

PM-14

Reg # 19713-316

196

NOV 09 1995

Drexel Chemical Co.
P.O. Box 13327
1700 Channel Ave.
Memphis, TN 38113-0327

Attention: Ms. Barbara Brown

Subject: 5% Pearson's & Company
EPA Registration No. 19713-316
Your amended application of October 9, 1995

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable provided that you make the following labeling changes before you release product for shipment:

1. Under "Total Amount of Product Needed for Treatment", change the first sentence to:

To determine the total number of pounds needed for treatment, divide the number of acre-feet covered by one pound for a specific type

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,



Robert A. Forrest
Product Manager (14)
Insecticide-Rodenticide Branch
Registration Division (H7504C)

Enclosures: 1. Stamped label
2. A-79 Enclosure

Peacock WP#6:A:19713.316:305-5407,-6600:11/9/95

BEST AVAILABLE COPY

296

RESTRICTED USE PESTICIDE
Due to Aquatic Toxicity
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.

Southland Pearson's & Company
5% Rotenone W.P.

ACTIVE INGREDIENTS:

Rotenone.....	5%
Other Associated Resins.....	10%
INERT INGREDIENTS.....	85%
TOTAL.....	100%

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed, absorbed through the skin, or inhaled. Avoid contact with skin, eyes, or clothing. Avoid inhalation of dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash thoroughly before reuse.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF IN EYES: Immediately flush eyes with plenty of water for at least 15 minutes and get medical attention.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

EPA Reg. No.: 19713-316

EPA Est. No.:

Net Contents:

WPS Submission: 10/9/95

ACCEPTED
with COMMENTS
in EPA Letter Dated

NOV 09 1995

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

19713-316

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish. Fish kills are expected at recommended rates. Consult your State Fish and Game Agency before applying this product to public waters to determine if a permit is needed for such an application. Do not contaminate untreated water when disposing of equipment wash waters.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

DIRECTIONS FOR USE

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

USE RESTRICTIONS

Use against fish in lakes and ponds.

Since such factors as pH, temperature, depth, and turbidity will change effectiveness, use this product only at locations, rates, and times authorized and approved by appropriate state and federal fish and wildlife agencies. Rates must be within the range specified in the labeling.

Properly dispose of dead fish and unused product. Do not use dead fish as food or feed.

Do not use treated with rotenone to irrigate crops or release within 1/2 mile upstream of a potable water or irrigation water intake in a standing body of water such as lakes, ponds, or reservoirs.

APPLICATION DIRECTIONS

Application Rates and Concentrations of Rotenone

The actual application rates and concentrations of rotenone needed to control fish will vary widely, depending on the type of use (e.g., selective treatment, normal pond treatment, etc.) and the factors listed above. The table below is a general guide for the proper rates and concentrations.

Total Amount of Product Needed for Treatment

To determine the total number of (specify pounds) needed for treatment, divide the number of acre-feet covered by one (specify gallon or pound) for a specific type of use (e.g., selective treatment, etc.), as indicated in the table below, into the number of acre-feet in the body of water.

General Guide to the Application Rates and Concentrations of Rotenone Needed to Control Fish in Lakes and Ponds.*

Type of Use	Number of Acre-Feet	Parts Per Million
	Covered by One Pound	5% Rotenone
Selective Treatment	3.7 to 2.8	0.10-0.13
Normal Pond Use	0.74 to 0.37	0.5-1.0
Remove Bullhead or Carp	.37 to .185	1.0-2.0
Remove Bullhead or Carp in Rich Organic Ponds	.185 to 0.093	2.0-4.0

*Adapted from Kinney, Edward. 1965. Rotenone in Fish Pond Management. USDI. Washington, D.C. Leaflet FL-576.

FISH POND RENOVATION

Rotenone is required for use by, or under permit from, appropriate State and Federal Fish and Wildlife Agencies.

DETERMINATION OF ACRE FEET

The term "acre feet" designates a unit of volume having an area of one acre and a depth of one foot. Make a series of transects across the water to be treated and sound with a weighted line or a pole measured in inches and feet. Add the sounding measurements and divide by the number of soundings to determine the average depth. Multiply the average depth by the total surface area, which can be determined from an aerial photograph or plat drawn to scale.

596
✓

APPLICATION OF ROTENONE

Treatment of ponds should be made in late September or early October. Apply 1 1/3 pounds of Pearson's 5% Rotenone W.P. to each acre foot of water. Place proper amounts in a burlap bag and trail behind an outboard motor boat; make sure a sufficient number of passes across the pond to ensure completing mixing. When treating deep ponds, weight the bag and tow at the desired depth. Knead the bag frequently. If the pond contains catfish, green sunfish, golden shiners, suckers warmouth and other hard-to-kill fish, use 3 pounds of Pearson's 5% Rotenone W.P. to each acre foot of water. If the pond has been drained, this product should be mixed with water until a thin mixture is obtained, then applied with a dipper or small container to all potholes and water surface within the pond and mixed with an outboard motor if possible.

RESTOCKING AFTER TREATMENT

Wait 2 to 4 weeks after treatment of pond. After this time has elapsed, place a sample of desired fish to be stocked into wire cages in the coolest part of the treated pond. If these fish are still alive after 24 hours, the pond may be restocked.

RE-ENTRY STATEMENT

Do not allow swimming in rotenone-treated water until the application has been completed and all pesticide has been thoroughly mixed into the water according to labeling instructions.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE INSTRUCTIONS

Storage should be under lock and key and secure from access by unauthorized persons and children. Storage should be in a cool, dry area away from any heat or ignition source. Avoid storage in high temperatures. Do not stack over 2 pallets high. Move bags carefully as not to tear or puncture. Do not move containers from area to another unless they are securely sealed. Keep container tightly sealed when not in use. Do not allow bags to become wet or store in a damp, humid area. Keep away from any puncture source. Avoid storage near water supplies, food, feed, and fertilizer to avoid contamination. Store in original containers only. If the contents are leaking or material is spilled, follow these steps:

1. Collect and place in suitable containers for disposal.
2. Wash area with water and soap to remove remaining pesticide.
3. Follow washing with clean water rinse.
4. Do not allow runoff to enter sewer or contaminate water supplies.
5. Dispose of waste as indicated below:

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

Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.