



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

July 29, 2024

### **SENT BY EMAIL**

Susan Westra  
swestra@neogen.com  
HACCO, INC.  
HACCO INC, Neogen, 110 Hopkins Drive  
Randolph WA, 53956

Subject: Labeling Notification per Pesticide Registration Notice (PRN) 98-10 - Adding optional marketing logs (manufactured in US and rat graphic)  
Product Name: BDF CHUNKS  
Admin Number: 61282-27  
EPA Receipt Date: 10/05/2022  
Action Case Number: 00474579

Dear Susan Westra:

The U.S. Environmental Protection Agency is in receipt of your application for notification under Pesticide Registration Notice 98-10 for the above referenced product. The EPA has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The labeling submitted with this application has been stamped "Notification" and will be placed in our records.

Should you wish to add/retain a reference to your company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

If you have questions, please contact Elizabeth Danon via email at [danon.elizabeth@epa.gov](mailto:danon.elizabeth@epa.gov).

Sincerely,

Digitally signed by  
Melissa Bridges  
Date: 2024.07.29 09:27:47  
-04'00'

Melissa Bridges, Product Manager 7  
IVB3, RD  
Office of Pesticide Programs

**NOTIFICATION**

61282-27

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

07/29/2024

**BDF Chunks  
Kills Rats and Mice  
All-Weather Rodenticide**

**Kills Warfarin-Resistant Norway Rats and House Mice.**

**Norway Rats and House Mice may consume a lethal dose in a single-night's feeding, with first dead rodents appearing four or five days after feeding begins.**

**This product may only be used inside and within 100 feet of agricultural buildings or inside of transport vehicles (ships, trains, or aircraft).**

**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%

**OTHER INGREDIENTS:** ..... 99.995%

**TOTAL:** ..... 100.000%

EPA Reg. No. 61282-27

EPA Est. No. 61282-WI-01

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**Net Contents:**

128 x 1 ounce (28.3 grams)  
320 x 1 ounce (28.3 grams)  
640 x 1 ounce (28.3 grams)  
960 x 1 ounce (28.3)

**Net Weight:**

8 pounds (3.63 kilograms)  
20 pounds (9.07 kilograms)  
40 pounds (18.14 kilograms)  
60 pounds (2.22 kilograms)

**This Product May Not Be Sold in Packaging that Holds Less Than 8 Pounds of Bait.**

**Manufactured By:  
HACCO, Inc.  
110 Hopkins Drive  
Randolph, WI 53956**

**PRECAUTIONARY STATEMENTS****HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Keep away from children, domestic animals and pets.

**Personal Protective Equipment (PPE):**

All handlers (including applicators) must wear long-sleeved shirt, long pants, shoes, socks and water-proof gloves. Any person who retrieves carcasses or unused bait following application of this product must wear waterproof gloves.

**User Safety Requirements**

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash hands thoroughly after applying the bait and before eating, drinking, chewing gum, using tobacco or using the toilet and change into clean clothing.

<b>FIRST AID</b>	
<b>HAVE LABEL WHEN OBTAINING TREATMENT ADVICE</b>	
<b>If Swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center, or doctor, or <b>1-800-498-5743</b> immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> </ul>
<b>If on Skin or Clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center, or doctor, or <b>1-800-498-5743</b> immediately for treatment advice.</li> </ul>
<b>If in Eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center, or doctor, or <b>1-800-498-5743</b> immediately for treatment advice.</li> </ul>
<b>NOTE TO PHYSICIAN</b> If swallowed, this material may reduce the clotting ability of the blood and cause bleeding. If ingested, administer Vitamin K <sub>1</sub> , intramuscularly or orally. Vitamin K <sub>1</sub> is antidotal at doses of 10-20mg ( <b>not</b> mg/kg). Repeat as necessary based on monitoring of prothrombin times.	

### **TREATMENT FOR PET POISONING**

If animal eats bait, call veterinarian or **1-800-498-5743** at once.

#### **NOTE TO VETERINARIAN**

**Anticoagulant Brodifacoum:** For animals ingesting bait and/or showing poisoning signs (bleeding or elevated prothrombin times), give Vitamin K<sub>1</sub> at doses of 2-5 mg/kg. If needed, check prothrombin times every 3 days until values return to normal (up to 30 days). In severe cases, blood transfusions may be necessary.

**For 24-hour emergency information on this product, call 1-800-498-5743 (US & Canada) or 1-651-523-0318 (all other areas).**

### **ENVIRONMENTAL HAZARDS**

This product is extremely toxic to mammals, birds and other wildlife. Dogs, cats and scavenging mammals and birds might be poisoned if they feed upon animals that have eaten this bait. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not allow bait to be exposed on soil surface. Do not apply where runoff is likely to occur. Do not contaminate water when disposing of equipment wash water or rinsate.

### **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.

Use only for the sites, pests, and application methods described on this label.

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

1. Store product not in use in a location out of reach of children and pets.
2. Apply bait in locations out of reach of children, pets, domestic animals and non-target wildlife, or in tamper-resistant bait stations. These stations must be resistant to destruction by 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.

