

31 AUG 1988

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Mr. Edward W. Schafer, Jr.
USDA/APHIS/ADC
Building 16, Denver Federal Center
P.O. Box 25266
Denver, CO 80225-0266

Dear Mr. Schafer:

Subject: Zinc Phosphide for Control of Muskrats and Nutrice
EPA Registration No. 56228-9
Your Application Dated May 18, 1988

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable subject to the comment listed below.

- In the use directions, move the sentence "Bait material resembling . . . food" from the beginning of the "BAITING" subheading to the end of the section entitled "MIXING BAIT." At beginning of "BAITING" section, insert the sentence "Apply bait in locations where prebait was accepted."

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.

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 constitutes acceptance of these conditions.

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

Name Change

The following name change is acceptable.

From: Zinc Phosphide for Control of Muskrats and Nutrice

To: Zinc Phosphide Concentrate for Muskrat and Nutrice Control

53267:I:Palmateer:LM-6:KENCO:8/23/88:1/3/89:Am:EK:Am

CONCURRENCES

CONCURRENCES								
SYMBOL								
SURNAME								
DATE								

By copy of this letter, we are informing our Registration Support and Emergency Response Branch of your name change.

Sincerely yours,



William H. Miller
Product Manager (16)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

Enclosures

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

Keep away from humans, domestic animals, and pets. May be fatal or harmful if swallowed. Avoid eye or skin contact. Do not breathe dust. Avoid contamination of feed or food stuffs. Prevent the contact of bait with acids. Wash hands thoroughly with soap and water after use.

Use concentrations for making baits in open areas, especially if the baiting material is wet. Do not breathe any dry bait; use respiratory protection when mixing baits.

Keep products away from children, irresponsible individuals, domestic animals, pets, and poultry.

Place baits in locations not accessible to children, pets, livestock, and nontarget wildlife, or use tamper-resistant bait stations for products used in/around buildings.

ENVIRONMENTAL HAZARDS

This product is toxic to wildlife and fish. Birds and other wildlife feeding in treated areas may be killed. Use with care when applying in areas frequented by wildlife or adjacent to any body of water. Keep out of lakes, ponds, or streams. This product shall not be applied over bodies of water, in areas inhabited by livestock, or where a hazard exists to rare or endangered species. Do not contaminate water by cleaning of equipment or disposal of wastes.

ENDANGERED SPECIES CONSIDERATIONS

Whooping Crane (*Grus americana*)

Do not use this product 30 days prior to arrival and 30 days after the whooping crane leaves its known critical habitat.

Attwater's Greater Prairie Chicken

(*Tympanuchus cupido attwateri*)

Do not use this product in critical habitat of the Attwater's greater prairie chicken in the following Texas counties: Aransas, Austin, Brazoria, Colorado, De Witt, Ft. Bend, Galveston, Goliad, Harris, Refugio, Victoria, Waller, and Wharton.

Yellow-Shouldered Blackbird (*Agelaius*

xanthomus) and Puerto Rican Plain Pigeon

(*Columba inornata wetmorei*)

Do not use in critical habitat except in tamper-proof bait boxes: within 6.3 miles of central Aquirre Lago Cicra, Ceiba, San German; 9.4 miles of La Esperanza; south of Highway-2 from City at Mayaguez to the city of Ponce; and all of Mona Island, Puerto Rico.

Utah Prairie Dog (*Cynomys parvidens*)

Do not use this product in critical habitat of the Utah prairie dog. (Utah)

See back panel for additional Endangered Species Considerations

RESTRICTED USE PESTICIDE

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 Applicators certification.

ZINC PHOSPHIDE CONCENTRATE FOR MUSKRAT AND NUTRIA CONTROL

For the control of muskrats and nutria on floating rafts and around active burrows.

ACTIVE INGREDIENT:

Zinc Phosphide 63.2%

INACTIVE INGREDIENTS:

TOTAL 100.0%

KEEP OUT OF REACH OF CHILDREN

DANGER-POISON



STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY!

Any person applying zinc phosphide products and experiencing signs or symptoms such as nausea, abdominal pain, tightness in the chest or weakness, should be seen by a physician immediately.

