

61282-27

4/3/2009

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:

61282-27

Date of Issuance:

APR 3 2009

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Name of Pesticide Product:

BDF Chunks Kills Rats and Mice

Name and Address of Registrant (include ZIP Code):

Hacco, Inc.
110 Hopkins Drive
Randolph, WI 53956

676 S-850555
1275
Decision #
320395

Attention: Ms. Jennifer Seifert

Note: Changes in labeling 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 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. Registration is in no way to be construed as an endorsement or recommendation of this product by the 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.

Based on your response to the Rodenticide Cluster Reregistration Eligibility Decision, EPA has reregistered the product listed above. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Generic data requirements that have been identified in the RED as confirmatory data for the active ingredient contained in the subject product will continue to be tracked and assessed in the Agency's continual reassessment of pesticides.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable provided that you submit one (1) copy of your final printed labeling, with the changes below, before you release the product for shipment:

Signature of Approving Official:

Meredith F. Laws
Meredith F. Laws, Chief
Insecticide-Rodenticide Branch
Registration Division (7504P)

Date:

APR 3 2009

1. On the Front Panel, modify the sentence above the Ingredient Statement to read:
“Norway rats and house mice may consume a lethal dose in one night’s feeding with first dead rodents appearing four or five days after feeding begins.”
2. Revise your “**PRECAUTIONARY STATEMENTS**” as follows:

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Harmful if swallowed or absorbed through the skin. Keep away from children, domestic animals and pets. Do not get in eyes, on skin, or on clothing.

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

User Safety Requirements
 Follow manufacturer’s instruction 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 bait and before eating, drinking, chewing gum, using tobacco or using the toilet and change into clean clothing.

FIRST AID	
HAVE LABEL WHEN OBTAINING TREATMENT ADVICE	
If Swallowed	<ul style="list-style-type: none"> • Call a poison control center, doctor, or 1-800-498-5743 immediately for treatment advice. • Have a person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center, doctor, or 1-800-498-5743 immediately for treatment advice.

NOTE TO PHYSICIAN

If swallowed, this material may reduce the clotting ability of the blood and cause bleeding. If ingested, administer Vitamin K₁ intramuscularly or orally. Vitamin K₁ is antidotal at doses of 10-20mg (**not** 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 K₁ 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 needed.

Environmental Hazards

This product is extremely toxic to mammals and birds. Dogs, cats and other predatory and scavenging mammals and birds might be poisoned if they feed upon animals that have eaten this bait. This pesticide is toxic to fish. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff also may be hazardous to aquatic organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment wash water or rinsate.

- 3. In the "DIRECTIONS FOR USE", add the following text after "Read this entire label ... use precautions.":

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

- 4. At the end of "Important" and immediately before "Use Restrictions", add:

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

- 5. Revise the "Use Restrictions" as follows:

This product may be ... agricultural buildings. **Do not apply further than 50 feet from agricultural buildings.** Do not use in homes or other human residences. Do not use in edible product areas of feed processing plants or other areas where feed is commercially prepared or processed. Do not contaminate feed or feed handling equipment or place near or inside ventilation duct openings. Do not broadcast bait.

Do not sell this product in individual containers holding less than 8 pounds of bait.

- 6. If your "DIRECTIONS FOR USE" text continues to another panel, insure that each panel has a cross-reference to the other panel with the appropriate wording.

- 7. All final printed labels of this product, including distributor labeling, must be easily read and have the same organization structure. All labels must conform to the enclosed "Minimum Type Size Requirements for Final Print Labels", including text on a contrasting background. For example, do not use a hard-to-read, black text on a dark red background.
- 8. Use the following text to revise your "STORAGE AND DISPOSAL" text according to PR Notice 2007-4:

STORAGE AND DISPOSAL

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

Pesticide Storage: Store only 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:]** Triple rinse (or equivalent) then offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill; or incineration. In most states, burning is not allowed. **[Paper]** Dispose of empty container by placing in trash, at an approved waste disposal facility or by incineration. In most states, burning is not allowed.

Note: As stated in 40CFR156.140(a)(4), a batch code must be included on the label or package for container and containment for nonrefillables.

- 9. **Note:** Should you wish to add/retain a reference to the company's website on your label, please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E).

As stated under the Terms and Conditions of Sale and Distribution on page 35 of the Agency's revised May 28, 2008 "Risk Mitigation Decision for Ten Rodenticides":

- a. Product is prohibited for sale in stores oriented towards residential consumers: Grocery, Drug, Hardware and Home Improvement. It is acceptable for sale in stores oriented toward agricultural consumers: Farm, Agricultural, Tractor Stores.
- b. Product may not be sold in packaging that holds less than 8 pounds of bait.

