

12455-91 PM-04 7-8-98 1098
 UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 WASHINGTON, D.C. 20460



JUL 8 1998

OFFICE OF
 PREVENTION, PESTICIDES AND
 TOXIC SUBSTANCES

Christine E. Benter
 Bell Laboratories, Inc.
 3699 Kinsman Blvd.
 Madison, WI 53704

5542999 306/18
 5545372 306/18

Subject: Final Rodenticide Ready-to-Use Place Pac
 EPA Reg. No. 12455-91
 Your Letters and Submission of Additional Data and Revised Labeling
 dated May 19, 1998.

Dear Ms. Benter,

Your two letters regarding EPA Reg. No. 12455-91, both dated May 19, 1998, with attached submissions of revised labeling and additional data which we requested for the mouse placepack penetration study (MRID No. 444522-01), have been reviewed. The conclusions of our review are discussed below.

1. We have examined the additional information submitted regarding the mouse placepack-penetration study (MRID No. 444522-01) that was previously submitted on December 19, 1997. We conclude that the study and the proposed label changes related to the study are acceptable. We note, however, that the bait formulation did not appear to be accepted well by house mice, especially females, in some of the tests reported. As killing females is the key to successful control of this species, we suggest that you search for a bait formulation that female house mice will accept readily.
2. Your proposed revised labeling is acceptable from the standpoint of efficacy provided you modify the labeling as indicated below.
 - a. Insert a space between the last two sentences of the "SELECTION OF TREATMENT AREAS:" subsection of the "DIRECTIONS FOR USE" on all outer-container labels and the placepack label (i.e., change "snow.Remove" to "snow. Remove").
 - b. On the labels for the placepack and the outer container for 100 x 0.88-oz. (25-g) placepacks, change the last sentence of the "USE RESTRICTIONS:" subsection of the "DIRECTIONS FOR USE" on

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Internet Address (URL) • http://www.epa.gov							

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

the outer-container labels to read:

"When used in USDA-inspected facilities, this product must be applied in tamper-resistant bait stations."

On the labels for outer containers of 4, 6, 8, and 10 x 0.88-oz (25-g) placepacks, insert the sentence indicated immediately above as the last sentence of the "USE RESTRICTIONS:" subsection of the "DIRECTIONS FOR USE". Please note that the above sentence must appear on all individual placepack labels, not just the placepacks packaged in the 100 x 25-g size.

Despite your claim that the containers for 4, 6, 8, and 10 x 0.88-oz (25-g) placepacks would be "marketed for household use only", there is nothing on the labels proposed for such containers that would prohibit use of the product in plants that USDA inspects. Even if you sold those containers only in supermarkets and drugstores, you could not be absolutely sure that none of the product purchased from such outlets ever would be used in a USDA-inspected facility.

Please submit one copy of your revised final printed labeling for the individual 25-g placepacks and each size of outer container before you release the product for shipment. We caution you to refrain from adding any claims or directions to the final printed labeling that were not part of the stamped accepted labeling. 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.

Stamped copies of the individual 25-g placepack label and the outer container labels for each of the 5 package sizes (4, 6, 8, 10, and 100 x 25-g) are enclosed for your records. If you have any questions regarding this letter, please call me at (703) 305-5417 or (703) 305-5404.

Sincerely yours,

Peg Perreault
Chemical Manager, Team 4
Insecticide-Rodenticide Branch
Registration Division (7505C)

CONCURRENCES							
SYMBOL	Enclosures (6)						
SURNAME							
DATE							

ACCEPTED
with COMMENTS
In EPA Letter Dated:

July 8, 1998

Under the Federal Insecticide,
 Fungicide, and Rodenticide Act,
 as amended, for the pesticide
 registered under EPA Reg. No.
 12455-91

Final®

RODENTICIDE

READY TO USE PLACE PAC
KILLS RATS AND MICE

Kills Warfarin Resistant Norway Rats and House Mice
 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: Brodifacoum, 3-[2-(4'-Bromo-1,1'-biphenyl-4-yl)-1,2,3,4-tetrahydro-1-naphthalenyl]-4-hydroxy-2H-1-benzopyran-2-one 0.005%
 INERT INGREDIENTS 99.995%
 *Contains Oxantelbonum Benzazole TOTAL 100.000%

