

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



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

EPA Reg. Number:

4691-122

Date of Issuance:

1995

Term of Issuance:

Conditional

Name of Pesticide Product:

Permethrin
Insecticide Spray

NOTICE OF PESTICIDE:
[X] Registration
Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Boehringer Ingelheim
2621 North Belt Highway
St. Joseph, MO 64506

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

- a. Add the phrase "EPA Registration No. 4691-122"
b. Add the following Precautionary Statements "Harmful if absorbed through skin. Harmful if inhaled. Causes moderate eye irritation. Remove contaminated clothing and wash before reuse."
c. Under HAZARDS TO HUMANS AND DOMESTIC ANIMALS delete "If lice infestation should occur on humans, use a registered product labeled for use on humans." FDA is now responsible for these types of products registered for use on humans.

Signature of Approving Official:

Date:

CONCURRENCES

Table with columns for SYMBOL, SURNAME, and DATE. Row 1: George T. LaRocca, Product Manager (13), 8/4/95

- d. Under Directions for Use change "Do not use in food areas of food handling establishments, restaurants or other areas where food is commercially prepared or processed." to "Do not use in food/feed areas of food/feed handling establishments, restaurants or other areas where food/feed is commercially prepared or processed."
- e. Under the precautionary statements for animals add "Do not apply to sick, aged pregnant or nursing animals."
- f. Delete third sentence under Environmental Hazards since this is an aerosol and has no equipment washwaters.
- g. Revise the statement under Directions to read "Nonfood/feed areas of food/feed handling establishments are areas such as xxxx."
- h. Delete processing and handling equipment on page 4.
- i. Use in food handling establishments can imply use in U.S. Department of Agriculture (USDA) Meat and Poultry Plants. Therefore, either add the statement: "Not for Use in USDA Meat and Poultry Plants," or submit an application to USDA requesting use in these areas. If granted, you can indicate on the label that the product can be used in these areas."
- j. To be exempted from the requirements of Worker Protection Standards qualify use on garden plants as follow:

"Directions For Use On Garden Plants (Residential Sites Only)."
- k. Note that the calculation for determining the weight of Permanone 11.5% Concentrate to be added to the formulation should be corrected by using "47.6 lbs." rather than "4.76%."
- l. Note that the Confidential Statement of Formula dated July 12, 1995 for the alternate formulation needs to be amended by specifying the total weight in Block 317 and changing the upper certified limit for the dye from "0.0011%" to "0.011%" under Column 14a.
- m. The chemical name for Permethrin as listed in the footnote to the ingredient statement should be revised as follows: "(3-Phenoxyphenyl) methyl (+)cis/trans-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropanecarboxylate."

BEST AVAILABLE COPY

3. Submit two (2) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed 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 constitutes acceptance of these conditions.

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

Enclosures

BEST AVAILABLE COPY

4/11

ACCEPTED
with COMMENTS
in EPA Letter Dated

DRAFT LABEL
BACK PANEL

10/11/95
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
this product is registered under EPA Reg. No.
4691-122

DRAFT

FRONT PANEL

(ANCHOR_LOGO)

PERMECTRIN® INSECTICIDE SPRAY

- AN AQUEOUS, STABLE MICRO EMULSION
- CONTROLS PESTS FOR UP TO FOUR WEEKS
- FOR USE IN HOMES AND OTHER BUILDINGS
- FOR USE ON BEDDING, FURNITURE AND OTHER INANIMATE OBJECTS INFESTED WITH LICE
- KILLS LICE AND THEIR EGGS
- FOR USE IN ANIMAL QUARTERS AND MILK ROOMS
- FOR USE ON LIVESTOCK
- CONTROLS INSECT PESTS ON BEEF CATTLE, DAIRY CATTLE, SHEEP, GOATS, HOGS AND HORSES
- KILLS AND REPELS FACE FLIES ON CATTLE
- FOR USE ON DOGS AND ON PREMISES TO CONTROL FLEAS AND TICKS
- CONTROLS FLEAS AND TICKS ON DOGS FOR 14 DAYS
- CONTROLS RESIDENTIAL, INDUSTRIAL AND GARDEN INSECTS

ACTIVE INGREDIENT

Permethrin* 0.50%

INERT INGREDIENTS 99.50%

TOTAL 100.00%

X *β-phenoxyphenyl) methyl (±) cis/trans-3-(2,2-dichloroethenyl)-2,2-dimethylcyclopropane-carboxylate. Cis/Trans ratio: Min. 35% (±) cis and max. 65% (±) trans.

**KEEP OUT OF THE REACH OF CHILDREN
CAUTION**

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Net Contents: 12 OUNCES

CODE: _____

Bar Code Area

(label revision code - front panel)

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DRAFT LABEL
BACK PANEL

BACK PANEL

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Harmful if swallowed. May be absorbed through the skin. Avoid breathing vapor or spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before smoking or eating. Avoid contamination of feed and foodstuffs. Remove pets and birds and cover fish aquaria before space spraying or surface applications. ~~This product is not for use on humans.~~ If lice infestation should occur on humans, use a registered product labeled for use on humans. Vacate room after treatment and ventilate before reoccupying. Do not allow children or pets to contact treated areas until surfaces are dry. *delete*

Animals: Do not spray directly in/on eyes, mouth or genitalia of pets. Do not treat or cause exposure to puppies less than four weeks old. **DO NOT USE ON CATS OR KITTENS.** *7*

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a 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 irritation persists.

