

## PRECAUTIONARY STATEMENTS

### Hazard to Humans and Domestic Animals

## CAUTION:

Harmful if swallowed, absorbed through the skin, or if inhaled. Avoid contact with eyes, skin or clothing. Avoid breathing dust. Keep away from children, domestic animals and pets. All handlers (including 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 washables. If no such instructions for washables, use detergent and hot water. Remove clothing 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 this label with you when obtaining treatment advice.

**If swallowed:** Call a poison control center or doctor 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.

**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.

**Treatment for Pet Poisoning:** If animal eats bait, call veterinarian at once.

**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 K<sub>1</sub> by intramuscular or oral administration. Check prothrombin time every 3 days until values return to normal.

**ENVIRONMENTAL HAZARDS:** This product is extremely toxic to fish and wildlife. Dogs and predatory and scavenging mammals and birds might be poisoned if they feed upon animals that have eaten the bait. Do not apply 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 844-447-3813 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.

## 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.

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

**Container Handling:** This is a nonrefillable container. Do not reuse or refill this container. Completely empty container, then dispose of empty container in trash or at an approved waste disposal facility.

**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

## 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.

# BorderLine®

## FOR THE CONTROL OF VOLES

in Border Areas / Buffer Strips Adjacent to Crops, Non-crop Areas, Nurseries, Tree and Forestry Plantations, and Christmas Tree Farms, and

## FOR CONTROL OF NORWAY RATS, ROOF RATS & HOUSE MICE

in outdoor noncrop areas

Active Ingredient: chlorophacinone.....	0.005%
Inert Ingredients .....	99.995%
Total .....	100.000%

## KEEP OUT OF REACH OF CHILDREN CAUTION:

See side panel for additional precautionary statements.

# LIPHATECH®

Liphatech, Inc.  
3600 W. Elm Street  
Milwaukee, WI 53209  
(800) 351-1476

## 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 IN NURSERIES, TREE AND FORESTRY PLANTATIONS, CHRISTMAS TREE FARMS, AND BORDER AREAS/BUFFER STRIPS ADJACENT TO CROPS:**

**USE RESTRICTIONS:** For control of only voles in commercial nurseries, tree and forestry plantations, Christmas tree farms, and border areas and buffer strips adjacent to crops (within 100 feet of the edge of the cropland). This product must not be applied directly to food or feed crops except as specified above. 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. To avoid exposing nontarget organisms, follow the instructions in the "Pesticide disposal" section to insure proper clean-up of any bait for reuse or disposal.

Apply only by **hand spot baiting** and **ground broadcasting**. Do not apply aerially. In Colorado, New York and Vermont, only apply by "**Hand Spot Baiting**." In Florida, only use this product where Pine voles are known to occur and only apply by "**Hand Spot Baiting**."

**APPLICATION DIRECTIONS:** Before application, locate vole trails, runway systems and harborage areas to be treated.

**Hand spot baiting:** Place 1-1/2 ounces (6 tablespoons) of bait in each active hole, trail or runway, (do not exceed 10 lbs per acre). Cover each placement with grass or shingle to avoid exposing nontarget organisms, or place bait in a tamper resistant bait station.

**Ground broadcast baiting:** Using a commercial spreader, uniformly apply 10 lbs per acre. If populations are high, make a second application 1 - 2 months after the first.

In states east of the Mississippi River, infestations of pine vole (*Microtus pinetorum*) may require higher application rates of 20 lbs per acre. The maximum application rate is 40 lbs per acre per year for Pine voles, and 20 lbs per acre per year for other voles.

**VOLE CONTROL IN 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 only voles (*Microtus* spp.) in lawns, golf courses, parks, other ornamental turf areas, ornamental flower and shrub gardens. Place 1/2 to 1 ounce (2 to 4 tablespoons) of bait in each active hole, trail or runway in areas where voles have been observed or are known to forage. If nontarget animals/birds are present, place bait in tamper-resistant bait stations. Also apply under tarps used to provide winter protection for turf areas. Apply only one bait spot per trail or runway. If additional vole control is needed, a second application may be made 1 to 2 months after the first application. The maximum application rate is 10 lbs per acre per application, and 20 pounds per acre per year. Do not apply to golf courses or turf grass areas in the state of California.

## 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 hoofed 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.

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

**USE RESTRICTIONS INSIDE OF AND WITHIN 100 FEET OF BUILDINGS:** This product can 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 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. Do not sell this product in individual containers holding less than 4 pounds of bait. 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. Do not apply directly to food or feed crops. Do not broadcast bait.

**USE RESTRICTIONS IN OUTDOOR, NONCROP AREAS, INCLUDING AREAS MORE THAN 100 FEET FROM BUILDINGS:** This weather-resistant product may only be used to control Norway rats, roof rats and house mice in outdoor noncrop areas, such as fence lines, gullies, 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.

**SELECTION OF TREATMENT AREAS:** Determine areas where rats or house 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.

## APPLICATION DIRECTIONS:

**House Mice:** Apply ¼ to ½ 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 house mouse activity. Maintain a constant supply of fresh bait for 15 days or until signs of house mouse activity cease.

**Rats:** Apply 4 to 16 ounces 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. This product may 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. Bait must be placed no less than 6 inches into active Norway/roof rat burrows. 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. Do not broadcast bait.

**Follow-up:** Replace contaminated or spoiled bait immediately. Wearing waterproof gloves, collect and dispose of all visible 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 and replenish bait as needed.

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