

7173-242

11-06-2008

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460



OFFICE
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

November 6, 2008

Liphatech. Inc.
3600 W. Elm Street
Milwaukee, WI 53209

Attention: Ms. Rachel M. Callies

Subject **Chlorophacinone Vole Bait**
 EPA Reg. No. 7173-242
 Our approval of October 3, 2008
 Your letter of October 3, 2008

Purpose This submission proposes to revise approved labeling, with comments, on October 3, 2008, under sec 3 of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

Label The labeling submitted with the above letter, under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) is acceptable, provided you submit one (1) copy of final printed labeling to us, with the following change, before you ship your product.

1. Revise the beginning of your "Container Disposal" as "Container Handling: Nonrefillable Container." We checked with the container rule staff on this point.
2. Move the two sentences under "**READ THIS LABEL**" to the beginning of the "Directions for Use" as it applies to both sections of the directions, as follows:

DIRECTIONS FOR USE

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

READ THIS LABEL and follow all use directions and precautions. Only use for sites, pests, and application methods specified on this label.

VOLE CONTROL: ...

Label-continued

- 3. Use the following aerial prohibition statement on your label: "Do not apply aerially ." in "USE RESTRICTIONS" after "Apply only by **Hand Spot Baiting and Ground Broadcasting.**" We have allowed you to delete "in any state".
- 4. Since the "COMMENSAL RODENT CONTROL" text is divided into "IN AND AROUND BUILDINGS" and "IN OUTDOOR NONCROP AREAS", you need to delete "This product ... garbage dumps and landfills." Under "IN AND AROUND BUILDINGS".
- 5. Under "Follow-up:", add a comma at the start of the 2nd Sentence:

Wearing gloves, collect ...

- 6. Under "Commensal Rodent Control", begin with: "USE RESTRICTIONS (IN AND WITHIN 50 FEET OF BUILDINGS)".

Note: We are requiring registrants of similar product to make this same change.

Existing stocks

Stocks of product with existing labels may be used for eighteen (18) months.

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 me at 703-305-5407 (phone); 703-305-6596 (fax); or peacock.dan@epa.gov (E-Mail).

Sincerely,



Daniel B. Peacock, Biologist
Insecticide-Rodenticide Branch
Registration Division (7504C)

Enclosures

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

File Location

Dan Peacock, Flash Drive, J:\4G
Dan\Documents\Word\Chlorophacinone\7173-242\7173-242, 1-11-2008
Amd\Approval\7173-242, exp use patterns, app ltr, 11-6-2008.doc

Center Panel:

RESTRICTED USE PESTICIDE
DUE TO HAZARD TO NONTARGET ORGANISMS
 For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's Certificate.

ROZOL VOLE BAIT

**FOR CONTROL OF VOLES (*Microtus* spp.) IN ORCHARDS, NONCROP AREAS,
 NURSERIES, TREE & FORESTRY PLANTATIONS AND FOR CONTROL OF
 NORWAY RATS, ROOF RATS & HOUSE MICE IN OUTDOOR NONCROP AREAS**

Active Ingredient: chlorphacinone	0.005%
Inert Ingredients	99.995%
Total	100.000%

KEEP OUT OF REACH OF CHILDREN
CAUTION: See side panel for additional precautions.

ACCEPTED
With COMMENTS
 In EPA Letter Dated: 8.11.08

NOV 6 2008
 Under the Federal Insecticide, Fungicide
 and Rodenticide Act, As amended, for the
 pesticide Registered under EPA Reg. No:

(Liphatech logo)
 Liphatech, Inc.
 3600 W. Elm Street
 Milwaukee, WI 53209
 (414) 351-1476

7173-242

Net Weight: 1 pound up to 50 pounds

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Left Panel:

PRECAUTIONARY STATEMENTS
Hazard to Humans and Domestic Animals

CAUTION: Keep away from children, domestic animals and pets. May be harmful if swallowed or absorbed through the skin because it may reduce the clotting ability of blood and cause bleeding. Causes moderate eye irritation. Do not get in eyes, on skin or on clothing. Wear gloves when handling bait or retrieving dead animals. Wash arms, hands and face with soap and water after applying and before eating and smoking.