**Note:** Bait stations are mandatory for outdoor, above-ground use. Tamper-resistant bait stations must be used if children, pets, non-target mammals, or birds may access the bait.

### **USE RESTRICTIONS:**

This product may only be used to control the following rodent pests in and around man-made structures: House mouse (*Mus musculus*), Norway rat (*Rattus norvegicus*), Roof rat (*Rattus rattus*), Cotton rats (*Sigmodon hispidus*), Eastern harvest mouse (*Reithrodontomys humuli*), Golden mouse (*Ochrotomys nuttalli*), Polynesian rat (*Rattus exulans*), and Meadow vole (*Microtus pennsylvanicus*). This product must be used in and within 100 feet of man-made structures constructed in a manner so as to be vulnerable to commensal rodent invasions and/or

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to harboring or attracting rodent infestations. Examples of such structures include homes and other permanent or temporary residences, food processing facilities, industrial and commercial buildings, trash receptacles, agricultural and public buildings, transport vehicles, (ships, trains, aircraft), docks and port or terminal buildings and related structures around and associated with these sites. Fence and perimeter baiting, beyond 100 feet from a structure as defined above, is prohibited. This product must not be applied directly to food or feed crops.

Burrow baiting with BDF Blocks is prohibited.

Do not use in homes or human residences. Do not place near or inside ventilation duct openings. Do not contaminate water, food, feedstuffs, food or feed handling equipment, or milk or meat handling equipment or surface that come into direct contact with food. Do not broadcast bait. When used in USDA inspected facilities, this product must be applied in tamper-resistant bait stations.

**Do not sell this product in individual containers holding less than eight (8) pounds of bait**

**SELECTION OF TREATMENT AREAS:** Determine areas where rats or house 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 seen. Protect bait from rain or snow. Remove as much alternative food as possible.

## **APPLICATION DIRECTIONS**

**RATS:** Apply 4 to 16 BDF Chunks per placement. Space placements at intervals of 15 to 30 feet in infested areas. Maintain an uninterrupted supply of fresh bait for at least 10 days or until there no longer are signs of new feeding by rats.

**MICE:** Apply one BDF Chunks at each placement location. Space placements at 8- to 12-foot intervals. Larger placements (up to 2 ounces) may be needed at points of very high house mouse activity. Maintain an uninterrupted supply of fresh bait for at least 15 days or until there are no longer signs of new feeding by house mice.

**FOLLOW-UP:** Replace contaminated or spoiled bait immediately. Using waterproof gloves collect and dispose of all dead, exposed animals and leftover bait properly. To discourage reinfestation, limit sources of rodent 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 as needed.

## **STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store in original container in a cool, dry place inaccessible to children and pets. Keep containers closed and away from other chemicals.

**Pesticide Disposal:** Dispose of wastes resulting from the use of this product in trash or at an approved waste disposal facility.

**Container Handling:** Nonrefillable container. Do not reuse or refill this container.

**Plastic Containers:** Triple rinse (or equivalent) then offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill; or incineration.

**Paper Containers:** Dispose of empty container by placing in trash, at an approved waste disposal facility or by incineration.

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## DISCLAIMER

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**DISCLAIMER:** To the extent permitted by applicable law, seller makes no representation or warranty, either express or implied, for results due to misuse, improper handling or improper storage of this material. Nor does Seller assume any responsibility for injury to persons, crops, animals, soil or property arising out of misuse, improper handling or improper storage of this material.

OR

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## LIMITED WARRANTY

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To the extent permitted by applicable law, Neogen Corporation makes no warranty concerning uses which extend beyond the use of the product under normal conditions in accord with the statements made on this label. To the extent permitted by applicable law, Neogen Corporation shall not be liable for (1) any consequential, incidental or special damages related in any way to this product or its uses, or (2) any damages related in any way to resistance to pesticides.

OR

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## CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

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**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

To the extent permitted by applicable law Manufacturer and Seller warrant that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law this warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Manufacturer, and Buyer and User assume the risk of any such use. To the extent permitted by applicable law, MANUFACTURER AND SELLER MAKE NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

To the extent permitted by applicable law, in no event shall Manufacturer or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT PERMITTED BY APPLICABLE LAW THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF MANUFACTURER AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR

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DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF THE MANUFACTURER OR SELLER, THE REPLACEMENT OF THE PRODUCT.

Manufacturer and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitations of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Manufacturer.

For non-emergency (e.g., current product information),  
Call: **1-800-621-8829**

Code (NL.RL.) ~~NL.RL.~~RN.EE.

Havoc<sup>®</sup> is a Registered Trademark of the Syngenta Group Company.

**Additional Brand Names:** Havoc<sup>®</sup> Chunks kills rats and mice

**Optional Marketing Statements:** Can be used in wet or dry areas.

Made in the U.S.A.

<American Flag Graphic>

Manufactured in the U.S.A.

<Flag Graphic>



Company Logos:



<Rat Graphic>



<Bait Block Image>



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[Image may not be representative of a label-consistent bait placement.]