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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

100-808

Date of Issuance:

13 DEC 1995

Term of Issuance: Conditional

Name of Pesticide Product:

Fenoxycarb
Indoor/Outdoor Flea &
Roach Concentrate

NOTICE OF PESTICIDE:

☒ Registration
☐ Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Ciba Crop Protection
Ciba-Geigy Corporation
P.O. Box 18300
Greensboro, NC 27419

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

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Change the label by revising the EPA Registration Number to read, "EPA Reg. No. 100-808".

3. Submit two copies of the revised final printed label for the record.

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.

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

Signature of Approving Official:

RPK
Richard P. Keigwin, Jr.

Date:

13 DEC 1995

EPA Form 8570-6

JK

BEST COPY AVAILABLE

(Booklet label for Container with CRP)

Fenoxycarb Indoor/Outdoor Flea & Roach Concentrate

Insect Growth Regulator

Mix concentrate with water and spray

Use in and around the home, apartment, kennel, and other buildings

Controls fleas indoors and outdoors

Controls fleas, pantry pests and cockroaches

Interrupts the insect's life cycle

Controls fleas up to 6 months

Residual control of fleas, cockroaches, and pantry pests

Controls pests indoors and outdoors

Controls cockroaches and fleas indoors and outdoors

Won't harm carpets and furniture

Concentrated = Great value

(For unit dose containers only):

Pre-measured - just pour in the required number of bottles.

No need to measure

Active Ingredient:

Fenoxycarb: (Ethyl [2-(4-phenoxyphenoxy)ethyl]
carbonate).....

23.9%

Inert Ingredients*:.....

76.1%

Total:.....

100.0%

*Contains petroleum solvents

EPA Reg. No. 100- / EPA Est.

KEEP OUT OF REACH OF CHILDREN

WARNING

See additional precautionary statements at end of label.

2 x 0.34 fl.oz (for unit dosing) or 1 pt. or 1 qt.

U. S. Standard Measure

ACCEPTED
WITH COMMENTS
In EPA Letter Dated

13 DEC 1995

100-808

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and Conditions of Sale and Warranty before using this product. If terms are not acceptable, return the unopened product container at once.

Conditions of Sale and Warranty

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of Ciba-Geigy or the Seller. All such risks shall be assumed by the Buyer.

Ciba-Geigy warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. Ciba-Geigy makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Ciba-Geigy or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. Ciba-Geigy and the Seller offer this product, and the Buyer and user accept it subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of Ciba-Geigy.

DIRECTIONS FOR USE

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

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR INSECT CONTROL OR ILLEGAL RESIDUES.

General Information

HOW THE PRODUCT WORKS

This product controls populations of fleas, cockroaches, and the pests that get into stored food, by killing their eggs or preventing the immature stages of the insects from developing into adults.

This product will not kill adult insects that are already present. If adult insects are present, use an insecticide labeled to control the adult stage of the insect, and then use this product to stop the development of immature forms of the insect and to provide long-term control.

PRECAUTIONS

1. Do not allow people or pets to contact treated surfaces until spray has dried.
2. Remove pets and cover aquariums before spraying
3. Do not treat pets with this product
4. Do not allow spray mist to contact food.
6. If the spray contacts dishes, food handling utensils, or food preparation areas, wash them thoroughly with soap and water before use.
7. Avoid spraying product into air.
8. Turn off pilot lights before spraying under or around appliances.
9. To avoid electrical shock or short circuits, do not spray motor housings, junction boxes, or other electrical equipment.

PESTS CONTROLLED

cockroaches
fleas
pantry pests*:

granary weevil	rice weevil
sawtoothed grain beetle	red flour beetle
confused flour beetle	lesser grain borer
cigarette beetle	Indian meal moth
angoumois grain moth	warehouse moth
mill moth	

*pests that get into stored food such as flour

WHERE TO USE

Indoors

Homes, apartments and other buildings

Outdoors

Around buildings to control cockroaches
In animal runs, resting areas, and kennels to control fleas.

MIXING AND APPLICATION

This product is a concentrate and must be mixed with water before spraying. The section "How Much to Apply" tells you how much to use.

To apply this product, use a pump-up style pressure sprayer.

1. Make sure the sprayer is clean before mixing.
2. Fill the sprayer outdoors
3. Partially fill the sprayer with water
4. Refer to the "How Much to Apply" section of this label and pour the required amount into the sprayer. Food utensils, such as measuring spoons, should not be used for food purposes after using the spoons to measure pesticides.
5. Mix only what you need and do not let the mixture stand in the sprayer overnight.
6. Finish filling the sprayer with the correct amount of water.
7. Close the sprayer and shake to mix.
8. Pump up the sprayer according to the sprayer directions.
9. Apply just enough product to wet the surface, do not drench the area.
10. Clean sprayer after use; do not pour wash water into drains or sewers.

