

PM 16 10182-6/

17 FEB 1988

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Ms. Diane L. Ierley
ICI Americas, Inc.
Concord Pike & New Murphy Road
Wilmington, DE 19897

Dear Ms. Ierley:

Subject: Havoc Rodenticide Bait Pack (Pellets)
EPA Registration No. 10182-61
Re: Labels Submitted in Response to the Agency's
Inert Policy
Your Letter Dated October 19, 1987

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

- The "inerts of concern" statement must be in a type size larger than, or equal to, the heading used in the ingredients statement.

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 this condition is 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 this condition.

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

Sincerely yours,

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

Enclosure

10745-I:Palmateer:CBI-19:KENCO:2/11/88:4/23/88:CB:LP:CB

CONCURRENCES

SYMBOL	SURNAME	DATE					

1063



KILLS RATS AND MICE

RODENTICIDE BAIT PACK (PELLETS)

HAVOC

APPLICATION DIRECTIONS

Norway rat bait: Apply 2 to 6 packs (usually at intervals of 15 to 30 feet) per placement. Maintain an uninterrupted supply of fresh bait for 10 days or until signs of rat activity cease.

House mice: Place packs and apply 1/2 to 1/4 ounce of bait at intervals of 8 to 12 feet per placement. Larger placements (up to 2 ounces) may be needed at points of very high mouse activity. Maintain an uninterrupted supply of fresh bait for 15 days or until signs of mouse activity cease.

Bait and other rodents contaminated or spoiled bait immediately collect and dispose of all food items and contaminated bait according to "Storage and Disposal" paragraph. To prevent recontamination, eliminate food, water, and harborage as much as possible. If recontamination does occur, repeat treatment. Where a continuous source of infestation is present, establish permanent bait stations and reapply bait as needed.

NOTICE TO BUYER AND USER:

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable by Seller, and Buyer and User assume the risk of any such use. SELLER DISCLAIMS ALL OTHER WARRANTIES, INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY. SELLER SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT AND SELLER'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE.

This product is protected by US patent numbers 3857824 and 4835585 which are the property of ICI Americas Inc. and Company Limited. HAVOC is a registered trademark of ICI Americas Inc.

EPA Reg. No. 18182-01
EPA Est. No. 2303 88-1
Net Content: 16750 gms (1.76 kg) bait packs

ICI Americas Inc.
Agricultural Chemical Group
Wilmington, Delaware 19887

ACD 700-005A3 1/8

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Do not reuse empty container except for holding additional HAVOC. Rodenticide Storage: Store in original container only in a dry place inaccessible to children and pets.

Hazardous Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Container Recycled: Dispose of bait containers in a sanitary landfill or by incineration if allowed by state and local authorities.

DIRECTIONS FOR USE

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

Use Restrictions: For control of Norway Rats, Roof rats and House mice in and around homes, industrial, commercial, agricultural and public buildings. HAVOC may also be used in and around homes' exterior porches, terraces, awnings and related part of terminal buildings. Authorized by the USDA for use in Federally inspected meat, poultry, and egg processing plants. Do not use in schools. This product must be placed in tamper-proof bait boxes or in locations not accessible to children, pets, domestic animals or wildlife. Do not place bait in areas where there is a possibility of contaminating food or surfaces that come in direct contact with food.

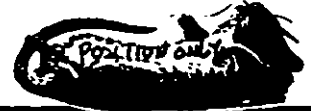
Selection of Baited Areas: Determine areas where rats and/or mice will most likely feed and consume the bait. Generally, these areas are along walls, by drains, openings, or in hidden burrows, in corners and unattended places, between floors and walls, or in locations where rodents or their signs have been observed. Remove as much bait as possible.

10 bait packs

HAVOC

RODENTICIDE BAIT PACK (PELLETS)

KILLS RATS AND MICE



Kills warfarin-resistant Norway Rats and House Mice.

Rodents may consume a lethal dose in one feeding with first dead rodents appearing four or five days after treatment begins.

KEEP OUT OF REACH OF CHILDREN

CAUTION

May Be Harmful or Fatal if Swallowed Read Additional Precautionary Statements on Side Panel

Active Ingredient: Brodifacoum
3-(2,4,6-trimethylphenyl)-1,2,4-oxadiazole-5-one
0.005%
Inert Ingredients: 99.995%
This product contains the toxic
pesticide ingredients listed on the
Label Registration Statement 0.