FIRST AID

Have this label with you when obtaining treatment advice.

If swallowed: Call a poison control center or doctor immediately for treatment advice.

If in eyes: 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. Call a poison control center or doctor for treatment advice.

If on skin or clothing: Take off contaminated clothing. Rinse skin with plenty of cool water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

Note to Physician or Veterinarian: Contains chlorophacinone, an anticoagulant. For humans or dogs that have ingested this product, or have obvious poisoning symptoms (bleeding) or prolonged prothrombin times, give Vitamin K1 by intramuscular or oral administration. Check prothrombin time every 3 days until values return to normal.

ENVIRONMENTAL HAZARDS: This product is toxic to fish and wildlife. Dogs and other predatory and scavenging mammals and birds might be poisoned if they feed upon animals that have eaten the bait. Do not apply within 50 feet of any body of water (such as pond, lake, river or stream) or where raptors are actively feeding on voles. 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 contaminate water by cleaning of equipment or disposal of wastes.

ENDANGERED SPECIES CONSIDERATIONS:

NOTICE: It is a Federal offense to use any pesticide in a manner that results in the death of an endangered species. Use of this product may pose a hazard to endangered or threatened species. Before applying this product, applicators must obtain information regarding the occurrence of endangered species and use limitations for this product. You may call EPA's "Endangered Species Hotline" at 1-800-447-3813 to obtain an "Interim Measures" pamphlet for your county. You may also consult your local agricultural extension office or state pesticide lead agency to determine if there are any requirements for use of this product.

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STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Storage: Store in original container in a cool, dry place inaccessible to children and pets. Store separately from fertilizer and away from products with strong odors. Collect and properly dispose of any spillage.

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: This is a nonrefillable container. Do not reuse or refill this container. Completely empty container into application equipment. Offer for recycling if available or 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.

WARRANTY: To the extent consistent with applicable law, seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

EPA Reg. No. 7173-242

EPA Est. No. 7173-WI-1

Right Panel:

DIRECTIONS FOR USE:

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

VOLE CONTROL: LAWNS, GOLF COURSES, PARKS, OTHER ORNAMENTAL TURF AREAS, ORNAMENTAL FLOWER AND SHRUB GARDENS: Hand Spot Bait only: Do not apply by aerial or ground broadcast. For control of pine, meadow or mountain voles in lawns, golf courses, parks, other ornamental turf areas, ornamental flower and shrub gardens. Place 1-1/2 ounces of bait in active holes, trails, or runways, or in tamper-resistant bait stations in areas where voles have been observed or are known to forage. Cover placements with grass, shingles, or tarps (turf areas for winter protections) to avoid exposing nontarget organisms.

VOLE CONTROL: FRUIT TREE ORCHARDS (BEARING AND NONBEARING) FOR PINE, MEADOW OR MOUNTAIN VOLE CONTROL:

USE RESTRICTIONS: For control of pine, meadow or mountain voles in pome fruit (apple, pear) and stone fruit (peach, cherry, apricot, plum, prune, and nectarine) tree orchards. Apply after fall harvest (including drops), before new spring growth, and during which three days of rain-free and snow-free weather are expected. Do not apply within 50 feet of any body of surface water or where raptors are actively feeding on voles. Do not apply over bare ground or crops not specified above. Do not allow animals to graze or clean up drops in treated areas. Do not use hay cut after application for feed or bedding. Apply only by **hand spot baiting** and **ground broadcasting**. [In New York and Vermont, only apply by "**Hand Spot Baiting**."] **APPLICATION DIRECTIONS:** Before application, examine orchard floor to locate trails and runway systems to be treated. **Hand spot baiting:** Place 1-1/2 ounces of bait in each active hole, trail or runway at each tree site (10 lbs per acre). Cover each placement with grass or shingle to avoid exposing nontarget organisms.