COCKROACH CONTROL

How Much to Use

Mix 0.68 oz. (20 ml. or 4 teaspoons) in 1 gallon of water.

Optional Unit Dose Directions

Empty the contents of 2 containers (0.68 oz.) into 1 gallon of water.

<u>Application</u>	<u>When</u>
First Indoor	When insects first appear
Second Indoor	6-8 weeks later
Additional Indoor	Every 3-4 months
Outdoor	Every 3-4 months

Cockroach Control Indoors

How to Apply

1. Empty all cabinets and drawers before application
2. Spray into cracks and crevices and/or spot treat under, along, and behind the areas listed in number 3.
3. Apply to all areas where cockroaches live. This includes:
 - behind cupboards, pantries
 - under shelves and drawers
 - behind and under stoves, refrigerators, and other large appliances
 - under sinks
 - along baseboards, window frames, and plumbing

Cockroach Control Outdoors

How to Apply

1. Spray a band of soil surface 2-4 feet wide around the building.
2. Also spray the building foundation to a height of 2-3 feet.
3. Also spray around:
 - doors
 - window frames
 - garage doors
 - patios
 - carports
 - shutters
 - garbage areas
 - other areas where cockroaches may hide

FLEA CONTROL

How Much to Use

Mix 0.34 oz. (10 ml. or 2 teaspoons) in 1 gallon of water.

(Optional Unit Dose Directions)

Empty the contents of 1 container into 1 gallon of water.

Flea Control Indoors

How to Apply

1. Before spraying, vacuum carpets, and throw away vacuum cleaner bag in trash outdoors.
2. Remove pet bedding before applying this product and throw it away or wash it in hot water with detergent before returning it to the treated area.
3. Treat pets with a product registered for on-animal flea control. DO NOT USE THIS PRODUCT ON PETS.
4. Mix this product in 1 gallon of water. One gallon will treat approximately 1,500 sq. ft. of surface area.
5. Lightly spray areas where fleas may live including:
 - carpets
 - furniture
 - pet sleeping areas
 - throw rugs
 - under cushions of upholstered furniture
 - into cracks or crevices of floors and baseboards
6. If needed, repeat application in 6 months.

Flea Control Outdoors

How to Apply

1. Spray animal runs and areas where animals rest.
2. If animals are kenneled, spray this product in and around the kennel area.
3. Spray 1 gallon over 300 to 350 sq. ft. and repeat every 3-4 months if needed.

PANTRY PEST CONTROL

Pantry pests such as cigarette beetles and rice weevils are insects that get into stored food such as flour and cereals.

How Much to Use

Apply 0.68 oz. (20 ml. or 4 teaspoons) per gallon of water. Repeat, if needed, in 6-8 weeks. If a third application is needed, repeat in 3-4 months.

How to Apply

1. Remove all food containers and food items, shelf paper, dishes, and utensils before spraying.
2. Throw away any food that is infested.
3. Spray into cracks and crevices and spot treat pantry shelves and cupboards where food is stored.
4. When spray has dried, put down new shelf paper and replace food dishes, and utensils.

Storage and Disposal

Store in an area inaccessible to children and pets and away from heat sources or open flame. Do not reuse container. Securely wrap container in several layers of newspaper and discard in trash.

To avoid hazard to fish and other aquatic organisms in rivers and streams, do not pour excess pesticide mixture or tank rinse water down the drain.

In the event of an emergency, call 1-800-888-6372 day or night.

Precautionary Statements
Hazards to Humans and Domestic Animals

WARNING

Concentrate causes substantial but temporary eye injury. Harmful if swallowed, inhaled, or absorbed through the skin. Do not get in eyes or on clothing. Avoid contact with skin. Avoid breathing vapor or spray mist. Wear goggles, face shield or safety glasses when handling concentrate. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Statement of Practical Treatment

If in eyes: Hold eyelids open and flush with a steady, gentle stream of water. Get medical attention.

If swallowed: Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Do not give anything by mouth to an unconscious person. Avoid alcohol. Do not induce vomiting.

If on skin: Wash with plenty of soap and water. Get medical attention.

If inhaled: Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. Get medical attention.

