

U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505C) 401 "M" St., S.W. Washington, D.C. 20460

63823-52

Term of Issuance:

EPA Reg. Number:

AUG 2 3 2004

Date of Issuance:

NOTICE OF PESTICIDE:

x Registration \_\_ Reregistration

(under FIFRA, as amended)

Name of Pesticide Product:

**Bromadiolone Bait Bar** 

Name and Address of Registrant (include ZIP Code):

Management Contract Services, Inc. c/o Landis International P.O. Box 5126 Valdosta, GA 31603-5126

Attention: Mr. Dr. Wm. Ronald Landis

765997 R3

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

This product is registered in accordance with sec. 3(c)(7) of the Federal Insecticide, Fungicide and Rodenticide Act provided that you submit a copy of final printed labeling to us, with the following labeling changes, before you release product for shipment:

1. After "EPA Reg. No. 63823-", replace "LE" with "52".

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.

Enclosures.

Signature of Approving Official:

1. Stamped Label

2. Minimum Type Sizes for Final Printed Label.

Daniel B. Peacock, Biologist

Insecticide-Rodenticide Branch Registration Division (7504C)

AUG 2 3 2004

PA Form 8570-6

Dan Peacock, Disk 151, A:\Bromadiolone\63823-52, Notice of Registration, 8-19-2004.wpd

### **BROMADIOLONE BAIT BAR**

For indoor and outdoor urban rodent control.

Kills Norway rats, roof rats, house mice and warfarin resistant Norway rats

Norway rats and house mice may consume a lethal dose in one feeding with first dead rodents appearing four or five days after feeding begins ACCEPTED with COMMENTS.

This product has been treated with methoprene to protect the bait

from infestation by insects.

Active Ingredient:

Bromadiolone,

3-[3-(4'-bromo[1,1'-biphenyi]-4-yl)-3-hydroxy-1-phenylpropyl]-4-hydroxy-2H-1-benzopyrang 21 on the personal insecticide.

Other Ingredients\*

Total:

AUG 2 3 2004

Under the Federal Insecticide.
Fungicide, and Rodenticide of the personal confort t

## KEEP OUT OF REACH OF CHILDREN CAUTION

|                              | FIRST AID  |
|------------------------------|--|
| IF<br>SWALLOWED              | <ul> <li>Call a poison control center or doctor 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 a poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul> |
| IF ON<br>SKIN OR<br>CLOTHING | <ul> <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 for further treatment advice.</li> </ul>  |
| IF IN<br>EYES                | <ul> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>   |
|                              | HOT LINE NUMBER  |
|                              | container or label with you when calling a poison control center or doctor or going for treatment. You ontact CHEMTREC (800) 424-9300 (24 hours) for emergency medical treatment information   |
|                              | See side panels for additional precautionary statements  |

EPA Reg No. 63823-LE

EPA Establishment No.

Net Contents: 1 lb (454 g)

<sup>\*</sup>Contains denatonium benzoate

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wear gloves if product is handled. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

NOTE TO PHYSICIAN OR VETERINARIAN: Contains bromadiolone, an anticoagulant. For humans or dogs that have ingested this product, or have obvious poisoning symptoms (bleeding) or lowered prothrombin times, give Vitamin  $K_1$  by intramuscular or oral administration. Check prothrombin time every 3 days or until values return to normal.

#### **ENVIRONMENTAL HAZARDS**

This product is toxic to mammals and birds. Predatory and scavenging mammals and birds might be poisoned if they feed upon animals that have eaten the bait. Do not apply this product directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do no contaminate water by cleaning of equipment or disposal of wastes.

#### User Safety Recommendations

#### Users Should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if bait gets inside. Then wash thoroughly and put on clean clothing.

#### **DIRECTIONS FOR USE**

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

READ ENTIRE LABEL, USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

IMPORTANT: Do not expose children, pets or other nontarget animals to rodenticides. To help 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 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 hoofed livestock, raccoons, bears or other potentially destructive animals, or in areas prone to vandalism.
- 3. Dispose of product container, unused, spoiled and unconsumed bait as specified on this label.

Do not apply this product in a way that will contact workers or other persons. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

BROMADIOLONE BAIT BAR -3-

USE RESTRICTIONS: For control of Norway Rats, Roof Rats and House Mice.

URBAN AREAS: This product may be used in and around the periphery of homes, industrial, commercial and public buildings. This product may also be used in and around transport vehicles (ships, trains, aircraft) and related port or terminal buildings. This product may be used in alleys.

NON-URBAN AREAS: This product may be used inside of homes and agricultural 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.

#### SELECTION OF TREATMENT AREAS

Determine areas where rats and/or mice will most likely find and consume the bait. Generally, these are along walls, by gnawed openings, in or beside burrows, in corners and concealed places, between floor and walls, or in locations where rodents or their signs have been seen. Protect bait from rain and snow. Remove as much alternative food as possible.

#### **APPLICATION PROCEDURES - BAIT BAR**

Each Bromadiolone Bait Bar weighs one pound and is scored to be broken into 2-oz pieces.

RATS: Apply two to eight 2-oz pieces of block (or one entire block) at each placement location. For burrow applications, insert one to two 2-oz pieces of block deep into each active burrow. Check treated burrows each morning and evening to make sure that baits have not been pushed out of burrows. Space bait placements 15 to 30 feet apart in infested areas. Maintain an uninterrupted supply of fresh bait for 10 days or until fresh signs of rat activity cease to appear.

MICE: Break block and apply one 2-oz piece per placement. Space placements at intervals of 8-12 feet. Maintain an uninterrupted supply of fresh bait for 15 days or until fresh signs of mouse activity cease to appear.

FOLLOW-UP: Replace contaminated or spoiled bait immediately. Collect and dispose of all dead animals and leftover bait properly. To prevent reinfestation, eliminate 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 bait as needed.

#### **APPLICATION DIRECTIONS - BAIT BAR CHUNKS**

Each Bromadiolone Bait Bar Chunk weighs 2-oz.

RATS: Apply two to eight 2-oz chunks at each placement location. For burrow applications, insert one to two 2-oz chunks deep into each active burrow. Check treated burrows each morning and evening to make sure that baits have not been pushed out of burrows. Space placements 15 to 30 feet apart in infested areas. Maintain an uninterrupted supply of fresh bait for 10 days or until fresh signs of rat activity cease to appear.

MICE: Apply one 2-oz chunk per placement. Space placements at 8- to 12- foot intervals. Maintain an uninterrupted supply of fresh bait for 15 days or until fresh signs of mouse activity cease.

FOLLOW-UP: Replace contaminated or spoiled bait immediately. Collect and dispose of all dead animals and leftover bait properly. 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.

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#### STORAGE AND DISPOSAL

Storage: Store only in original container, in a dry place inaccessible to children and pets.

Disposal: If empty: Do not reuse empty container. Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused

product down any indoor or outdoor drain.

#### CONDITIONS OF SALE

MANAGEMENT CONTRACT SERVICES, INC., warrants that this product in its unopened package conforms to the chemical description on the label and is reasonably fit for the purposes set forth on the label when used according to directions under normal use conditions to the crops specified. There are no other warranties, expressed or implied, concerning the use of this product other than indicated on the label. This warranty does not extend to the handling or use of this product contrary to label instructions or under abnormal conditions or conditions not reasonably foreseeable to seller, and buyer assumes all risk of any such use.

Manufactured By: Management Contract Services, Inc. P. O. Box 5209 Valdosta, GA 31603-5209

August 17, 2004