

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (TS-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.

DATE OF ISSUANCE

299-227

DEC 17 1991

TERM OF ISSUANCE

NOTICE OF PESTICIDE: ☒ REGISTRATION
☐ REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

MARTIN'S ROTENCONE POWDER

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

C. J. Martin Company
606 West Main St.
Nacogdoches, TX 75961

7 5408540 160
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NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling changes listed below before you release the product for shipment:

a. Add phrase, "EPA Registration No. 299-227".

b. Under the CONTAINER DISPOSAL section, the last sentence should read:

"If burned, stay out of smoke."

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

☒ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DEC 17 1991

MARTIN Disk 1 12/14/91

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

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

Sincerely yours,

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

Enclosure: 1) Stamped label
2) A-79 Enclosure

MARTIN'S

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.

ROTENONE POWDER

5% ROTENONE

For Fish Control in Lakes and Ponds

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side Panel For Other Cautions

ACTIVE INGREDIENTS:

Rotenone	5.00%
Other Inert Resins	10.00%
INERT INGREDIENTS	85.00%

TOTAL	100.00%

EPA Reg. No. 299-227

EPA Est. No. 299-TX-1

Net Weight: 25 POUNDS

ACCEPTED
with COMMENTS
in EPA Letter Dated:

DEC 17 1991

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

299-227

~~ACCEPTED~~

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

BEST AVAILABLE COPY

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 water 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 a lake, pond, or reservoir.

APPLICATION DIRECTIONS:

Treatment of Lakes and Ponds

1. 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.

2. Total Amount of Product Needed for Treatment

To determine the total number of pounds needed for treatment, divide the number of acre-feet covered by one 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.

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Consult Table 1 for Application Rates and concentrations of Rotenone needed to control Fish in Lakes and Ponds.

Type of Use	Number of Acre-Feet Covered by One Pound	Parts Per Million	
		Active Rotenone	5% Product
Defoliate treatment	1.7 to 2.8	0.005 - 0.007	0.10 - 0.13
Normal Pond use	0.74 to 0.87	0.025 - 0.050	0.50 - 1.00
Remove surface weeds of Pond	0.37 to 0.18%	0.050 - 0.100	1.00 - 2.00
Remove surface weeds of Pond in rich Organic ponds	0.18% to 0.09%	0.100 - 0.200	2.00 - 4.00
Control algae and other Green Algae in open water	0.11 to 0.074	0.150 - 0.250	3.00 - 5.00

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Method of Measurement for Lake or Pond

An acre-foot is a unit of water volume having a surface area of one acre and a depth of one foot. Make a series of transects across the surface, taking depths with a measured pole or weighted line. Add the measurements and divide by the number made to determine the average depth. To compute total acre-feet, multiply this average depth by the number of surface acres, which can be determined from an aerial photograph or a plan drawn to scale.

Method of Application

Pre-mix one pound of Rotenone with 3 to 10 gallons of water. Uniformly apply over water surface or bubble through underwater lines. Alternately, place undiluted powder in burlap sack and trail behind boat when treating open water (20 to 25 feet) weight bag and tow at desired depth.

1. Removal of Taste and Odor

Rotenone treated water may develop a detectable taste or odor for more than a few days to a week or one month. Taste and odor can be removed immediately by treatment with activated charcoal at a rate of 20 lbm. for each 1000 gal. of water remaining. (NOTE: In Rotenone cartridges, the charcoal is pre-impregnated).

to be stocked.

Waters treated with Rotenone detoxify within 2 to 4 weeks, depending on pH, temperature, water hardness, and depth. To determine if detoxification has occurred, place wire cages containing samples of fish to be stocked in the coolest part of the treated waters. If fish are not killed within 24 hours, the water may be restocked. More rapid detoxification can be accomplished by adding chlorine or potassium permanganate to the water at the same rate as Rotenone in parts per million, plus enough additional to meet the chlorine demand of the untreated water.

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

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 washwaters.

STORAGE AND DISPOSAL

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

STORAGE: Store only in original container, in a dry place inaccessible to children and pets. If spilled, sweep up and dispose of as below.

WASTE 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 bag in a sanitary landfill or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.