If swallowed, drink 1-2 glasses of water and induce vomiting by touching the back of the throat with the finger. Avoid the use of all oils. Have person lie down and keep warm. Do not induce vomiting or give anything by mouth to an unconscious person.

If on skin or eyes, flush with plenty of water.

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE
NATIONAL TECHNICAL SUPPORT STAFF/ADC

Hyattsville, MD 20782
EPA Est. No. 56228-ID-1
EPA Reg. No. 56228-9

Net Weight oz.

STORAGE

Do not contaminate disposal.

STORAGE: Store in place inaccessible to animals.

PESTICIDE DISPOSAL: Do not spill, or if spilled, do not use these wastes. Contact the nearest Environmental Control Waste representative Office for guidance.

CONTAINER DISPOSAL: Do not shake and tap, or use equipment T or by incineration authorities.

DIRECTIONS

It is a violation of law to use in a manner inconsistent with the label.

USE RESTRICTIONS: Do not use on *Ondatra zibethicus* (Nutria) or *Myocastor coypus* (Coypu) where they are endangered. Do not use in areas accessible to livestock.

PREBAITING: Prebait with fish, eggs, carrots or other bait and coating them with the concentrate.

Prebait may be applied to small rafts (4 feet or smaller) or small bays or lakes or floating structures. Muskrats or nutria on large rafts may be prebaited on small waterways. Prebait 100 feet apart in areas where muskrats or nutria slides, runs, burrows, or other signs are present. Pounds of prebait on small rafts. Prebait may also be applied to areas of rodent activity at each location.

See back panel for additional information.

**ENDANGERED SPECIES
CONSIDERATIONS**
(Continued)

**Salt Marsh Harvest Mouse (*Reithrodontomys
raviventris*)**

Do not use this product in critical habitat within 0.5 mile of salt marsh vegetation and/or brackish water wetlands which are located: 1) near or adjacent to San Pablo Bay and San Francisco Bay, or 2) in the Sacramento River below or adjacent to the confluence of the Sacramento River and the San Joaquin River. (California)

**Morro Bay Kangaroo Rat (*Dipodomys
heermanni morroensis*)**

Do not use this product in critical habitat within 2.5 miles of Baywood Park which is located on Morro Bay. (California)

**Aleutian Canada Goose (*Branta canadensis
leucopareia*)**

Do not use this product from October to March in the federally closed goose hunting areas in the State of California. See current duck and goose hunting game laws for current map.

40F4
DIRECTIONS FOR USE
(Continued)

MIXING BAIT: Wear an approved respirator and rubber gloves. Apply in a well ventilated area. Due to compaction, can should be shaken before opening. To mix bait, place 10 pounds of apples cut into eights, carrots, or sweet potatoes cut into 2 inch pieces in a 5 gallon container. Coat bait with 30 ml (1 oz.) of corn oil. Apply 48 grams (7 1/2 level tablespoons) of this product. Mix bait thoroughly by hand or mechanical mixer. (When using apples, corn oil is not needed)

BAITING: Bait material resembling human food must be altered in form by crushing, balling, dicing, or pelleting so that they are not readily recognizable as food.

(Large Rafts) If all, or most of the 10 pounds of prebait has been eaten by the second night of prebaiting then bait by applying 10 pounds of zinc phosphide-treated bait. If 1/2 to 3/4 of the prebait has been eaten by the second night of prebaiting use 5 pounds of zinc phosphide-treated bait. If only a few pieces have been eaten by the second night, move the raft to another location. If all, or almost all of the zinc phosphide-treated bait has been eaten the first night, 10 pounds of zinc phosphide-treated bait should be put out on the second night. If less than 2.5 pounds has been eaten the first night, 5 pounds should be put out on the second night.

(Small Rafts) If prebaits are eaten, four pieces of zinc phosphide-treated bait should be put out each night until no more bait is taken.

(Ground) If prebaits are eaten, four pieces of zinc phosphide-treated bait should be put out each night until no more bait is taken.

Do not retreat the same area with zinc phosphide-treated bait at less than 30-day intervals.

Collect and properly dispose of uneaten bait and dead rodents after completion of the control program, often set at 72 hours.

Do not exceed application rates specified on label.