Due to acute oral and acute inhalation toxicity categories. For retail sale to, and use only by, Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator’s certification.

**PRENFISH™ FISH TOXICANT**

Liquid Emulsifiable Fish Toxicant

For Control of Fish in Lakes, Ponds, Reservoirs, and Streams

The applicator is responsible for conforming to the label. Important guidance on the safe and effective use of this product is provided in the rotenone SOP Manual, available from the Registrant or the American Fisheries Society at https://units.fisheries.org/rotenone-stewardship/

**ACTIVE INGREDIENTS:**

Rotenone ...................................................................................................5% w/w

Cube Resins other than rotenone ...............................................................5%

**OTHER INGREDIENTS** .................................................................90%

Total ..........................................................................................100%

† Contains Petroleum Distillates

**EPA Reg. No. 89459-85**

**EPA Est. No. A 44616-MO-1* B 44616-MO-2**

**KEEP OUT OF REACH OF CHILDREN**

**DANGER - POISON - PELIGRO**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See booklet for additional Precautionary Statements

**FIRST AID –** Call a poison control center or doctor immediately for treatment advice.

If inhaled • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.

If swallowed • Call a poison control center or doctor immediately for treatment advice. • Do not give any liquid to the person. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.

If on skin or clothing • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes.

If in eyes • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may contact 1-800-248-7763 for information including health concerns, medical emergencies or pesticide incidents, 24 hrs/day, 7 days/wk.

**NOTE TO PHYSICIAN:** Contains petroleum distillate. Vomiting may cause aspiration pneumonia. Symptoms of exposure include numbness, lethargy and incoordination. Decontamination, symptomatic and supportive treatment is recommended.

*©eked letter in front of the EPA Est No. corresponds to the first letter in lot number on bottom of container.

**NET CONTENTS: 2.5 GAL**

30027875
In order to treat a stream you must: (1) Select the concentration of active rotenone; (2) Compute the flow rate of the stream; (3) Select an amount of Prenfish™ Fish Toxicant to be used; (4) Select an appropriate method of delivery; and (5) Set the start and end dates and times for application. The amount of product to be used can be estimated using the following equation:

\[ X = Y \times \left( \frac{F \times V}{B} \right) \]

where:
- \( X \) = total amount of Prenfish™ Fish Toxicant to be used
- \( Y \) = concentration of active rotenone desired
- \( F \) = flow rate of stream (m³/s)
- \( V \) = volume of desired concentration of Prenfish™ Fish Toxicant
- \( B \) = parts per million desired concentration of Prenfish™ Fish Toxicant

For rotational applications, a potassium permanganate solution must be applied at a continuous rate using the following equations:

\[ Y = \left( \frac{F - 0.20V}{15} \right) \]

\[ Z = \left( \frac{F - 0.15V}{15} \right) \]

\[ Z = \left( \frac{F - 0.10V}{15} \right) \]

Check flow of permanganate at least hourly. Live fish in cages placed immediately above the permanganate application site will show signs of distress immediately after release. Deactivation can be terminated when fish exhibit signs of distress for at least four hours.

Precautions and Restrictions:

1. The applicator is responsible for conforming to the label.
2. Resource Agencies.
3. For Control of Fish in Lakes, Ponds, Reservoirs, and Streams

- Do not consolidate water, food or feed by storage or disposal.
- Pesticide Storage: Store only in original containers. Do not store near any equipment at temperatures below 40°F and is stable for a minimum of one year when stored in sealed drums at 40°F.
- Pesticide Disposal: Pesticide waste is highly hazardous. Improper disposal of residuals, spray residue, 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, or the Hazardous Waste Management Representatives at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING: Nonflammable container. Do not reuse or refill this container. Triple rinse or rinse container (or equivalent) promptly after emptying.

(For Containers 5 Gal or Less) Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and clean for 10 seconds after the first 10 seconds. Rinse for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Clean for 10 seconds after the first 10 seconds. Repeat this procedure two more times. Offer for recycling, if available or nonconditioning. If appropriate or pursuant to disposal in a sanitary landfill, or by other procedures approved by state and local authorities.

(For Containers greater than 5 Gal or Less) Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. To container on its side and roll forward and backward ensuring at least one complete revolution, for 30 seconds. Store the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling, if available or nonconditioning. If appropriate or pursuant to disposal in a sanitary landfill, or by other procedures approved by state and local authorities.

WARRANTY STATEMENT: Our recommendations for the use of this product are based upon tests believed to be reliable. The reliability of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. To the extent consistent with applicable law, the buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.
Precautionary Statements – Hazards to Humans and Domestic Animals – Danger – Poison

Precautionary statements: HAZARDS TO HUMANS AND DOMESTIC ANIMALS – DANGER – POISON

False or unwarranted rumors may cause harm to public health and safety. Do not broadcast rumors or spread false information.