KEEP OUT OF REACH OF CHILDREN
CAUTION


NOTE TO PHYSICIAN

swallowed. This material may reduce the clotting ability of the blood and cause bleeding. If ingested, administer Warfarin K, intramuscularly or orally as indicated in bishydroxycoumarin overdose. Repeat as necessary based on monitoring of prothrombin times. For 24-hour emergency medical advice, call 1-800-228-5626 ext. 311. FOR SPECIFIC STATEMENTS OF PRACTICAL TREATMENT, REFER TO THE OUTER CONTAINER LABEL FOR THIS PRODUCT.

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS
CAUTION: May be harmful or fatal if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. **ENVIRONMENTAL HAZARDS:** This product is toxic to fish, birds, and wildlife. This product can pose a secondary hazard to birds of prey if mammals. For terrestrial use, do not spray directly to water, or to areas where surface water is present or to riparian areas below the spray height. Seal tank.

Net Contents .88 oz. (25 grams)

Mfg. by:  Bell Laboratories, Inc. EPA REG. NO. 12455-91
 Madison, WI 53704 U.S.A. EPA EST. NO. 12455-WH-1

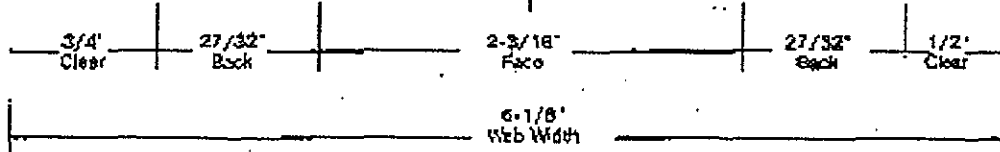
SELECTION OF TREATMENT AREAS: Determine areas where rats or mice will feed and consume the bait. Generally, these are living walls, ungrounded openings, such as holes, burrows, in corners and concealed spaces, between boards and walls, in locations where rodents of their signs have been seen. Insured bait from minor signs. Place bait in such alternate food as possible. **APPLICATION DIRECTIONS:** Apply 1/2 to 1/3 cup per placement. Maintain an uninterrupted supply of fresh bait for at least 10 days or until there no longer are signs of fresh rat activity. Bait may be applied in 1/2 cup increments. The bait may be applied in portions of extremely high mouse activity. Maintain an uninterrupted supply of fresh bait until there are no signs of fresh mouse activity. **WARNINGS:** Do not use in areas where children or animals are present. Contact with eyes or skin may cause irritation. Avoid contact with eyes, skin, and clothing as much as possible. If irritation occurs, rinse treatment area. **STORAGE:** Store only in original container. In dry and inaccessible location and out of reach of children and pets. **DISPOSAL:** Do not reuse empty container. Locally approved disposal of newspaper and discard in trash.

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 the entire label and follow all use directions and use precautions. **PRECAUTIONS:** Do not expose children, pets, or other domestic animals to concentrations. To help prevent accidents: 1. Never place or throw in a location out of reach of children and pets. 2. Never place or throw in a location out of reach of children, pets, domestic animals and other mammals. 3. Never place or throw in a location where children, pets, domestic animals and other mammals are present. 4. Never place or throw in a location where children, pets, domestic animals and other mammals are present. 5. Never place or throw in a location where children, pets, domestic animals and other mammals are present. 6. Never place or throw in a location where children, pets, domestic animals and other mammals are present. 7. 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3.7" Cr. Of
 Straight Up
 4 Around
 13.080" Cylinder



5.027" Cr. Of
 Straight Up
 8 Around
 13.080" Cylinder



Ball Lbs
 10 Gains-14 Around
 30 Gains-13 Around
 06/25/60 DEP

ACCEPTED
with COMMENTS
In EPA Letter Dated:

July 8, 1998

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pest(s)
registered under EPA Reg. No.
12455-91

Final

RODENTICIDE

READY TO USE PLACE PAC

KILLS RATS AND MICE

Guaranteed*

Kills Warfarin Resistant Norway Rats and House Mice

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.

