

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: REGISTRATION REREGISTRATION <i>Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended.</i>	EPA REGISTRATION NO. 160-326	DATE OF ISSUANCE DEC - 8 1993
	TERM OF ISSUANCE EPA Registration	
	NAME OF PESTICIDE PRODUCT EPA REG. NO. 160-326; REG. NO. 160-326	

NAME AND ADDRESS OF REGISTRANT (include ZIP code)

160 / 18 | 224283 / 2

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 here with.

Registration is in no way to be construed as an endorsement or approval of the 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.

1. The registrant shall, not later than 180 days after the date of registration with the Agency, submit a copy of the label to the Agency for review.

2. The registrant shall, not later than 180 days after the date of registration, submit a copy of the label to the Agency for review.

3. Make the labeling changes indicated below before you market the product for sale:

- Add the phrase "EPA Registration No. 160-326."
- Add "of" between BUILDING APPLICATOR and COMMERCIAL BUILDINGS on the front panel. Delete the other applicator buildings.
- Change ACTIVE INGREDIENTS to the following.
- Although the label states "Ready to use," if the product applies from the original container, the label should indicate use of pesticides by the layperson and they are ready to be applied as marketed (as in a pump spray or aerosol formulation). This prevents potential exposure to children and pets from misting/contacting the pesticide in containers such as coffee cans (for paint brush application) and when used on other similar bottles which are commonly used in the home.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL DATE

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.

- e. Add "Allow mattress to dry thoroughly before use" in the BED BUG section.
- f. Add "Allow articles to dry thoroughly before using" in the CLOTHES MOTH section.
- g. Change "pray" to "spray" in the BLOOD-SUCKING LICE section.
- h. Add "Wear a mitt or glove" to the ON DOGS section.
- i. Change "Do not apply directly to lakes, etc." to "Do not apply directly to water."
- j. Change "Do not contaminate water, etc." to "Do not contaminate water when disposing of equipment washwaters."
- k. Add a STORAGE statement to the STORAGE and DISPOSAL block.
- l. Since your data matrix does not give a dielectrical breakdown voltage, you must add the following to the use directions:

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

- m. Add the following use limitations under Directions for Use:

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).

3. You indicate that metal containers are used. Storage stability and corrosion studies must be submitted for those types of containers.

4. Storage stability study results at varied temperature testing with corrosion study observations should be submitted.

5. Submit five (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 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.

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

Enclosures

P.S.: 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.

REASON FOR ISSUE:
New Product for submission.

Date Issued: 8/13/88 (Green)
Prev. Date Issued: None

9-Square Logo®

ACCEPTED
WITH COMMENTS
DATE: 8/13/88

DEC 6 1988

icide,
Antas
icide
Registered under EPA Reg. No.
602-306

PURINA®

HARD HITTER AQUEOUS SPRAY^R
BRAND

A Concentrated Permethrin Stable Emulsion

Ready to Use

Hard Hitter Aqueous Spray^R Ready To Use

For use outdoors and in homes, kennels and non-food areas. Commercial buildings: warehouses, theaters, office buildings, schools, motels, hotels, and food/feed processing establishments. To protect cattle (beef and dairy), goats, sheep, hogs, and horses from horn flies, face flies, house flies, mosquitos and gnats.

For Control of Fleas, Brown Dog Ticks and Lice on Premises and on Dogs

Controls Fleas and Ticks on Dogs for 35 Days

Aids in Control of Ticks on Dogs for an Additional 2 Weeks

ACTIVE INGREDIENTS:

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

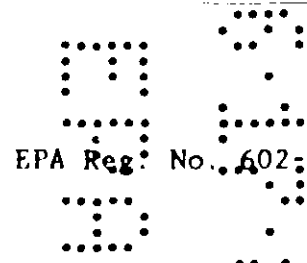
*(3-phenoxyphenyl) methyl (+/-) cis/trans 3-(2, 2-dichloroethenyl) 2, 2-dimethylcyclopropanecarboxylate. Cis/trans ratio: min. 35% (+/-) cis and max. 65% (+/-) trans.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See rear panel for use cautions.

NET 16 OZ (1 PT)



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

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

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 red 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 ports of entry.

TO CONTROL CARPET BEETLES: Spray edges of carpeting and under carpeting and rugs. 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. 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.

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.

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. 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.

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.

STORAGE AND DISPOSAL

Container Disposal : Do not reuse empty bottle. Wrap container and put in trash collection.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Avoid contamination of feed and foodstuffs. Remove pets and birds, and cover fish aquaria before space spraying or surface applications.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed : Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Call a physician immediately. Do not induce vomiting or give anything by mouth to an unconscious person.

If On Skin: Remove contaminated clothing and wash affected areas with soap and water.

If In Eyes : Flush eyes with plenty of water. Call a physician if irritation persists.

If Inhaled: Remove affected person to fresh air. Apply artificial respiration if indicated.

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish. Do not apply directly to lakes, ponds, streams, tidal marshes or estuaries. Do not contaminate water by cleaning of equipment or disposal of wastes.

Buyer assumes all risks of use, storage or handling of this product not in strict accordance with directions given herewith.