Personal Protective Equipment (PPE)

At least one pair of protective shoes must be worn while the product is in use. Personal protective equipment (PPE) is necessary for personnel working with this product. PPE must include:

- Eye protection
- Respiratory protection
- Hand protection
- Body protection

Warning: Use of Personal Protective Equipment (PPE) is necessary to protect against contact with pesticides outside the enclosed area. Pilots in enclosed cockpits may wear a long-sleeved shirt, long pants, shoes, and socks. In streams/rivers/lakes/reservoirs/ponds, do not apply this product in a way that will result in active rotenone concentration > 200 parts per billion/0.2 ppm (> 4 ppm 5% rotenone formulation). Do not apply this product in a way that will contact workers or other handlers with pesticide concentrations > 200 parts per billion/0.2 ppm (> 4 ppm 5% rotenone formulation). Ensure that the probe/dip tube is specifically sized to insure a snug fit into the bung which incorporates an anti-drip flange to prevent contact with pesticides outside the enclosed area. Pilots in enclosed cockpits may wear a long-sleeved shirt, long pants, shoes, and socks. In streams/rivers/lakes/reservoirs/ponds, do not apply this product in a way that will result in active rotenone concentration > 200 parts per billion/0.2 ppm (> 4 ppm 5% rotenone formulation). Do not apply this product in a way that will contact workers or other handlers with pesticide concentrations > 200 parts per billion/0.2 ppm (> 4 ppm 5% rotenone formulation).
Prenfish™ Fish Toxicant can drain directly into the center of the stream. Check flow at least hourly. Spray backwater, stagnant, and spring areas. Use a mechanical sampler at the stream bottom to measure rotenone concentration. For streams associated with a treatment of standing body of water, to prevent movement of fish from the pond, lake, or reservoir, apply rotenone in the surface or through underwater lines. Divide water body into manageable sections, delineated by marker buoys or flags or GPS coordinates, and spray each section separately. The treatment is considered complete when鱼 concentration in water is below the labeled tolerance level for fish. Sampling and bioassay may be necessary at the downwind edge of the application area by adjusting the path of the aircraft upwind. Leave at least one week for the displaced fish to return to the treatment area.

**DETERMINING TREATMENT RATE**

Use drift product to estimate rates, rates, and times authorized and approved by appropriate State and Federal Fish and Wildlife and/or Natural Resources Agencies. The actual treatment rate and rotenone concentration needed to control fish varies depending on the type of water, environmental factors including pH, temperature, depth, turbidity, and the target species. The tables below are a general guide for the proper rates and concentrations for complete kills of target species. The Certification Applicant must conduct bioassays using the treated water (or water of similar quality) and target species (or surrogate species of similar sensitivity) to refine the treatment rate with the maximum fish kill allowed. Detailed guidance bioassays and designing treatment for complete kills of target species are presented in the Rotenone SOP Manual (SOP 9). Rates must be within the range specified on the label.

**PESTICIDE DISPOSAL:**

Product Containers < 5 Gallons

- Follow proper waste handling techniques when emptying. (1) After emptying the drum, allow product to soak and then add water to the drum. (2) Mix product with water in the drum by agitating the drum and allowing the mixture to settle. (3) Pour the mixture into a holding tank or place the drum into a hopper for incineration. (4) Do not attempt to pour residual product into the hopper, but dispose of it in a sanitary landfill or by other proper waste handling techniques. (5) Do not attempt to pour residual product into the hopper, but dispose of it in a sanitary landfill or by other proper waste handling techniques.

**𝄃(759,245),(923,252)(4,8),(993,994)(4,10),(993,994)(4,8),(993,994)(4,8),(993,994)(4,8),(993,994)
Deactivation: Water treated with this product will deactivate (neutralize) under natural conditions within one week to one month depending upon water temperature, alkalinity, etc. Rapid deactivation can be accomplished by adding potassium permanganate to the water at the same rate as PheroFlex™ Fish Toxicant to parts per million, plus enough additional to meet the desired level of the untreated water. See PheroFlex Manual (SOP) B for additional guidance.

Restraining after Treatment: Typically, wait 2 to 4 weeks after treatment prior to restocking. 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.

USE IN STREAMS AND RIVERS
In order to treat a stream you must: (1) Select the concentration of active rotenone; (2) Compute the flow rate of the stream; (3) Select an exposure time; (4) Select dilution of product and calculation of application rate; (5) Estimate the amount of product needed, and (6) Follow the method of application. For practical purposes, apply undiluted product to flows > 25 ft³/s (> 0.708 m³/s) and apply diluted product to flows < 25 ft³/s (< 0.708 m³/s). For streams associated with a treatment of standing body of water, reposition movement of fish from the pond, lake, or reservoir, the stream treatment should begin before and continue throughout treatment of the pond, lake or reservoir until mixing has occurred.

