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4313-90

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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:

4313-90

Date of Issuance:

DEC 3 1998

Term of Issuance:

Conditional

Name of Pesticide Product:

Residual Crawling and Flying Insect Killer

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Carroll Company
2900 W. Kingsley Road
Garland, Texas 75041-2378

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 data 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. Make the labeling changes listed below before you release the product for shipment:

a. Add the phase "EPA Registration No. 4313-90".

b. Made the following revisions to the label to be in compliance with PR Notice 96-6 (Pet Pesticide Product Label Statements). "READ ENTIRE LABEL BEFORE USE." "USE ONLY ON DOGS." Clarify Reapplication Limitation. "Do not treat puppies less than 12 weeks old." unless you have domestic animal safety data on file at the Agency to support use on younger animals. "Consult a veterinarian before using this product on debilitated, aged, pregnant, medicated or nursing animals." "Sensitivities may occur after using ANY pesticide product for pets. If signs of sensitivity occur bathe your pet with mild soap and rinse with large amounts of water. If signs continue, consult a veterinarian immediately."

Signature of Approving Official:

Date:

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c. Add "Remove animals prior to treatment." under In Animal Quarters and Milk Rooms directions.

3. Submit two (2) copies of your final printed labeling before you release the product for shipment.

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.

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

Enclosure

3044

RESIDUAL CRAWLING AND FLYING INSECT KILLER

- AUTHORIZED FOR USE IN NON-FOOD/FEEED AREAS OF FOOD/FEEED PROCESSING PLANTS AND OFFICIAL ESTABLISHMENTS OPERATING UNDER THE MEAT, POULTRY, SHELL EGG GRADING AND EGG PRODUCTS INSPECTION PROGRAMS.
- CONTAINS PYRENONE® AND PERMANONE®
- CONTROLS INDUSTRIAL INSECTS
- SEEKS OUT BUGS WHERE THEY HIDE
- KILLS ON CONTACT
- FOR COMMERCIAL/AGRICULTURAL USE
- A BROAD SPECTRUM INSECTICIDE HIGHLY EFFECTIVE AGAINST ANTS (INCLUDING CARPENTER ANTS), BEES, BEETLES (INCLUDING CARPET, FLOUR, GRAIN, AND GROUND BEETLES), CENTIPEDES, CLOVER MITES, COCKROACHES, CRICKETS (INCLUDING MOLE CRICKETS), EARWIGS, FIREBRATS, FLEAS, MILLIPEDES, MOTHS, PILLBUGS, SCORPIONS, SILVERFISH, SOWBUGS, SPIDERS, TICKS, WASPS, AND OTHER PESTS LISTED ON THE LABEL
- KILLS LICE AND THEIR EGGS
- FOR USE ON BEDDING, FURNITURE AND OTHER INANIMATE OBJECTS INFESTED WITH LICE.
- NON-STAINING
- NO UNPLEASANT ODOR
- WATER-BASED FORMULA
- FOR USE ON DOGS AND ON PREMISES TO CONTROL FLEAS AND TICKS
- CONTROLS FLEAS AND TICKS ON DOGS FOR 14 DAYS
- PROTECTS FOR UP TO 4 WEEKS
- PROTECTS FOR UP TO 12 WEEKS
- PROTECTS FOR UP TO 3 MONTHS

ACTIVE INGREDIENTS:

Pyrethrins	0.10%
*Piperonyl Butoxide, Technical	0.50%
**Permethrin	0.20%
INERT INGREDIENTS:	99.20%
	<u>100.00%</u>

*Equivalent to min. 0.4% (butylcarbityl)(6-propylpiperonyl) ether and 0.1% related compounds.
 **3-phenoxyphenyl methyl (+/-) cis/trans 3-(2,2-dichloroethenyl) 2,2-dimethylcyclopropanecarboxylate. Cis/trans ratio: min. 35% (+/-) cis and max. 65% (+/-) trans.
 Pyreperm, Pyrenone And Permanone - Registered Trademarks of AgrEvo Environmental Health, Inc.

EPA REG. NO. 4313- EPA EST. NO. 4313-TX-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

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

See Rear Panel For Use Cautions.

NET CONTENTS:

20 oz 567 gm

PRECAUTIONARY STATEMENTS

Hazards To Humans & Domestic Animals

CAUTION

Harmful if inhaled. Avoid breathing vapor or spray mist. Remove contaminated clothing and wash before reuse. Avoid contamination of feed and foodstuffs. Remove pets and birds and cover fish aquaria before spraying. Vacate room after treatment and ventilate before reoccupying. Do not allow children or pets to contact treated areas until surfaces are dry.

