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US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (75-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.

7173-212

DATE OF ISSUANCE

JAN 09 1997

TERM OF ISSUANCE

CONDITIONAL

NAME OF PESTICIDE PRODUCT

Maki Rat and Mouse Bait Packs
(Pellets) with Bitrex

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

PM-14

Reg # 7173-212

104

17m 5-501129

LiphaTech
3600 West Elm St.
Milwaukee, WI 53209

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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.

We have reviewed the data on odor (MRID No. 438931-01) and color (MRID No. 438931-02) and found them acceptable.

You reported the following results for the acute toxicity data submitted for this product:

- 1. Acute Oral (81-1), MRID No. 438931-06, Category IV
- 2. Acute Dermal (81-2), 438931-07, Category III
- 3. Acute Inhalation (81-3) no data submitted
- 4. Eye Irritation (81-4) 438931-04 Category III
- 5. Skin Irritation (81-5) 438931-03 Category IV
- 6. Dermal Sensitization (81-6) 439052-05 Not a sensitizer

Because this product is substantially similar to the registered product cited on your application form, EPA Reg. No. 7173-187, and because the reported results would not change the precautionary labeling, we will not review these data at the present time.

We accept your certification that bait batch no. 21692 corresponded in formulation to the product described by the Confidential Statement of Formula (CSF) dated August 10, 1994,

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

William J. ...

DATE

JAN 09 1997

which is on file for this product. If this certification is discovered to be in error, appropriate remedial steps may be taken.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

A. make the following changes and submit one (1) copy to us before you ship your product:

- 1. Insert a comma between "MICE" and "AND" in the "KILLS NORWAY RATS, . . . RATS" claim on the center panel of the proposed label.
- 2. Delete "AND HOUSE MICE" from and change "RODENTS" to "RATS" in the single-feeding claim on the center panel. As the 3-day mouse efficacy study submitted for the bait formulation use in this product was rejected and your firm apparently has not made a commitment to replace that study, no single-feeding claims may be made for any bait that contains the formulation used in your products 7173-ERE, 7173-ERG, or 7173-EER.
- 3. The entire paragraphs entitled "URBAN AREAS" and "NON URBAN AREAS" must be indented at least two spaces so that it is clear to the reader that the headings of these paragraphs are subordinant to "USE RESTRICTIONS" and that the final paragraph of this section ("Do not place . . . bait") applies to all permissible uses of the product.

The second sentence under "URBAN AREAS" must be changed to read

"This product may also be used in transport vehicles (ships, trains, aircraft) and in and around related port or terminal buildings."

Uses "around" vehicles may not be authorized as these could involve applications to bodies of water, railways, and roads.

- 4. In the "APPLICATION DIRECTIONS" portion of the "DIRECTIONS FOR USE", use full-paragraph indentation or lower case letters to subordinate the subsections "Mice:", "Rats:" and "Rats/Mice:". Change the second sentence in the directions specifically for "Rats:" to read

"Space placements at intervals of 15 to 30 feet in infested areas."

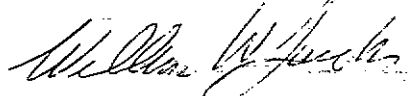
B. within 90 days of receipt of this Notice, submit an updated Data Matrix for this product, listing all of the data requirements (name and guideline number) for the source product and this end-use product and how each requirement was satisfied. The previously submitted form was incomplete and obsolete.

C. within 15 months of receipt of this Notice, submit the following data to support this product:

- 1. Storage Stability (63-17)
- 2. Corrosion Characteristics (63-20)

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 bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the labeling is enclosed for your records.



William W. Jacobs, PhD
Product Manager (14)
Insecticide-Rodenticide Branch
Registration Division (H7504C)

- Enclosures:
- 1. Stamped Label
 - 2. A-79 Enclosure

Peacock WP#10:A:\MAKI\7173-212.NOT:305-5407,-6600:1/8/97

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**PRECAUTIONARY STATEMENTS:
HAZARD TO HUMANS AND
DOMESTIC ANIMALS**

CAUTION

Keep away from humans, domestic animals and pets. May be harmful or fatal if swallowed or absorbed through the skin because this material may reduce the clotting ability of blood and cause bleeding.

Do not get in eyes, on skin or on clothing. Wash arms, hands and face with soap and water after applying and before eating and smoking. If swallowed, call a physician at once.

NOTE TO PHYSICIAN: If ingested, administer Vitamin K₁ intramuscularly or orally as indicated in bishydroxycoumarin overdoses. Repeat as necessary based on monitoring of prothrombin times.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Keep out of lakes, streams or ponds.

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.

PESTICIDE DISPOSAL: Securely wrap excess, unused or spoiled bait in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse empty bag. Discard bag in trash.

KEEP AWAY FROM FOODSTUFFS

WARRANTY: 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.

**Maki
RAT AND MOUSE BAIT
PACKS (PELLETS) with
Bitrex**

**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
TREATMENT BEGINS**

ACTIVE INGREDIENT:

*3-[3-(4'-bromof[1,1'-biphenyl]-4-yl)-3-hydroxy-1-phenylpropyl]-4-hydroxy-2H-1-	
-benzopyran-2-one.....	0.005%
Inert	
Ingredients.....	99.995%
	Total 100.000%

*Bromadiolone-Supercald Patented in the U.S.A.

**KEEP OUT OF REACH OF
CHILDREN**

CAUTION

**MAY BE HARMFUL OR FATAL IF
SWALLOWED**

**SEE SIDE PANEL FOR
ADDITIONAL
PRECAUTIONARY STATEMENTS**

MANUFACTURED BY:

LiphaTech, Inc.

3101 West Custer Ave.
Milwaukee, WI 53209

JAN 09 1987

NET WEIGHT: 11 lb. (200x0.88 oz.)

ACCEPTED
with COMMENTS
EPA Label Book

7173-212

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

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

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

NON URBAN AREAS: 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.

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 floors and walls, or in locations where rodents or their signs have been observed. Remove as much food as possible.

APPLICATION DIRECTIONS:

RATS: Place at least 5 to 17 packs of bait (usually 15 to 30 feet) per placement. Maintain an uninterrupted supply of fresh bait for 10 days or until signs of rat activity cease.

HOUSE MICE: Place two packs at intervals of 8 to 12 feet per placement. Four packs may be placed 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 unconsumed bait and exposed dead animals according to "Disposal" paragraph. 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.

EPA REG. NO. 7173-212
EPA EST. NO. 7173-WI-1