Concentration of Active Rotenone
Select the concentration of active rotenone based on the type of use as listed on the tables. Example: If you select "normal" use you would select a concentration of 0.025 - 0.05 ppm per liter.

Table - Recommended treatment concentrations and number of cubic feet per second (cfs) (ft³/sec) mixing water treated for 4- and 8-hour periods with one gallon of (5% A.C.) product. Adjust amount of product according to the actual concentration found in Kinetically Important side.

<table>
<thead>
<tr>
<th>Type of Use</th>
<th>Products per Gallon (ppm)</th>
<th>Active Rotenone</th>
<th>% of Gallons</th>
<th>% of Gallon</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal</td>
<td>0.5 - 1.0</td>
<td>0.005 - 0.035</td>
<td>18.4 to 9.2</td>
<td>0.2 to 4.6</td>
</tr>
<tr>
<td>Tolerant Species</td>
<td>1.0 - 3.0</td>
<td>0.03 - 0.15</td>
<td>9.2 to 3.1</td>
<td>4.6 to 1.6</td>
</tr>
<tr>
<td>Tolerant Species in Organic Waters</td>
<td>2.0 - 4.0</td>
<td>0.1 - 0.2</td>
<td>4.6 to 2.3</td>
<td>2.3 to 1.2</td>
</tr>
</tbody>
</table>

Table - Recommended treatment concentrations and number of cubic feet per second (cfs) mixing water treated for 4- and 8-hour (hr) periods with one liter of (5% A.C.) product. Adjust amount of product according to the actual concentration found in Kinetically Important side.

<table>
<thead>
<tr>
<th>Type of Use</th>
<th>Products per Liter (ppm)</th>
<th>Active Rotenone</th>
<th>n/100 mL</th>
<th>n/100 mL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal</td>
<td>0.5 - 1.0</td>
<td>0.025 - 0.035</td>
<td>0.158 to 0.069</td>
<td>0.099 to 0.034</td>
</tr>
<tr>
<td>Tolerant Species</td>
<td>1.0 - 3.0</td>
<td>0.05 - 0.15</td>
<td>0.006 to 0.024</td>
<td>0.003 to 0.013</td>
</tr>
<tr>
<td>Tolerant Species on Organic Waters</td>
<td>2.0 - 4.0</td>
<td>0.1 - 0.2</td>
<td>0.004 to 0.018</td>
<td>0.018 to 0.008</td>
</tr>
</tbody>
</table>

Measurement of Flow Rate for Stream
Select a cross section of the stream where the banks and bottom are relatively smooth and free of obstacles and the flow appears laminar. Best discharge measurements are achieved with an electronic flow meter and use of the United States Geological Survey Weighted Area Method.
RESTRICTED USE PESTICIDE
Due to acute oral and acute inhalation toxicity categories.
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Prenfish™ Fish Toxicant
Liquid Emulsifiable Fish Toxicant
For Control of Fish in Lakes, Ponds, Reservoirs, and Streams

THE APPLICATOR IS RESPONSIBLE FOR CONFORMING TO THE LABEL. IMPORTANT GUIDANCE ON THE SAFE AND EFFECTIVE USE OF THIS PRODUCT IS PROVIDED IN THE RETENONE SOP MANUAL, AVAILABLE FROM THE REGISTRANT OR THE AMERICAN FISHERIES SOCIETY AT https://units.fisheries.org/rotenone-stewardship/.

EPA Reg. No. 89459-85
EPA Est. No. (A) 44616-MO-1*  (B) 44616-MO-2*

ACTIVE INGREDIENTS:
Rotenone .............................................................................................................................................................. 5% w/w
Cube Resins other than rotenone .................................................................................................................................................. 5%
OTHER INGREDIENTS .................................................................................................................................................. 90%

Total .................................................................................................................................................. 100%

* Contains Petroleum Distillates

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DANGER - POISON - PELIGRO
Si usted no entiende la etiqueta, busque a alguien para que se le explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)
See attached booklet for additional Precautionary Statements

Manufactured for:
Central Garden & Pet Company
1501 East Woodfield Road 200W
Schaumburg, Illinois 60173

* Circled letter in front of the EPA Est No. corresponds to the first letter in lot number on bottom of container.

Green line = Dieline (5.5” H x 5.5” W)
Dashed Green line = Booklet placement (5.5” H x 4.75” W)
Pink area = Live Text Area.
Text must stay within these boundaries.
Only adjust this area if you have confirmed with printer that it is okay to do so.