Environmental Hazards

This product is toxic to fish. Do not apply directly to any body of water. Do not contaminate water when disposing of equipment washwaters.

Physical Or Chemical Hazards

Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Do not use this product in or on electrical equipment due to the possibility of shock hazard.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Store in a cool, dry area. Do not transport or store below 32°F. Wrap container in several layers of newspaper and dispose of in trash. Do not incinerate or puncture.

Do not use in food/feed areas of food/feed handling establishments, restaurants or other areas where food/feed is commercially prepared or processed. Do not use in serving areas while food is exposed or facility is in operation. Serving areas are areas where prepared foods are served such as dining rooms but excluding areas where foods may be prepared or held.

Nonfood areas are areas such as garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling).

Do not use in rooms/areas while occupied by patients, the elderly or infirm. Do not apply to classrooms when in use.

SHAKE WELL BEFORE USING

Remove protective cap, hold container upright and spray from a distance of 12 to 15 inches.

INDOORS:

CLUSTER FLIES, HOUSEFLIES, FRUIT FLIES, MOSQUITOES, GNATS, WASPS, HORNETS, BEES, BLACK FLIES, SKIPPER FLIES, BLOW FLIES AND SMALL FLYING MOTHS: Close all doors and windows and direct spray upward into center of room with a slow sweeping motion. Spray 5-10 seconds for average room, moving toward the door. Direct spray to all parts of the room, especially windows and other light sources which attract these insects. Keep nozzle in constant motion. Leave room and keep area closed for 15 minutes after spraying. Ventilate room thoroughly before re-entry. Sweep up and discard fallen insects. Repeat treatment as necessary.

COCKROACHES, WATERBUGS, PALMETTO BUGS, SILVERFISH, FIREBRATS, CRICKETS, SCORPIONS, SPIDERS, MILLIPEDES, CENTIPEDES, SOWBUGS AND PILLBUGS: Spray into hiding places such as cracks and crevices, behind sinks, cabinets, along baseboards and floors, around drains and plumbing, hitting insects with spray when ever possible. Repeat treatment as necessary.

ACCEPTED
with COMMENTS
in EPA Letter # 4313-90

DEC 3 1998

Approved by Federal Government
 pursuant to the Federal Insecticide, Fungicide, and Rodenticide Act
 and the amendments thereto
 under EPA Reg. 4313-TX-1

4313-90

ANTS: Spray trails, nests and points of entry. Spray on ants where possible. Repeat as necessary.

INDIAN MEAL MOTHS, ANGOUMOS GRAIN MOTHS: Close doors and windows, direct spray into all parts of room especially around stored food product containers, pallets and darkened areas. Spray 7 to 10 seconds for each 1000 cubic feet of space, moving toward the door. Leave room and keep area closed for 15 minutes following treatment. Repeat application as necessary.

EXPOSED STAGES OF CONFUSED FLOUR BEETLES, CIGARETTE BEETLES, DRUG STORE BEETLES, SAW-TOOTHED GRAIN BEETLES, RED FLOUR BEETLES, RICE WEEVILS, GRANARY WEEVILS, GRAIN MITES IN EXPOSED ADULT AND LARVAE STAGES: Spray into cracks and crevices, processing and handling equipment, around cartons or containers or other areas where these insects tend to congregate. Contact as many insects as possible. Spray 30 seconds for each 100 square feet of surface. Keep area closed for 45 minutes to 1 hour after treatment. Space spray: Spray 20 seconds per 1000 cu. ft. of space, moving toward the door. Leave room and keep area closed for 15 minutes following treatment. Repeat application weekly or as necessary. Infested stored food products should be disposed of, or treated using an approved product intended for this purpose.

CARPET BEETLES: Spray directly on beetles, floors, baseboards, shelves and carpets. Repeat treatment as necessary.

BEDBUGS: Spray mattresses, particularly around tufts and seams. Take beds apart and spray into all joints. Treat baseboards, moldings and floors. Repeat treatment as necessary. Allow all sprayed articles to dry thoroughly before use.