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Call physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.
If on Skin: Wash with plenty of soap and water. Get medical attention if symptoms persist.
If in Eyes: Flush eyes with plenty of water. Call a physician if irritation persists.

NOTE TO PHYSICIAN

If swallowed, this material may reduce the clotting ability of the blood and cause bleeding. If ingested, administer Vitamin K₁ intramuscularly or orally as indicated in bishydroxycoumarin overdoses. Repeat as necessary based on monitoring of prothrombin times.
For 24-hour emergency medical advice, call 1-800-228-5635 ext. 311.
(SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.)

ACTIVE INGREDIENTS: Brodifacoum	
3-[3-(4'-Bromo-(1,1'-biphenyl)-4-yl)-1,2,3,4-tetrahydro-1-naphthalenyl]-4-hydroxy-2H-1-benzopyran-2-one	0.005%
INERT INGREDIENTS	99.995%
*Contains Denatonium Benzoate	TOTAL 100.000%

NET CONTENTS:

4 - 25 gm Place Pacs

EPA REG. NO. 12455-91

EPA EST. NO. 12455-WH-1

***Money Back Guarantee**

Manufactured by:



Bell Laboratories, Inc.
Madison, WI 53704 U.S.A.

DIRECTIONS FOR USE

Use in accordance with the label and the provisions 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.

IMPORTANT: Do not expose children, pets, or other nontarget 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 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 filled, units must be secured or otherwise immobilized. Even stronger bait stations are needed in areas open to booted 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.

USE RESTRICTIONS:

For control of Norway rats, roof rats and house mice in and around homes, industrial, commercial, agricultural and public buildings, and similar manmade structures. FINAL[®] Place Pacs may also be used in transport vehicles (ships, trains, aircraft) and in and around related port or terminal buildings. This product may also be used in alleys. Do not use in sewers. 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 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 seen. Protect bait from rain or snow. Remove as much alternative food as possible.

APPLICATION DIRECTIONS:

The place pac in this package contain enough bait (100 grams) to kill one to three rats.

RATS: Apply 4 to 16 pac (usually at intervals of 15 to 30 feet) per placement. Maintain an uninterrupted supply of fresh bait for at least 10 days or until there no longer are signs of fresh rat activity.

HOUSE MICE: Apply 1 pac per placement. Space placements at 8- to 12-foot intervals. Two pac may be applied at points of extremely high mouse activity. Maintain an uninterrupted supply of fresh bait for at least 15 days or until there no longer are signs of fresh mouse activity.

RATS/MICE: Replace contaminated or spoiled bait immediately. Collect and dispose of all dead animals and leftover bait properly. To prevent 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.

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

CAUTION: May be harmful or fatal if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling bait.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and wildlife. This product can pose a secondary hazard to birds of prey and mammals. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Store only in original container, in a dry area inaccessible to children and pets.

PESTICIDE DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse container. Discard container in trash.

FINAL[®] is a registered trademark of Bell Laboratories, Inc.

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ACCEPTED
with COMMENTS
In EPA Letter Dated:

July 8, 1998

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended for the pesticide
registered under EPA Reg. No.

12455-91

Final

RODENTICIDE

READY TO USE PLACE PAC

KILLS RATS AND MICE

*Guaranteed**

Kills Warfarin Resistant Norway Rats and House Mice

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.

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Call physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

If on Skin: Wash with plenty of soap and water. Get medical attention if symptoms persist.

If in Eyes: Flush eyes with plenty of water. Call a physician if irritation persists.

NOTE TO PHYSICIAN

If swallowed, this material may reduce the clotting ability of the blood and cause bleeding. If ingested, administer Vitamin K intramuscularly or orally as indicated in bishydroxycoumarin overdoses. Repeat as necessary based on monitoring of prothrombin times.