BEST AVAILABLE COPY

COPY 043



PRECAUTIONARY STATEMENTS. HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION MAY BE HARMFUL OR FATAL IF SWALLOWED. KEEP AWAY FROM HUMANS, DOMESTIC ANIMALS, AND PETS. WASH HANDS AFTER HANDLING BAIT. DOGS, OTHER PETS, AND DOMESTIC ANIMALS FEEDING ON BAIT OR POISONED RODENTS MAY BE KILLED. DO NOT EAT CHICKENS OR OTHER DOMESTIC ANIMALS THAT HAVE INGESTED BAIT OR POISONED RODENTS IF BAIT IS EATEN BY HUMANS. CALL A PHYSICIAN AT ONCE. For 24-hour emergency assistance, call your local Poison Control Center. If bait is eaten by animals or pets, call your local Poison Control Center for 24-hour emergency assistance. OUTE TO PHYSICIAN OR VETERINARIAN This product may reduce the clotting ability of the blood and cause hemorrhaging if poisoning occurs, and administration of vitamin K₁ are indicated, as in poisoning from warfarin or brodifacoum. For human cases, vitamin K₁ is antidotal at doses of 10-20 mg (100 mg/kg). For animal cases, vitamin K₁ is antidotal at 2-5 mg/kg. Repeated doses may need to be given up to two weeks (based on monitoring of prothrombin times). In severe cases, blood transfusions may be necessary.
ENVIRONMENTAL HAZARDS This product is toxic to fish, birds and wildlife. This product can pose a secondary hazard to birds of prey and mammals. Keep out of any body of water.

STORAGE AND DISPOSAL Store away from children and pets. Wrap empty or used container and put in trash.

Havoc
 RODENTICIDE BAIT PACK (PELLETS)
KILLS RATS & MICE

Kills warfarin-resistant Norway Rats and house mice. Rodents may consume a lethal dose in one feeding when first dead rodents appearing (out of live days after treatment begins).

Active Ingredients:
 Brodifacoum: 3.13% (1,1'-biphenyl)-4-yl-1,2,3,4-tetrahydro-1-naphthyl-4-yl-1-hydroxy-2H-1-benzopyran-2-one
 Inert ingredients 96.87%

0.005%
 99.995%

**KEEP OUT OF REACH OF CHILDREN
 CAUTION**

This product contains the toxic inert ingredient Rhodamine B
 100.000%

May Be Harmful or Fatal if Swallowed (read Additional Precautionary Statements on Back Panel)
 EPA Reg. No. 10182-61
 EPA Est. No. 2393-WI-1
 Net Contents: 50 gm (1.76 oz) bait pack
 Batch Number

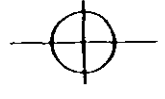
ICI Americas Inc.
 Agricultural Products
 Wilmington, Delaware 19897

ACQ 78P-0924 VIC

DIRECTIONS FOR USE It is a violation of Federal law to use this product in a manner inconsistent with its labeling. The restrictions for control of Norway Rats, Roof rats and House mice in and around homes, industrial, commercial, agricultural and public buildings. HAVOC may also be used in and around transport vehicles (shoes, trains, aircraft) and related port or terminal buildings. Authorized by the USDA for use in Federally inspected meat, poultry, and egg processing plants. Do not use in sewers. This product must be placed in tamper proof bait boxes or in locations not accessible to children, pets, domestic animals or wildlife. Do not place bait in areas where there is a possibility of contaminating food or surfaces that come in direct contact with food. **Selection of Treatment Areas.** Determine areas where rats and/or mice will most likely feed and consume the bait. Generally, these areas are along walls, by gnawed openings, in or beside burrows, in corners and concealed places, between floors and walls, or in locations where rodents or their signs have been observed. Remove as much food as possible.

APPLICATION DIRECTIONS Norway and Roof Rats: Apply 2 to 8 bait packs (usually at intervals of 15 to 30 feet) per placement. Maintain an uninterrupted supply of fresh bait for 10 days or until signs of rat activity cease. **House Mice:** Open pack and apply 1/4 to 1/2 ounce of bait at intervals of 8 to 12 feet per placement. Larger placements (up to 2 ounces) may be needed at points of very high mouse activity. Maintain an uninterrupted supply of fresh bait for 15 days or until signs of mouse activity cease. **Bats & Poles:** Replace contaminated or spoiled bait immediately. Collect and dispose of all dead animals and unconsumed bait according to "Disposal" paragraph. To prevent reinfestation, eliminate food, water, and harborage as much as possible. If reinfestation does occur, repeat treatment. Where a continuous source of infestation is present, establish permanent bait stations and replenish bait as needed.

10182-61
 EPA Reg. No. 10182-61
 EPA Est. No. 2393-WI-1
 17 FEB 1988
 ACCEPTED
 WITH COMMENTS
 in EPA Letter Dated



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