



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

EPA Reg. Number:

Date of Issuance:

64321-5

NOV 12 1997

Term of Issuance:

Conditional

NOTICE OF PESTICIDE:

- Registration
- Reregistration

Name of Pesticide Product:

BIO

KILL Brand
Insecticide Aerosol

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Bio-Enviromental Products Corporation
814 24th Street, N.E.
Canton, Ohio 44717-1904

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. 64321-5."

b. Under Direction for Use change "Federal Law" to "Federal law".

Signature of Approving Official:

Date:

c. Under Directions for Use change "Not for use in USDA meat and poultry plants" to read "Not for Use in USDA Federally inspected Meat and Poultry Plants."

d. Due to the toxicity of permethrin to bees and since this product has outdoor uses, add the following statement under Enviromental Hazards "This pesticide is toxic to honey bees and other beneficial pollinators exposed to an application. Do not apply when bees are actively visiting blooming plants (vegetables, flowers, fruit/ornamental trees). Do not allow this product to come in contact with beehives at anytime."

e. Under Enviromental Hazards change " Do not apply directly to any body of water." to "Do not apply directly to water."

f. The acute dermal study for EPA registration Number 64321-1 was accepted by the Agency, thus, changing the toxicity category from III to IV. Precautionary statements based on acute dermal exposure (i.e. "Harmful if absorbed through skin.") are no longer required for this product.

g. Since the Agency has not yet approved the amendment request to add dust mites to your label please delete "For Use on Carpeting as a control for Dust Mites" and the directions for use pertaining to dust mites.

h. Revise the third sentence under Indoor Application to read "Serving areas are areas where prepared foods are served such as dining rooms but excluding areas where foods are prepared or held."

i. 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 AND CATS." Change "Do not treat puppies less than four weeks old" to "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."

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

3 97

BIO KILL Brand Insecticide
Aerosol
Master Label
EPA Reg. No. 64321-L
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ACCEPTED
with COMMENTS
to EPA Letter Dated
NOV 12 1997
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
64321-5

BIO KILL Brand Insecticide
Aerosol

- * For Residential Use
- * WATER-BASED Permethrin Insecticide
- * ODORLESS in Application
- * For Use INDOORS: on Houseplants and in Indoor Landscape
- * For use Outdoors, In Homes and non-Food Areas of Food/Feed Processing Establishments, Hotels, Motels, Commercial Buildings, Schools, Warehouses, Theaters, Office Buildings and Kennels.
- * Will NOT Stain Water-Safe Fabrics and Surfaces.
- * For Use Indoors and Outdoors on a Wide Variety of Crawling and Flying Insects.
- * Use on DOGS and CATS To Control Fleas & Ticks
- * Provides Effective Broad Spectrum Control of Building and Garden Insect Pests.
- * For Use on Carpeting as a control for Dust Mites.
- * For Use on clothing and in storage closets and cupboards to control Moths.

ACTIVE INGREDIENT:

* Permethrin 0.25%

INACTIVE INGREDIENTS: 99.75%

100.00%

* (3-phenoxyphenyl) methyl (+/-) cis/trans 3-(2,2-dichloroethyl) 2,2-dimethyl-cyclopropanecarboxylate. Cis/trans ratio: Max. 28% (+/-) cis and min. 72% (+/-) trans.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See rear panel for additional precautionary statements.

Bio-Environmental Products, Corp.
768 Walker Road, Suite # 301
Great Falls, VA 22066

Net Contents:

96 OCT 23 P12:57

RECD EPA/OPP/OPD1

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Aerosol
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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.

INDOOR APPLICATION

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 prepared foods are served such as dining rooms but excluding areas where food may be prepared or held. The product may be used in non-food/feed areas of food/feed establishments such as garbage rooms, lavatories, floor drains (to sewer entries and vestibules), offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage areas (after canning or bottling).

In home, cover all food handling surfaces, cover or remove all food and cooking utensils or wash thoroughly after treatment.

Not for Use in USDA Meat and Poultry Plants.

Do not apply to classrooms while in use.

SURFACE SPRAYING

Provides control of crawling and flying household insect pests for up to 4 weeks.

To control Cockroaches, Waterbugs, Palmetto Bugs, Scorpions, Millipedes, Centipedes, Sowbugs, Pillbugs, Ants, Silverfish, Firebrates, Spiders, Crickets, Cigarette Beetles, Clover Mites, Cheese Mites, Granary Weevils, Rice Weevils, Confused Flour Beetles, Rust Red Flour Beetles, Drugstore Beetles, Meal Worms, Grain Mites and Cadelles: Direct the spray into hiding places, cracks and crevices, and behind shelves and drawers. For Silverfish, spray bookcases; for Ants, spray trails, nests and points of entry.

