

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

EPA REGISTRATION NO.

DATE OF ISSUANCE

10182-338  
TERM OF ISSUANCE

SEP 18 1991

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION  
(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Havoc Rodenticide Bait Pack  
Mini-Pellets With Bitrex

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

ICI Americas Inc.  
Agricultural products  
Wilmington, DE 19897

5399768  $\frac{161}{.8}$

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 FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) 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 the phrase, "EPA Registration No. 10182-338"
- b. The following comments apply to the outer carton label:

The "DIRECTIONS FOR USE" portion of the label for the outer container for this product would generally acceptable for containers holding at least eight placepacks (see item "2."). When you print labels, make the changes listed below.

- 1) Change "cna" to "can" in the third sentence of item "2." under "IMPORTANT."

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

2) Delete the sentence "This product must be placed in . . . wildlife." from the "USE RESTRICTIONS" section. Item "2." under "IMPORTANT" takes the place of the "tamper-proof bait boxes" statement.

c. The following comments apply to the placepack label:

The "DIRECTIONS FOR USE" portion of the label for the 50-g placepack that would be sold inside an outer container is acceptable.

We doubt that it will be possible to fit the entire "DIRECTIONS FOR USE" text for this product onto the label of a 50-g placepack. Even if it were possible to do so, we would not permit such placepacks to be sold individually as the packs do not provide nearly enough bait to make a single label-consistent placement for controlling Norway rats or roof rats. The smallest number of 50-g. packs that could be sold together would be two. The label for the container in which these packs were sold would have to indicate the limited killing power of the total package by use of a statement such as

"The two placepacks in this box contain enough bait to control 1-3 rats."

If the smallest package that you used contained 8 or more 50-g packs, you would not have to use a qualifying statement.

d. The following statement applies to all ICI Brodifacoum baits which contain Bitrex:

EPA is not persuaded at this time that including 10 ppm of Bitrex in these baits necessarily makes them safer than similar baits which lack this ingredient. You may make no claims of improved safety in your advertising or on your labels. Such literature may include a factual statement that the product contains Bitrex. However, such a statement must not be unduly emphasized nor may it appear in a context which transforms it into an implied claim of enhanced safety.

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.

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.

30410

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

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

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





**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.**

**IF BAIT IS EATEN BY HUMANS, CALL A PHYSICIAN AT ONCE.**

**IF BAIT IS EATEN BY ANIMALS OR PETS, CALL A VETERINARIAN AT ONCE.**

**For 24-hour emergency assistance, call ICI Americas Medical Emergency Information Network 1-800-327-8633.**

**NOTE TO PHYSICIAN OR VETERINARIAN**

This product may reduce the clotting ability of the blood and cause hemorrhaging. If poisoning occurs, intramuscular and oral administration of vitamin K<sub>1</sub> are indicated, as in poisoning from overdose of bishydroxy coumarin. For human cases, vitamin K<sub>1</sub> is antidotal at doses of 10 to 20 mg (not mg/kg). For animal cases, vitamin K<sub>1</sub> is antidotal at 2 to 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.



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HAV 50 g M-Pkts Box  
RS-071591B

#### DIRECTIONS FOR USE

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

**READ THIS LABEL:** Read this entire label and follow all use directions and use precautions.

**IMPORTANT:** Do not expose children, pets, or other nontarget animals to rodenticides. To help to prevent accidents:

1. Store product not in use in a location out of reach of children or pets.
2. Apply bait in locations out of reach of children, pets, domestic animals and nontarget wildlife, or in tamper-resistant bait stations. These stations must be resistant to destruction of dogs and by children under six years of age, and must be used in a manner that prevents such children from reaching into bait compartments and obtaining bait. If bait can be shaken from stations when they are lifted, units must be secured or otherwise immobilized. Even stronger bait stations are needed in areas open to hooved livestock, raccoons, bears, or other potentially destructive animals, or in areas prone to vandalism.
3. Dispose of product container, and unused, spoiled, and unconsumed bait as specified on this label.

**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 transport vehicles (ships, trains, aircraft) and related port or terminal buildings. 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 surface that comes in direct contact with food.

**SELECTION OF TREATMENT AREAS:** Determine areas where rats and/or mice will most likely find 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.

BEST AVAILABLE COPY



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HAV 50 g M-Plts Box  
RS-071591B

**House Mice:**

Open pack and apply  $\frac{1}{4}$  to  $\frac{1}{2}$  ounce of bait per placement. Space placements at intervals of 8 to 12 feet. Up to two ounces of bait 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.

**Rats and Mice:**

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.

**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 dry place inaccessible to children and pets.

**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:** Dispose of bait container in a sanitary landfill or by incineration if allowed by State and local authorities. Wrap empty or used bait packs in newspapers and discard in trash.

**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 to Seller, and Buyer and User assumes the risk of any such use.

**SELLER DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, 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.**

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**HAVOC® Rodenticide Bait Pack Mini-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.

**ACTIVE INGREDIENT:**

**Brodifacoum**

3-[3-(4'-bromo-[1,1'-biphenyl]-4-yl)-1,2,3,4-tetrahydro-1-naphthalenyl]-4-hydroxy-2H-1-benzopyran-2-one . . . . . 0.005%

**INERT INGREDIENTS** . . . . . **99.995%**  
100.000%

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

Read Additional Precautionary Statements on Side Panel

EPA Reg. No. 10182-  
EPA Est. No.

Net Contents: 50 gram bait pack                      3/32" Mini-Pellets

ICI Professional Products  
ICI Americas Inc.  
Wilmington, DE 19897

SEP 10

10182-338





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**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

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**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.

**BEST AVAILABLE COPY**



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HAV 50 g M-Plts Pack  
RS-071591B

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read entire label on the outer package before using this product. It is illegal to sell these bait packs individually.

#### STORAGE AND DISPOSAL

Refer to label on outer package for full storage and disposal directions.

**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 to Seller, and Buyer and User assumes the risk of any such use. SELLER DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, 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.

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