropriate state and federal Fish and Wildlife programs. This product is toxic to fish and other wildlife.  
After a series of trials of use, storage or handling of this product not in strict accordance with directions given herewith.

**KEEP OUT OF REACH OF CHILDREN**  
**WARNING**  
See side panel for additional precautions

## DIRECTIONS FOR USE

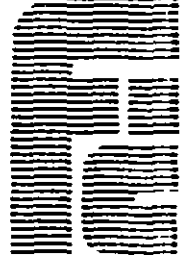
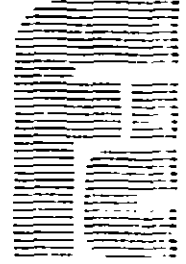
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Adequate ventilation is required if mixing/diluting above 16 on enclosed area.

Mix 1 gallon of this product with 10 gallons of water, spray uniformly over surface of lake, or reservoir at the rate of 10 to 20 gallons of diluted product per acre foot of water (0.5 to 1.0 ppm Rotenone Solution FK-11 or 0.125 to 0.25 ppm dianone).

For treating streams, allow this product to drain into the drain directly into the center of the drain at a rate of 0.95 to 1.7 cc per minute for each cubic foot of water flowing per second in the stream (0.5 to 1.0 ppm Rotenone Solution FK-11 or 0.125 to 0.25 ppm dianone).

**NET CONTENTS**  
1 Gallon USA



BEST AVAILABLE COPY

**FAIRFILL AMERIK CORPORATION**  
238 WILSON AV  
NEWARK, N J 0