For 24-hour emergency medical advice, call 1-800-228-5635 ext. 311. (SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS)

ACTIVE INGREDIENTS:

3-[3-(4'-Bromo-1,1'-biphenyl-4-yl)-1,2,3,4-tetrahydro-1-naphthylenyl]-4-hydroxy-2H-1-benzopyran-2-one.....0.005%

INERT INGREDIENTS*.....99.995%

*Contains Denatonium Benzoate TOTAL 100.000%

NET CONTENTS:

6 - 25 gm Place Pacs

EPA REG. NO. 12455-91

EPA LABEL NO. 12455-91-1

**Money Back Guarantee*

Manufactured by:



Bell Laboratories, Inc.
Madison, WI 53704 U.S.A.

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.

IMPORTANT: Do not expose children, pets, or other nontarget 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 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 filled, units must be secured or otherwise immobilized. Even stronger bait stations are needed in areas open to hooled 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.

USE RESTRICTIONS:

For control of Norway rats, roof rats and house mice in and around homes, industrial, commercial, agricultural and public buildings, and similar manmade structures. FINAL® Place Pacs may also be used in transport vehicles (ships, trains, aircraft) and in and around related port or terminal buildings. This product may also be used in alleys. Do not use in sewers. 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 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 seen. Protect bait from rain or snow. Remove as much alternative food as possible.

APPLICATION DIRECTIONS:

The place pac in this package contain enough bait (150 grams) to kill two to six rats.

RATS: Apply 4 to 16 pac (usually at intervals of 15 to 30 feet) per placement. Maintain an uninterrupted supply of fresh bait for at least 10 days or until there no longer are signs of fresh rat activity.

HOUSE MICE: Apply 1 pac per placement. Space placements at 8- to 12-foot intervals. Two pac may be applied at points of extremely high mouse activity. Maintain an uninterrupted supply of fresh bait for at least 15 days or until there no longer are signs of fresh mouse activity.

RATS/MICE: Replaced contaminated or spoiled bait immediately. Collect and dispose of all dead animals and leftover bait properly. To prevent 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.

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

CAUTION: May be harmful or fatal if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling bait.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and wildlife. This product can pose a secondary hazard to birds of prey and mammals. For terrestrial use, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Store only in original container, in a dry area inaccessible to children and pets.

PESTICIDE DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse container. Discard container in trash.

FINAL® is a registered trademark of Bell Laboratories, Inc.

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ACCEPTED
with COMMENTS
In EPA Letter Dated:

July 8, 1998

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.

12455-91

Final®

RODENTICIDE

READY TO USE PLACE PAC

KILLS RATS AND MICE

Guaranteed*

Kills Warfarin Resistant Norway Rats and House Mice

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.

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Call physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

If on Skin: Wash with plenty of soap and water. Get medical attention if symptoms persist.

If in Eyes: Flush eyes with plenty of water. Call a physician if irritation persists.

NOTE TO PHYSICIAN

If swallowed, this material may reduce the clotting ability of the blood and cause bleeding. If ingested, administer Vitamin K₁ intramuscularly or orally as indicated in bishydroxycoumarin overdoses. Repeat as necessary based on monitoring of prothrombin times.

For 24-hour emergency medical advice, call 1-800-228-5635 ext. 311.
(SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.)

ACTIVE INGREDIENTS:

Brodifacoum
3-[3-(4'-Bromo-[1,1'-biphenyl]-4-yl)-1,2,3,4-tetrahydro-1-naphthalenyl]-
4-hydroxy-2H-1-benzopyran-2-one.....0.005%

INERT INGREDIENTS.....99.995%

*Contains Denatonium Benzoate TOTAL 100.000%

NET CONTENTS:

8 - 25 gm Place Pacs

EPA REG. NO. 12455-01

EPA EST. NO. 12455-WH-1

***Money Back Guarantee**

Manufactured by:



Bell Laboratories, Inc.
Madison, WI 53704 U.S.A.

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.

IMPORTANT: Do not expose children, pets, or other nontarget 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 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 and unused, spotted, and unconsumed bait as specified on this label.