To control Carpet Beetles: Spray edges of carpeting and under carpeting and rugs. Make localized application to floor and under baseboards. Spray directly into cracks, crevices and infested areas of shelving. Repeat treatment as needed.

To control Dust Mites: Thoroughly dust and vacuum area to be treated. Apply spray to flooring, carpeting, upholstery, drapery or hanging clothing (always pretest fabrics for water spotting first) until surface is slightly damp. Allow to dry thoroughly. Vacuum entire area once dry. Repeat as needed or every two months.

AMENDMENT
REQUEST
MADE 10/10/9
OPP No. 23818

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To control **Bedbugs**: Also spray mattresses lightly, particularly around tufts and seams. Take beds apart and spray in all joints. Allow all sprayed articles to dry thoroughly before use.

To control **Fleas (adult and larvae) and ticks (adult and nymphs)**: Remove and thoroughly clean or destroy pet bedding. Spray pet sleeping quarters, beds, entire floor and floor covering with special attention to cracks and crevices around baseboards, and window and door frames. Infested upholstered furniture may also be treated with this product. Make a test application to upholstery or drapery fabrics in an inconspicuous place before use. Allow to dry thoroughly before allowing pest to contact treatment areas.

To control **Clothes Moths**: Remove and brush thoroughly any infested articles from storage and air for several hours in sunlight, if possible. Apply spray liberally to empty chests, closets, bureaus and other storage areas directing the spray into cracks, joints and crevices. After airing, infested articles may be treated lightly by keeping nozzle at least 3 feet from fabric to avoid possible staining. Allow all sprayed articles to dry thoroughly before use.

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. Spray from a distance of 8 to 10 inches. Treat only those garments and parts of bedding, including mattresses and furniture that cannot be either laundered or dry cleaned. Allow all treated articles to dry thoroughly before use.

OUTDOOR APPLICATIONS

FOR CONTROL OF GARDEN INSECTS

For use on roses, dahlias, asters and other ornamentals to control Japanese Beetles as well as Whiteflies, Aphids, Lace Bugs, Ants, Exposed Thrips, Spiders, Red Mites and Leafminers. May be used on plants in small gardens as a multi-purpose spray and for spot treatments of incipient insect infestations to prevent spreading into larger garden areas.

When spraying plants, do not hold nozzle closer than 18 inches. Use a sweeping motion. Be cautious about wetting tender foliage, young plants and new growth. Do not spray plants when temperature exceeds 90F. Contact insects directly whenever possible. Repeat treatment as infestations occur.

ON DOGS

To control **Fleas, Ticks, and Lice**: Start spraying at the tail, moving the sprayer rapidly and making sure that the animal's body is covered, including the legs and underbody. While spraying, fluff the hair so that the spray will penetrate to the skin. Make sure spray wets thoroughly. Do not spray into eyes or face. Avoid contact with genitalia. Repeat as necessary or every three weeks.

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ON CATS

To control **Fleas**: Start spray at the tail, moving the sprayer rapidly and making sure that the animal's body is covered, including the legs and underbody. While spraying fluff the hair so that the spray will penetrate to the skin. Make sure spray wets thoroughly. Do not spray into eyes or on face. Avoid contact with genitalia. Repeat as necessary or every 16 days.

NOTE: Not recommended for use on puppies less than four weeks old nor kittens less than 12 weeks old nor on old, sick or debilitated animals.

ON LIVESTOCK

To protect beef and dairy cattle, goats, sheep and horses from **Horn Flies, Face Flies, Mosquitoes and Gnats**: Apply a light mist sufficient to wet the surface of the hair. For face Flies, spray face and head, but do not spray into eyes.

To control **Stable Flies, Horse Flies and Deer Flies**: Apply at the rate of 2 ounces per animal, sufficient to wet the hair thoroughly. repeat treatment daily or at intervals necessary to give control protection.

To control **Blood-sucking Lice**: Apply to infested area 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. Follow by spraying over the bird with a fine mist.

To control **Bedbugs and Mites** in poultry houses: Spray crevices of roost poles, cracks in walls, and cracks in nest where the bedbugs and mites hide.

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STORAGE AND DISPOSAL

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

Pesticide Storage Procedures: Store upright at room temperature. Avoid exposure to extreme temperatures.

Container Disposal:
Wrap container and put in trash collection.

PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling.

STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN: Wash with plenty of soap and water. If irritation persists, see a doctor.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish and aquatic organisms. Do not apply directly to any body of water. Do not contaminate water when disposing of equipment wash water.

Buyer assumes all risks of use, storage or handling of this product in strict accordance with directions given herewith.