

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (75-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.

602-355

DATE OF ISSUANCE

MAY 13 1993

TERM OF ISSUANCE

Until Reregistration

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME OF PESTICIDE PRODUCT

Purina Brand Permethrin
Water-Base Spray

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Purina Mills, Inc.
P.O. Box 66812
St. Louis, MO 63166-6812

160/54353/10
18/1

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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) since you have agree to:

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

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

a. Add the phrase, "EPA Registration No. 602-355" before you release the product for shipment.

b. Revise the Precautionary Statements as follows:

Harmful if swallowed. May be absorbed through skin. Avoid inhalation of spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly after handling and before eating or smoking. Avoid contamination of feed and foodstuffs. Do not use on humans. Do not allow children or pets to contact areas until surfaces are dry.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

Mie 5/10/93

(continued)

Do not apply in classrooms when in use. Do not apply to institutions (including libraries, sports facilities, etc.) when occupants are present in the immediate area. Remove pets and birds and cover fish aquaria before surface applications. Do not use this product on old, sick or debilitated dogs.

c. Based upon the container size and the fact it is not pressurized, the label must carry a statement either limiting use to commercial applicators or providing for use of a spray/trigger attachment for indoor homeowner use, i.e.,:

Affix trigger, pump [or other type] sprayer to container for application. Do not transfer to another container.

We discourage indoor use of pesticides by the lay person unless it is ready to be applied as marketed (as in a pump spray or aerosol formulation). This prevents potential exposure to children and pets from ingesting/contacting the pesticide in containers such as coffee cans (for paint brush application) and spray cleaner bottles or tother similar containers which are commonly used by homeowners. Allowing homeowners to use containers other than the product container to apply the pesticide defeats the purpose of the label instructions, precautions, and first aid treatment, since the information would not be readily available for use should exposure occur.

d. Revise the statement on the front panel by changing "non-food areas of commercial buildings" to "non-food/feed areas..." Similarly, revise the paragraph beginning "Do not use in food areas..." by replacing "food" with "food/feed" as follows:

Do not use in food/feed areas of food/feed handling establishments, restaurants...where food/feed is commercially prepared or processed...

Then add the following:

Food/feed areas of commercial food/feed handling establishments where the product cannot be used include areas for receiving, serving, storage (dry, cold, frozen, raw), packaging (canning, bottling, wrapping, boxing), preparing (cleaning, slicing, cooking, grinding), edible waste storage, enclosed processing systems (mills, dairies, edible oils, syrups).

e. 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 then indicate on the label that the product can be used in these areas.

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e. The storage and disposal statements are not appropriate for a 16 oz. container. Refer to Pr-Notice 83-3 and 84-1 for guidance. The statement may simply read:

Do not contaminate water, food, or feed by storage or disposal. Do not reuse container. Wrap container in several layers of newspaper and discard in trash.

5. Submit 5 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 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.

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Enclosures

Reason For Issue: New product

Date Issued: 10/6/92 (Green)

Prev. Date Issued: None

Document Name: PERMETHR.IN

4077

9-Square Logo

(3-Row Checkerband)
EPA Reg. No. 602-

PURINA
BRAND

PERMETHRIN WATER-BASE SPRAY

A Concentrated Permethrin Stable Emulsion

To protect cattle (beef and dairy), goats, sheep, hogs, and horses from horn flies, face flies, house flies, mosquitos and gnats.

For use outdoors and in homes, kennels and non-food areas of commercial buildings, warehouses, theaters, office buildings, schools, motels, hotels, and food/feed processing establishments.

ACTIVE INGREDIENT:

*Permethrin	0.50%
INERT INGREDIENTS.....	99.50%
	100.00%

*(3-phenoxyphenyl) methyl (+/-) cis/trans 3-(2, 2-dichloroethenyl) 2, 2-dimethylcyclopropanecarboxylate. Cis/trans ratio: min. 35% (+/-) cis and max. 65% (+/-) trans.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See rear panel for use cautions.

SHAKE WELL BEFORE USING

NET 16 OZ.

Manufactured By
PURINA MILLS, INC.
P. O. Box 66812
St. Louis, Missouri 63166-6812 U.S.A.

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAY 13 1993

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

[Signature]

DIRECTIONS FOR USE

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

Do not use this product in or on electrical equipment due to the possibility of shock hazard.

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).

ON LIVESTOCK: To protect cattle (beef and dairy), goats, sheep, hogs and horses from horn flies, face flies, house 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 a rate of 2 ounces per adult animal, sufficient to wet the hair thoroughly. Repeat treatment daily or at intervals necessary to give continued protection.

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.

TO CONTROL BEDBUGS AND MITES IN POULTRY HOUSES: Spray crevices of roost poles, cracks in walls, and cracks in nests where the bedbugs and mites hide.

ON DOGS: To control fleas, ticks and lice: Start spraying at the tail, moving the dispenser rapidly and making sure that the animal's entire 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. Wear a mitt or glove. Do not spray into eyes and face. Avoid contact with genitalia. Repeat as necessary.

NOTE: Not recommended for use on puppies less than four weeks old.

SURFACE/PREMISE SPRAYING

To control cockroaches, waterbugs, palmetto bugs, scorpions, millipedes, centipedes, sowbugs, pillbugs, ants, silverfish, firebrats, spiders, crickets, clover mites, cheese mites, granary weevils, rice weevils, confused flour beetles, rust and flour beetles, drugstore beetles, meal worms, grain mites and cadelles: Direct the spray into hiding places, cracks and crevices, behind shelves and drawers. For silverfish, spray bookcases. For ants, spray trails, nests and point of entry.

TO CONTROL CARPET BEETLES: Spray edges of carpeting and under carpeting and rugs. ⁶⁰⁴⁷ Make localized application to floor and baseboards. Spray directly into cracks, crevices and infested area of shelving. Repeat treatment as needed.

TO CONTROL BEDBUGS: Spray mattresses lightly, particularly around tufts and seams. Allow mattress to dry thoroughly before use. Take beds apart and spray in all joints. Treat baseboards, moldings and floors. Repeat treatment as needed.

TO CONTROL FLEAS AND TICKS (ADULTS AND LARVAE): Thoroughly spray infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, moldings, window and door frames, and entire areas of floor and floor covering. Fresh bedding should be placed in animal quarters following treatment. Repeat treatment as needed.

TO CONTROL CLOTHES MOTHS: Remove any 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 lightly, keeping nozzle at least three feet from fabric to avoid staining. Allow articles to dry thoroughly before using.

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 APPLICATION

FOR CONTROL OF GARDEN INSECTS: 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 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, dogwoods, English ivy, Kentia palms, laurels, marigolds, rhododendrons, roses, rubber plants, snapdragons, stocks, wandering Jews and zinnias.

Effective when used as directed against whiteflies, aphids, spider 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, using sweeping motion. Be cautious about wetting tender foliage, young plants and new growth. Do not spray plants when temperatures exceed 90°F. Contact insects directly whenever possible. Repeat treatment as infestations occur.