USE RESTRICTIONS:

For control of Norway rats, roof rats and house mice in and around homes, industrial, commercial, agricultural and public buildings, and similar manmade structures. FINAL® Place Pacs may also be used in transport vehicles (ships, trains, aircraft) and in and around related port or terminal buildings. This product may also be used in alleys. Do not use in sewers. 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 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 seen. Protect bait from rain or snow. Remove as much alternative food as possible.

APPLICATION DIRECTIONS:

The place pac in this package contain enough bait (200 grams) to kill two to eight rats.

RATS: Apply 4 to 16 pac (usually at intervals of 15 to 30 feet) per placement. Maintain an uninterrupted supply of fresh bait for at least 10 days or until there no longer are signs of fresh rat activity.

HOUSE MICE: Apply 1 pac per placement. Space placements at 8- to 12-foot intervals. Two pac may be applied at points of extremely high mouse activity. Maintain an uninterrupted supply of fresh bait for at least 15 days or until there no longer are signs of fresh mouse activity.

RATS/MICE: Replace contaminated or spoiled bait immediately. Collect and dispose of all dead animals and leftover bait properly. To prevent 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.

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

CAUTION: May be harmful or fatal if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling bait.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and wildlife. This product can pose a secondary hazard to birds of prey and mammals. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Store only in original container, in a dry area inaccessible to children and pets.

PESTICIDE DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse container. Discard container in trash.

FINAL® is a registered trademark of Bell Laboratories, Inc.

ACCEPTED
with COMMENTS
In EPA Letter Dated:

July 8, 1998

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No. 12455-91

Final®

RODENTICIDE

READY TO USE PLACE PAC

KILLS RATS AND MICE

Guaranteed*

Kills Warfarin Resistant Norway Rats and House Mice

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.

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Call physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

If on Skin: Wash with plenty of soap and water. Get medical attention if symptoms persist.

If in Eyes: Flush eyes with plenty of water. Call a physician if irritation persists.

NOTE TO PHYSICIAN

If swallowed, this material may reduce the clotting ability of the blood and cause bleeding. If ingested, administer Vitamin K₁ intramuscularly or orally as indicated in bishydroxycoumarin overdoses. Repeat as necessary based on monitoring of prothrombin times.

For 24-hour emergency medical advice, call 1-800-228-5635 ext. 311.
(SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.)

ACTIVE INGREDIENTS:

3-(3-(4'-Bromo-1,1'-biphenyl-4-yl)-1,2,3,4-tetrahydro-1-naphthalenyl)-4-hydroxy-2H-1-benzopyran-2-one.....0.005%

INERT INGREDIENTS*.....99.995%

*Contains Denatonium Benzoate TOTAL 100.000%

NET CONTENTS:

10 - 25 gm Place Pacs

EPA REG. NO. 12455-91

EPA EST. NO. 12455-91-1

***Money Back Guarantee**

Manufactured by:



Bell Laboratories, Inc.
Madison, WI 53704 U.S.A.

DIRECTIONS FOR USE

READ THIS LABEL: Read this entire label and follow all use directions and use precautions.

IMPORTANT: Do not expose children, pets, or other nontarget 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 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 filled, units must be secured or otherwise immobilized. Even stronger bait stations are needed in areas open to holed 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.

USE RESTRICTIONS:

For control of Norway rats, roof rats and house mice in and around homes, industrial, commercial, agricultural and public buildings, and similar manmade structures, FINAL® Place Pacs may also be used in transport vehicles (ships, trains, aircraft) and in and around related port or terminal buildings. This product may also be used in alleys. Do not use in sewers. 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 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 seen. Protect bait from rain or snow. Remove as much alternative food as possible.

APPLICATION DIRECTIONS:

The place pacs in this package contain enough bait (250 grams) to kill three to nine rats.

RATS: Apply 4 to 16 pacs (usually at intervals of 15 to 30 feet) per placement. Maintain an uninterrupted supply of fresh bait for at least 10 days or until there no longer are signs of fresh rat activity.