IF IN EYES: Flush eyes with plenty of water. Contact a physician if irritation persists.

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. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters. *3*

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DRAFT LABEL
BACK PANEL

✓ **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.

DIRECTIONS FOR USE

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

SHAKE WELL BEFORE USING

Remove protective cap, hold container upright and spray from a distance of 12 to 15 inches except where stated otherwise. Remove birds and cover fish aquariums before spraying.

DIRECTIONS FOR USE IN HOMES AND OTHER BUILDINGS

Do not use in food areas of food handling establishments, restaurants or other areas where food 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.

In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Exposed food should be covered or removed.

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).

House Flies, Fruit Flies, Mosquitoes, Gnats, Wasps, Hornets, Bees, Black Flies, Skipper Flies, Blow Flies and Small Flying Moths: Close all doors and windows and spray room at the rate of 2 to 3 seconds per 1000 cubic feet. Direct spray to all parts of the room, especially windows and other light sources which attract these insects. Keep nozzle in constant motion. Repeat treatment as necessary.

DRAFT LABEL
BACK PANEL

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 whenever possible. Repeat treatment as necessary.

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

Indian Meal Moths, Angoumois 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. Keep area closed for 15 minutes following treatment. Repeat application as necessary.

Exposed stages of Confused Flour Beetles, Saw-Toothed Grain Beetles, Red Flour Beetles, Rice Weevils, Granary Weevils, Grain Mites: Spray into cracks and crevices, processing and handling equipment, around cartons or containers or other areas where these insects tend to congregate. Spray 30 seconds for each 100 square feet of surface. Keep area closed for 45 minutes to 1 hour after treatment. Repeat application as necessary. Infested stored food products in the home should be disposed of.

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.

To control Clothes Moths and Carpet Beetles on wood 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.

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DRAFT LABEL
BACK PANEL

DIRECTIONS FOR USE (CONT'D)

DIRECTIONS FOR USE IN HOMES AND OTHER BUILDINGS (CONT'D)

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 from 8 to 10 inches. Spray each square foot for three seconds. Spray including mattresses and furniture that cannot be either laundered or dry cleaned. Allow all sprayed articles to dry thoroughly before use.

DIRECTIONS FOR 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.

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.

DIRECTIONS FOR USE ON LIVESTOCK

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.

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.

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DRAFT LABEL
BACK PANEL

DIRECTIONS FOR USE (CONT'D)

DIRECTIONS FOR USE ON LIVESTOCK

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.

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

DIRECTIONS FOR USE ON DOGS AND THEIR PREMISES

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

DRAFT LABEL
BACK PANEL

DIRECTIONS FOR USE (CONT'D)

DIRECTIONS FOR USE ON DOGS AND THEIR PREMISES (CONT'D)

To control **Fleas, Ticks and Lice** on dogs: Starting at the tail, stroke against the lay of the hair, spraying the parted hair in short bursts, directly behind the hand to insure penetrating the coat. Dampen the fur up to the head. Repeat application weekly if necessary to control infestations. **NOTE: Do not treat or cause exposure to puppies less than four weeks old.**

DIRECTIONS FOR USE ON GARDEN PLANTS

For use on roses, dahlias, asters and other ornamentals to kill **Japanese Beetles hit by spray, as well as Whiteflies, Aphids, exposed Thrips, Spiders, Red Mites and Leafminers.**

May be used on plants, as well as a multi-purpose spray in small gardens and for spot treatments of incipient insect infestations to prevent spreading in large garden areas.

May also be used on other plants such as African violets, asters, azaleas, begonias, camellias, carnations, chrysanthemums, dahlias, delphiniums, dogwood, English ivy, euonymus, fuschia, geraniums, crassula, grape vine, Kentia palm, laurel, marigolds, rhododendrons, roses, rubber plants, snapdragons, stocks, wandering Jews and zinnias.

Effective when used as directed against **Whiteflies, aphids, Spiders and Red Mites, exposed Thrips, Lace Bugs, Japanese Beetles, Pavement Ants, Clover Mites and Army Worms.** When spraying plants do not operate closer than 18 inches. Use sweeping motion. Spray in one second bursts. Be cautious about wetting tender foliage, young plants and new growth. Do not spray plants when temperature exceeds 90°F. Contact insects directly whenever possible. Repeat treatment as infestations occur.

WPS

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DRAFT LABEL
BACK PANEL

✓ STORAGE AND DISPOSAL

✓ Store in a cool, dry area. Do not transport or store below 32° F.

✓ Replace cap, wrap container in several layers of newspaper. Discard in trash. Do not incinerate or punctures.

NOTICE OF WARRANTY

) BOEHRINGER INGELHEIM ANIMAL HEALTH, INC., MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR OTHERWISE, EXPRESSED OR IMPLIED CONCERNING THIS PRODUCT OR ITS USES WHICH EXTEND BEYOND THE USE OF THE PRODUCT UNDER NORMAL CONDITIONS IN ACCORD WITH THE STATEMENTS MADE ON THIS LABEL.

✓ EPA Reg. No.: 4691-XXX

✓ EPA Est. No.:
(lot number statements as needed)

Manufactured For
Anchor Division
{ Boehringer Ingelheim Animal Health, Inc.
St. Joseph, MO. 64506-2002 U.S.A.

) Mfg. & Printed in U.S.A. (label revision code -
back panel)