Environmental Hazards

This product is toxic to fish and aquatic invertebrates. Drift and runoff from treated sites may be hazardous to aquatic invertebrates in adjacent aquatic sites. Do not apply directly to water. Do not contaminate water when disposing of equipment wash waters.

Physical or Chemical Hazards

To avoid electrical shock or short circuits, do not apply in areas such as conduits, motor housings, junction and switch boxes, and other electrical equipment.

Do not store or use near heat or open flame.

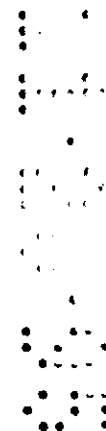
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Ciba Crop Protection
Ciba-Geigy Corporation
Greensboro, Carolina 27419

CGA

November 22, 1995 -
directions on this label
are equivalent to Torus
CGA 1L120L1F 035



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100-808

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Name of Pesticide Product:

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Name and Address of Registrant (include ZIP Code):

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RPK
Richard P. Keigwin, Jr.

Date:

13 DEC 1995

EPA Form 8570-6

BEST COPY AVAILABLE

(Booklet label for Container with CRP)

Fenoxycarb Indoor/Outdoor Flea & Roach Concentrate

Insect Growth Regulator

Mix concentrate with water and spray

Use in and around the home, apartment, kennel, and other buildings

Controls fleas indoors and outdoors

Controls fleas, pantry pests and cockroaches

Interrupts the insect's life cycle

Controls fleas up to 6 months

Residual control of fleas, cockroaches, and pantry pests

Controls pests indoors and outdoors

Controls cockroaches and fleas indoors and outdoors

Won't harm carpets and furniture

Concentrated = Great value

(For unit dose containers only):

Pre-measured - just pour in the required number of bottles.

No need to measure

Active Ingredient:

Fenoxycarb: (Ethyl [2-(4-phenoxyphenoxy)ethyl]

carbonate).....23.9%

Inert Ingredients*:.....76.1%

Total: 100.0%

*Contains petroleum solvents

EPA Reg. No. 100- / EPA Est.

KEEP OUT OF REACH OF CHILDREN

WARNING

See additional precautionary statements at end of label.

2 x 0.34 fl.oz (for unit dosing) or 1 pt. or 1 qt.

U. S. Standard Measure

ACCEPTED
with COMMENTS
in EPA Letter Dated
13 DEC 1995

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, this product is
registered under EPA Reg. No.

100-808

DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

IMPORTANT: Read the entire Directions for Use and Conditions of Sale and Warranty before using this product. If terms are not acceptable, return the unopened product container at once.

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DIRECTIONS FOR USE

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

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR INSECT CONTROL OR ILLEGAL RESIDUES.

General Information

HOW THE PRODUCT WORKS

This product controls populations of fleas, cockroaches, and the pests that get into stored food, by killing their eggs or preventing the immature stages of the insects from developing into adults.

This product will not kill adult insects that are already present. If adult insects are present, use an insecticide labeled to control the adult stage of the insect, and then use this product to stop the development of immature forms of the insect and to provide long-term control.

PRECAUTIONS

1. Do not allow people or pets to contact treated surfaces until spray has dried.
2. Remove pets and cover aquariums before spraying
3. Do not treat pets with this product
4. Do not allow spray mist to contact food.
6. If the spray contacts dishes, food handling utensils, or food preparation areas, wash them thoroughly with soap and water before use.
7. Avoid spraying product into air.
8. Turn off pilot lights before spraying under or around appliances.
9. To avoid electrical shock or short circuits, do not spray motor housings, junction boxes, or other electrical equipment.

PESTS CONTROLLED

cockroaches
fleas
pantry pests*:

granary weevil	}	rice weevil
sawtoothed grain beetle		red flour beetle
confused flour beetle		lesser grain borer
cigarette beetle		Indian meal moth
angoumois grain moth		warehouse moth
mill moth		

*pests that get into stored food such as flour

WHERE TO USE

Indoors

Homes, apartments and other buildings

Outdoors

Around buildings to control cockroaches
In animal runs, resting areas, and kennels to control fleas.

MIXING AND APPLICATION

This product is a concentrate and must be mixed with water before spraying. The section "How Much to Apply" tells you how much to use.

To apply this product, use a pump-up style pressure sprayer.

1. Make sure the sprayer is clean before mixing.
2. Fill the sprayer outdoors
3. Partially fill the sprayer with water
4. Refer to the "How Much to Apply" section of this label and pour the required amount into the sprayer. Food utensils, such as measuring spoons, should not be used for food purposes after using the spoons to measure pesticides.
5. Mix only what you need and do not let the mixture stand in the sprayer overnight.
6. Finish filling the sprayer with the correct amount of water.
7. Close the sprayer and shake to mix.
8. Pump up the sprayer according to the sprayer directions.
9. Apply just enough product to wet the surface, do not drench the area.
10. Clean sprayer after use; do not pour wash water into drains or sewers.