HOUSE MICE: Apply 1 pac per placement. Space placements at 8- to 12-foot intervals. Two pacs may be applied at points of extremely high mouse activity. Maintain an uninterrupted supply of fresh bait for at least 15 days or until there no longer are signs of fresh mouse activity.

RATS/MICE: Replace contaminated or spoiled bait immediately. Collect and dispose of all dead animals and leftover bait properly. To prevent 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.

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

CAUTION: May be harmful or fatal if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling bait.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and wildlife. This product can pose a secondary hazard to birds of prey and mammals. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE: Store only in original container, in a dry area inaccessible to children and pets.

PESTICIDE DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse container. Discard container in trash.

FINAL® is a registered trademark of Bell Laboratories, Inc.

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.

IMPORTANT: Do not expose children, pets, or other nontarget 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 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 and unused, spoiled, and unconsumed bait as specified on this label.

USE RESTRICTIONS:

For control of Norway rats, roof rats and house mice in and around homes, industrial, commercial, agricultural and public buildings, and similar manmade structures. FINAL® Place Pacs may also be used in transport vehicles (ships, trains, aircraft) and in and around related port or terminal buildings. This product may also be used in alleys. Do not use in sewers. 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. When this product is used in USDA inspected plants, the applicator is required to use tamper-resistant bait stations.

SELECTION OF TREATMENT AREAS: Determine areas where rats 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 seen. Protect bait from rain or snow. Remove as much alternative food as possible.

See right side panel for additional DIRECTIONS FOR USE

576F



READY TO USE PLACE PAC

KILLS RATS AND MICE

Kills Warfarin Resistant Norway Rats and House Mice
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 INGREDIENTS: Brodifacoum;	
3-[3-(4-Bromo-[1,1'-biphenyl]-4-yl)-1,2,3,4-tetrahydro-1-naphthalenyl]-	
4-hydroxy-2H-1-benzopyran-2-one.....	0.005%
INERT INGREDIENTS*..... 99.995%	
*Contains Denatonium Benzoate	TOTAL 100.000%

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Call physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting. If on Skin: Wash with plenty of soap and water. Get medical attention if symptoms persist. If in Eyes: Flush eyes with plenty of water. Call a physician if irritation persists.

NOTE TO PHYSICIAN

If swallowed, this material may reduce the clotting ability of the blood and cause bleeding. If ingested, administer Vitamin K, intramuscularly or orally as indicated in bishydroxycoumarin overdoses. Repeat as necessary based on monitoring of prothrombin times.

For 24-hour emergency medical advice, call 1-800-228-5635 ext. 311.

(SEE RIGHT PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.)

NET WEIGHT: 100 x 25 g

Mfg. by:



Bell Laboratories, ACCEPTED
Madison, WI 53704 U.S.A. **with COMMENTS**

In EPA Letter Dated:

EPA REG. NO. 12455-91

EPA EST. NO. 12455-WF-1

July 8, 1998

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No.

12455-91

DIRECTIONS FOR USE (Continued from left side panel.)

APPLICATION DIRECTIONS:

RATS: Apply 4 to 16 pacs (usually at intervals of 15 to 30 feet) per placement. Maintain an uninterrupted supply of fresh bait for at least 10 days or until there no longer are signs of fresh rat activity.

HOUSE MICE: Apply 1 pac per placement. Space placements at 8- to 12-foot intervals. Two pacs may be applied at points of extremely high mouse activity. Maintain an uninterrupted supply of fresh bait for at least 15 days or until there no longer are signs of fresh mouse activity.

RATS/MICE: Replace contaminated or spoiled bait immediately. Collect and dispose of all dead animals and leftover bait properly. To prevent 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.

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS AND DOMESTIC ANIMALS

CAUTION: May be harmful or fatal if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling bait.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and wildlife. This product can pose a secondary hazard to birds of prey and mammals. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. **STORAGE:** Store only in original container, in a dry area inaccessible to children and pets.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of onsite or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty container. Then dispose of empty container in sanitary landfill or by incineration, or as otherwise approved by state and local authorities, by burning. If burned, stay out of smoke.

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