TO CONTROL CLOTHES MOTHS AND CARPET BEETLES On wool and other proteinaceous fibers: Remove infested articles from storage, brush thoroughly, and air for several hours in sunlight, if possible. Apply spray liberally to empty chests, closets, bureaus and other storages directing the spray into cracks, joints and crevices. After airing, infested articles may be treated by spraying lightly, keeping nozzle at least three feet from fabric to avoid staining.

FLEAS IN BUILDINGS - SPACE SPRAY: Hold can 36 inches above floor and direct spray toward floor and lower walls at a rate of 10 seconds per 100 sq. ft. making sure that all floor, sofa and chair surfaces are contacted. Leave room and keep area closed for 15 minutes. Open and ventilate before reoccupying. Repeat treatment after 7 days or as needed.

FLEAS & TICKS (ADULTS AND LARVAE): Remove and thoroughly clean or destroy pet bedding. Spray pet sleeping quarters, bed, entire floor and floor covering, with special attention to cracks and crevices around baseboards, and window and door frames. Infested upholstered furniture and mattresses may also be treated with this product. A test application should be made to upholstery or drapery fabrics in an inconspicuous place before use.

TO CONTROL FLEAS, TICKS AND LICE ON DOGS. Starting at the head, stroke against the lay of the hair, spraying the parted fur in short bursts, directly behind the hand to insure penetrating the coat. Dampen the fur back to the tail. Repeat application weekly if necessary to control infestations. **NOTE:** Not recommended for use on puppies less than four weeks old.

TO KILL LICE AND LOUSE EGGS: Spray in an inconspicuous area to test for possible staining or discoloration. Inspect again after drying, then proceed to spray entire area to be treated. Hold container upright with nozzle away from you. Depress valve and spray from a distance of 8 to 10 inches. Spray each square foot for three seconds. Spray only those garments and parts of bedding, including mattresses and furniture that cannot be either laundered or dry cleaned. Allow all sprayed articles to dry thoroughly before use.

IN ANIMAL QUARTERS AND MILK ROOMS: For rapid control of *House Flies, Mosquitoes, Gnats, Wasps, Hornets, Bees* and *Small-Flying Moths*, close windows and doors and spray at the rate of 2 seconds per 1000 cubic feet of space. For best results,

keep area closed for 10 minutes after spraying. Do not remain in treated area and ventilate after treatment is completed.

TO TREAT LIVESTOCK: To protect beef cattle, dairy cattle, goats, sheep, hogs and horses from attacks of *Stable Flies, Horse Flies, Deer Flies, Face Flies, House Flies, Horn Flies, Mosquitoes*, and *Gnats:* Spray about 3 seconds on each side being careful to spray back, withers and forelegs thoroughly. To protect from *Face Flies*, spray the face and head, but do not spray into eyes. Repeat treatment when flies are troublesome.

FOR SWINE: Do not ship animals for slaughter within 5 days of last treatment.

TO CONTROL BLOOD SUCKING LICE: Apply to the infested areas of the animal, using a stiff brush to get the spray to the base of the hair. Repeat every 3 weeks if required.

TO CONTROL POULTRY LICE, spray roosts, walls and nests or cages thoroughly. This should be followed by spraying over the birds with a fine mist.

FOR CONTROL OF BEDBUGS AND MITES IN POULTRY HOUSES, spray crevices of roost poles, cracks in walls, and cracks in nests where the bedbugs and mites hide.

OUTDOORS:

Point spray nozzle away from face. Hold can on slight downward angle. For best results, spray when air is calm. Allow a few minutes for product to take effect. Spray with wind if breeze is blowing.

FLYING INSECTS: *Flies, Mosquitoes, Gnats, Small Flying Moths, Hornets, Wasps and Yellow Jackets.* Allow fog to drift over area. Direct spray toward bushes or grass from at least 4 to 6 feet away. Give special attention to breeding areas such as garbage cans and compost piles. Repeat as necessary.

MUD DAUBERS AND WASP NESTS: Spray mist directly on insects and their nests from approximately 2 feet away. Contacted insects will fly away from fog. Applications should be made in late evening when insects are at rest. Spray into hiding and breeding places contacting as many insects as possible.

CRAWLING INSECTS: *Ants, Cockroaches, including Asian Cockroaches, Crickets, Mole Crickets, Centipedes, and Silverfish.* Spray infested surface of patio or picnic area, hitting as many insects as possible. Also spray legs of tables and chairs to repel ants. Spray ant hills for best control.

**CARROLL COMPANY
2900 WEST KINGSLEY ROAD
GARLAND, TX 75041**