

61282-43

7/3/2012

1 of 10



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON D C 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Decision 466673

300 5-919548  
1155

Hacco Inc  
110 Hopkins Drive  
Randolph WI 53956

JUL 3 2012

Attention Ms Jennifer J Klika

**Subject** Diphacin® 110 Concentrate Rodenticide  
EPA Reg No 61282-43  
Revisions to Use Restrictions (Including 100 Feet of Structures)  
Your Amended Application of April 23 2012

**Purpose** This submission revises the ingredient statement and the Use Restrictions to the labeling of this product under sec 3 of the Federal Insecticide Fungicide and Rodenticide Act (FIFRA) and recent Agency guidance

**Labeling** The labeling submitted with the above letter under the Federal Insecticide Fungicide and Rodenticide Act (FIFRA) is acceptable

Per 40 CFR 156 10(a)(6) submit one copy of your final printed labeling before you release the product for shipment

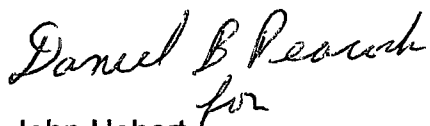
As defined in 40 CFR 152 3 "final printed labeling" means the label or labeling of the product when distributed or sold. Clearly legible reproductions or photo reductions will be accepted for unusual labels. Note that a clean copy of the master label in most cases does not meet the definition of final printed labeling

**Existing stocks** You may distribute or sell existing stocks of this product with current labeling for eighteen (18) months from the date of this letter

**Consequence for non-compliance** 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

**Questions** If you have questions about this letter please contact Mr. Dan Peacock at 703-305-5407 (phone) 703-305 6596 (fax) or [peacock.dan@epa.gov](mailto:peacock.dan@epa.gov) (E-Mail)

Sincerely



John Hebert  
Product Manager (07)  
Insecticide-Rodenticide  
Branch  
Registration Division (7505P)

**Enclosure**

- 1 Stamped Label
- 2 Minimum Type Sizes for Final Printed Labels

30810

Diphacin® 110  
Page 1 of 8  
July 3<sup>d</sup> 2012

061282 00043 20120703

**Diphacin® 110**  
**CONCENTRATE RODENTICIDE**  
Kills Rats and Mice  
Anticoagulant for Rodent Control  
FOR COMMERCIAL USE ONLY

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

**ACTIVE INGREDIENT**

Diphacinone  
(2 Diphenylacetyl 1 3 Indandione)

0 1%

**OTHER INGREDIENTS**

99 9%

**TOTAL**

100 000%

EPA Reg No 61282 43

EPA Est No 61282 WI 01

**KEEP OUT OF REACH OF CHILDREN**  
**WARNING**

**Net Contents**

- 1 pound
- 5 pounds
- 10 pounds
- 50 pounds

**ACCEPTED JUL 3 2012**

**Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended, for the  
pesticide registered under**

EPA Reg No 61282-43

Manufactured By  
HACCO Inc  
110 Hopkins Drive  
Randolph WI 53956

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**WARNING** May be fatal if absorbed through the skin or inhaled Harmful if swallowed Causes moderate eye irritation Avoid contact with eyes skin or clothing Keep away from children domestic animals and pets

**Personal Protective Equipment (PPE)**

Mixers and loader must wear coveralls worn over short sleeved shirt and short pants chemical resistant footwear socks a dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC 21C) protective eyewear and waterproof gloves

Applicators must wear long sleeved shirt long pants shoes 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 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 Repeat as necessary based on monitoring of prothrombin times	

<p><b>TREATMENT FOR PET POISONING</b>          If animal eats bait call veterinarian or <b>1 800 498 5743</b> at once  <b>NOTE TO VETERINARIAN</b>  <b>Anticoagulant Diphacinone</b> For animals ingesting bait and/or showing poisoning signs          (bleeding or elevated prothrombin times) give Vitamin K<sub>1</sub></p>
<p><b>For 24 hour emergency information on this product, call 1 800 498 5743 (US &amp; Canada)          or 1 651 523 0318 (all other areas)</b></p>

**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 Norway rats, roof rats, and house mice *in and within* 100 feet of man made structures constructed in a manner so as to be vulnerable to commensal rodent invasions and/or 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 of 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. 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 surfaces that come into direct contact with food. When used in USDA inspected facilities, this product must be applied in tamper resistant bait stations. Do not broadcast bait.

**Inside Burrows**

This product may also be applied to active rodent burrows to control Norway rats and roof rats *within or beyond* 100 feet of buildings and man-made structures, provided that infestations of these rodents have been confirmed. Because Norway/roof rat infestations may occur in areas farther than 100 feet from buildings and man-made structures when the rodents have ample supplies of food and cover, efforts should be made to remove food trash, garbage, clutter, and debris. Bait must be placed not less than 6 inches into active Norway/roof rat burrows. Do not broadcast bait.

Do not sell this product in individual containers holding less than one (1) pound 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.

**MIXING DIRECTIONS**

Wear the Personal Protective Equipment, PPE, (clothing, respirator, eye protection, and waterproof gloves) specified under “**WARNING**” above when mixing and loading bait. Thoroughly mix one part of concentrate with 19 parts (by weight) of suitable bait material (e.g. cereal grains, oils, and sweeteners). For example, the following formula in pellet form has been tested and found acceptable.

<b>Example of Tested Formula Made from Concentrate</b>	
<b>Ingredients</b>	<b>Parts</b>
Diphacin® 110	1
Powdered Sugar	0.5
Steamed Rolled Oats	5.4
Whole ground Wheat	7.2
Corn Meal	5
Dried Whey	7.5
Salt	0.1
<b>Preparation</b>	
Mix well the above ingredients and form into pellets (3/8” diameter and 5/8” long)	

Bait materials resembling human foods must be altered in form by crushing or pelletizing so that they are not readily recognizable as foods.

**APPLICATION DIRECTIONS**

**NORWAY AND ROOF RATS** Place 4 to 16 ounces of bait per placement. Space placements at intervals of 15 to 30 feet at appropriate locations 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.

**HOUSE MICE** Apply ¼ to ½ ounces (1.2 level tablespoons) of bait 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. Clean up spilled or scatted bait immediately. Wearing 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 only in original container in a cool, dry place inaccessible to children and pets Keep containers closed and away from other chemicals Sweep up spillage carefully and dispose of as indicated below

**Pesticide Disposal** Wastes resulting from the use of this product may be placed in trash or delivered to an approved waste disposal facility

**Container Handling** Nonrefillable container Do not reuse or refill this container Offer for recycling if available, or dispose of empty container in a sanitary landfill, or by incineration

---

**DISCLAIMER**

---

**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**

---

**LIMITED WARRANTY**

---

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 insecticides



OR

---

**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.

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**

Diphacin® 110  
Page 8 of 8  
July 3<sup>d</sup> 2012

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 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 (NA RE ) NA RE

Diphacin® is a Registered Trademark of HACCO Inc

**Optional Marketing Statements** Made in the U S A

<American Flag Graphic>