



HARD HITTER[®] **BRAND** **AQUEOUS SPRAY**

A Concentrated Permethrin Stable Emulsion

EPA Reg. 602-326

To protect cattle (beef and dairy), goats, sheep, hogs, and horses from horn flies,
face flies, house flies, mosquitoes 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	<u>99.50%</u>
	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 2½ GAL

D-3955

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



NOT REPRODUCIBLE
In accordance with the National
Drug Code of 1974, 12-8-85

DIRECTIONS FOR USE

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 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 point 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. 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.

STORAGE AND DISPOSAL

Storage: Do not store near food or feed. Store in an area inaccessible to children. Protect from freezing.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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 water. Do not contaminate water when disposing of equipment washwaters.

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

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NOT REVIEWED
in accordance with FR Notice
of draft labeling