Ground broadcast baiting: Using a commercial spreader, uniformly apply 20 lbs per acre for Pine voles (**all states except Idaho, Oregon, Washington**) and 10 lbs per acre for Meadow voles (**all states except Oregon**) and Mountain voles (**Idaho, Oregon, Washington only**). If populations are high, make a second application 1 - 2 months after the first. The maximum application rate is 40 lbs per acre per year for Pine voles, and 20 lbs per acre per year for Meadow and Mountain voles. To avoid exposing nontarget organisms, clean up any bait in piles for reuse or disposal according to the "Pesticide disposal" section of this label.

VOLE CONTROL: NURSERIES, TREE AND FORESTRY PLANTATIONS, CHRISTMAS TREE FARMS, AND BORDER AREAS/BUFFER STRIPS ADJACENT TO CROPS FOR PINE, MEADOW, AND MOUNTAIN VOLE CONTROL:

USE RESTRICTIONS: For control of pine, meadow and mountain voles in commercial nurseries, tree and forestry plantations, Christmas tree farms, and border areas and buffer strips adjacent to crops. This product must not be applied directly to food or feed crops. Do not apply within 50 feet of any body of surface water or where raptors are actively feeding on voles. Do not allow animals to graze in treated areas. Do not use hay cut after application for feed or bedding.

APPLICATION DIRECTIONS:

Follow all application directions as listed for fruit tree orchards above.

COMMENSAL RODENT CONTROL:

READ THIS LABEL and follow all use directions and precautions. Only use for sites, pests, and application methods specified on this label.

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 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, 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.

USE RESTRICTIONS (IN AND AROUND BUILDINGS): This product may be used to control Norway rats, roof rats and house mice. Do not place near or inside ventilation duct openings. Do not contaminate food, feedstuffs, food or feed handling equipment, or milk or meat handling equipment. May be used in and around homes, industrial, commercial, agricultural and public buildings. It may also be used in transport vehicles (ships, trains, aircraft) and in and around related port or terminal buildings. This product is especially well suited for use on railroad tracks, loading areas, under granaries, along fence lines and buffer strips, garbage dumps and landfills.

Do not apply bait directly to ground surface or in grass or other ground cover. Place in areas inaccessible to children, pets, and nontarget wildlife, deeply into rat burrows or in tamper-resistant bait stations to prevent non-target organisms from accessing the bait. Do not broadcast bait.

Selection of Treatment Areas: Determine areas where rats or mice are likely to find and consume bait, such as along walls, by gnawed openings, in or beside burrows, in corners and concealed places, between floors or walls, or locations where rodents or their signs are seen. Remove as much alternative food as possible.

USE RESTRICTIONS (IN OUTDOOR, NONCROP AREAS:)

This weather-resistant product may be used to control Norway rats, roof rats and house mice in outdoor noncrop areas, such as river banks, gullies, irrigation ditches, railroad rights-of way, garbage dumps, landfills and recycling facilities. This product must not be applied directly to food or feed crops, but may be applied on border areas and buffer strips adjacent to crops. **All placements must be in tamper-resistant bait stations or placed deeply into rat burrows.** Do not broadcast bait. Do not apply product if heavy rain or flooding would result in contaminating aquatic environments.

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APPLICATION DIRECTIONS:

Mice: Apply 1/4 to 1/2 ounce of bait (1-2 level tablespoons) per placement, usually spaced 8 to 12 feet apart. Larger amounts (up to 2 ounces) may be needed at points of very high mouse activity. Maintain a constant supply of fresh bait for 15 days or until signs of mouse activity cease.

Rats: Apply 4 to 16 ounces of bait per placement, usually spaced 15 to 30 feet apart. Maintain a constant supply of fresh bait for 10 days or until fresh signs of rat activity cease.

Follow-up: Replace contaminated or spoiled bait immediately. Wearing gloves collect and dispose of all dead animals and leftover bait, as well as any bait that has become accessible to non-target animals. To discourage reinfestation, limit sources of rodent food, water and harborage as much as possible. If reinfestation does occur, repeat treatment. For a continuous infestation, set up permanent bait stations to intercept rodents that may migrate from surrounding areas and replenish bait as needed.

Alternate warranty statements:

Satisfaction guaranteed or your money back.