COCKROACH CONTROL**How Much to Use**

Mix 0.68 oz. (20 ml. or 4 teaspoons) in 1 gallon of water.

Optional Unit Dose Directions

Empty the contents of 2 containers (0.68 oz.) into 1 gallon of water.

<u>Application</u>	<u>When</u>
First Indoor	When insects first appear
Second Indoor	6-8 weeks later
Additional Indoor	Every 3-4 months
Outdoor	Every 3-4 months

Cockroach Control Indoors

How to Apply

1. Empty all cabinets and drawers before application
2. Spray into cracks and crevices and/or spot treat under, along, and behind the areas listed in number 3.
3. Apply to all areas where cockroaches live. This includes:
 - behind cupboards, pantries
 - under shelves and drawers
 - behind and under stoves, refrigerators, and other large appliances
 - under sinks
 - along baseboards, window frames, and plumbing

Cockroach Control Outdoors

How to Apply

1. Spray a band of soil surface 2-4 feet wide around the building.
2. Also spray the building foundation to a height of 2-3 feet.
3. Also spray around:
 - doors
 - window frames
 - garage doors
 - patios
 - carports
 - shutters
 - garbage areas
 - other areas where cockroaches may hide

FLEA CONTROL

How Much to Use

Mix 0.34 oz. (10 ml. or 2 teaspoons) in 1 gallon of water.

(Optional Unit Dose Directions)

Empty the contents of 1 container into 1 gallon of water.

Flea Control Indoors

How to Apply

1. Before spraying, vacuum carpets, and throw away vacuum cleaner bag in trash outdoors.
2. Remove pet bedding before applying this product and throw it away or wash it in hot water with detergent before returning it to the treated area.
3. Treat pets with a product registered for on-animal flea control. DO NOT USE THIS PRODUCT ON PETS.
4. Mix this product in 1 gallon of water. One gallon will treat approximately 1,500 sq. ft. of surface area.
5. Lightly spray areas where fleas may live including:
 - carpets
 - furniture
 - pet sleeping areas
 - throw rugs
 - under cushions of upholstered furniture
 - into cracks or crevices of floors and baseboards
6. If needed, repeat application in 6 months.

Flea Control Outdoors

How to Apply

1. Spray animal runs and areas where animals rest.
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Pantry pests such as cigarette beetles and rice weevils are insects that get into stored food such as flour and cereals.

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Apply 0.68 oz. (20 ml. or 4 teaspoons) per gallon of water. Repeat, if needed, in 6-8 weeks. If a third application is needed, repeat in 3-4 months.

How to Apply

1. Remove all food containers and food items, shelf paper, dishes, and utensils before spraying.
2. Throw away any food that is infested.
3. Spray into cracks and crevices and spot treat pantry shelves and cupboards where food is stored.
4. When spray has dried, put down new shelf paper and replace food dishes, and utensils.

Storage and Disposal

Store in an area inaccessible to children and pets and away from heat sources or open flame. Do not reuse container. Securely wrap container in several layers of newspaper and discard in trash.

To avoid hazard to fish and other aquatic organisms in rivers and streams, do not pour excess pesticide mixture or tank rinse water down the drain.

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Precautionary Statements
Hazards to Humans and Domestic Animals

WARNING

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If swallowed: Drink promptly a large quantity of milk, egg whites, gelatin solution, or if these are not available, drink large quantities of water. Do not give anything by mouth to an unconscious person. Avoid alcohol. Do not induce vomiting.

If on skin: Wash with plenty of soap and water. Get medical attention.

If inhaled: Remove victim to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. Get medical attention.

Environmental Hazards

This product is toxic to fish and aquatic invertebrates. Drift and runoff from treated sites may be hazardous to aquatic invertebrates in adjacent aquatic sites. Do not apply directly to water. Do not contaminate water when disposing of equipment wash waters.

Physical or Chemical Hazards

To avoid electrical shock or short circuits, do not apply in areas such as conduits, motor housings, junction and switch boxes, and other electrical equipment.

Do not store or use near heat or open flame.

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Ciba Crop Protection
Ciba-Geigy Corporation
Greensboro, Carolina 27419

CGA

November 22, 1995 -
directions on this label
are equivalent to Torus
CGA 1L120L1F 035