The acceptable Confidential Statement of Formula (CSF) for this product is dated **February 18, 2003**. All other versions are obsolete.

Stocks of product with existing labels may be used until June 4, 2011.

This product is in full compliance with the Agency's revised May 28, 2008 "Risk Mitigation Decision for Ten Rodenticides".

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. If you have any questions, please contact Dan Peacock by phone (703-305-5407), or E-Mail (peacock.dan@epa.gov).

- Enclosures:
1. Stamped Label
 2. Minimum Type Sizes for Final Printed Label
 3. Burn Texts

Dan Peacock, D:\4G Dan\Doc\Word\Brodifacoum\Re-Reg\61282-27\Notice of Re-Reg, 61282-27, 3-27-2009.doc

Original and Alternative “Burning” Texts in “Storage and Disposal” Section			
Alternative Text 1 (Best)	Alternative Text 2 (Better)	Alternative Text 3 (Good)	Original Text (Worst)
“ ... dispose of in sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances.”	“ ... dispose of in sanitary landfill, or by incineration. In most states, burning is not allowed.”	“ ... dispose of in sanitary landfill, or by incineration.”	“ ... dispose of in sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. ”

Note: The table omits “If burned, stay out of smoke.” for all versions because it is a true, but unneeded, common sense statement.

70110

BDF Chunks
Kills Rats and Mice
For Use In and Around Agricultural Buildings Only
All-Weather Rodenticide
Second Generation Anticoagulant

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

INERT INGREDIENTS:

TOTAL

ACCEPTED
With COMMENTS
In EPA Letter Dated: APR 3 2009

Under the Federal Insecticide, Fungicide, and Rodenticide Act, As amended, for the pesticide Registered under EPA Reg. No.

61282-27

EPA Reg. No. 61282-27

EPA Est. No. 61282-WI-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

May Be Harmful or Fatal if Swallowed

Net Contents:

**A range from 8 lbs. (128 x 1 oz.)
to 100 lbs. (1600 x 1 oz.)**

Such as:

8 lbs. (128 x 1 oz.)

20 lbs. (320 x 1 oz.)

40 lbs. (640 x 1 oz.)

60 lbs. (960 x 1 oz.)

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

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: KEEP AWAY FROM HUMANS, DOMESTIC ANIMALS AND PETS. MAY BE HARMFUL OR FATAL IF SWALLOWED. WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING BAIT.

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

If swallowed

- Call a poison control center, doctor, or **1-800-498-5743** immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by the poison control center or doctor.

NOTE TO PHYSICIAN OR VETERINARIAN

This product may reduce the clotting ability of the blood and cause hemorrhaging. If poisoning occurs, intramuscular and oral administrations of vitamin K₁ are indicated as in poisoning from overdose of bishydroxycoumarin. For human cases, vitamin K₁ is antidotal at doses of 10-20 mg (**not mg/kg**). For animal cases, vitamin K₁ is antidotal at 2-5 mg/kg. Repeated doses may need to be given up to 2 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. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark.

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 and pets.
2. Apply bait in location out of reach of children, pets, domestic animals and nontarget 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.

USE RESTRICTIONS: This product may be used to control Norway rats, roof rats, and house mice in and around agricultural buildings. BDF Chunks may also be used in transport vehicles (ships, trains, aircraft) and in and around related port and terminal buildings. Do not place bait in areas where there is a possibility of contaminating food or surfaces that come in direct contact with food. Do not broadcast bait. Do not apply further than 50 feet from agricultural buildings. Do not sell this product in individual containers holding less than 8 pounds of bait.

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 4 to 16 BDF Chunks per placement. Space placements at intervals of 15-30 feet in infested areas. Maintain an uninterrupted supply of fresh bait for 10 days or until fresh signs of rat activity no longer are apparent.

House Mice:

Use one BDF Chunk per placement. Space placements at intervals of 8 to 12 feet. Two chunks 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 rodents and leftover bait properly. To discourage reinfestation, limit sources of rodent food, water, and harborage as much as possible. Where a continuous source of infestation is present, maintain permanent bait stations and replenish toxic bait as needed. Do not apply further than 50 feet from agricultural buildings. Do not sell this product in individual containers holding less than 8 pounds of bait.

STORAGE AND DISPOSAL

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

Non-Household Label

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

Pesticide Disposal: Wastes resulting from the use of this product, and spoiled and unconsumed bait, may be disposed of on site or at an approved waste disposal facility.

Pesticide Container Disposal: Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. If recycling is not available then dispose of empty container in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

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.

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. 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. 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.

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. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF MANUFACTURER AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR 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 (NT.NG.) NG.NO.