

PM 03

16-173

8/14/97

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

EPA Reg. Number:

16-173

Date of Issuance:

AUG 14 1997

Term of Issuance:

Conditional

NOTICE OF PESTICIDE:

Registration
 Reregistration

Name of Pesticide Product:

Dragon .25%
Permethrin RTU

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Dragon Corporation
P.O. Box 7311
Roanoke, Va 24019-7311

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. 16-173".

b. Following the statement "Shake Well Before Using" add "Adjust nozzle to spray position. Do not transfer pesticide to another container.".

Signature of Approving Official:

Date:

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c. On the front panel "New" can be used for only six months from the date of this registration.

d. On the front panel delete "Quickly Kills on contact", "Keeps on Killing for Weeks" and "Controls ticks that carry Lyme disease".

e. On the front panel change "For Indoor and Outdoor Use" to "For Residential Indoor/Outdoor Use only".

f. Under Where to Use: Use indoors add "Do not use as a space spray indoors."

g. Under Enviromental Hazards change "This product is toxic to Fish." to "This product is extremely toxic to fish."

h. Since you did not change use of this product on young dogs from four to twelve weeks we assume you have domestic animal safety data to support the four week claim. If this is not the case change to twelve weeks.

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.

Enclosures

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[FRONT PANEL]

DRAGON®
.25% Permethrin RTU

For Residential Indoor/Outdoor Use Only

Nothing Beats the Dragon!

Ready-to-Use!

New

For Indoor and Outdoor Use

For Dogs Too!

For Indoor and Outdoor Flea & Tick Control

Kills ants, cockroaches, fleas, ticks, spiders and others listed

Provides 60-day (2 months) control of cockroaches

Quickly Kills on Contact

Keeps on Killing for Weeks

Kills scorpions too

Kills fleas & ticks

Provides 60-day (2 months) control of fleas

Kills fleas & ticks and keeps on killing for up to 35 days

Controls ticks that can carry Lyme disease.

Controls fleas and ticks on dogs for 35 days

Aids in control of ticks on dogs for an additional 2 weeks

Use in Cracks & Crevices, along Baseboards, in Cabinets and Closets and in Pet Quarters

Kills Stable Flies, Horn Flies and Face Flies

Kills Even Hidden Bugs

Kills fleas in carpets

ACTIVE INGREDIENT:

*Permethrin 0.25%

INERT INGREDIENTS: 99.75%

TOTAL: 100.0%

*(3-phenoxyphenyl) methyl (+/-) cis/trans 3-(2,2-dichloroethenyl) 2,2-dimethylcyclopropanecarboxylate.

Cis/trans ratio: min. 35% (+/-) *cis* and max. 65% (+/-) *trans*.

[NOTE TO EPA: Front panel of label may include graphics representing product use; e.g., insects controlled]

Keep Out of Reach of Children

CAUTION

See back/side/other panel(s) for additional precautionary statements.

ACCEPTED
with COMMENTS
in EPA Letter Dated

NET CONTENTS 1 QT (32 FL OZ)/ 1 GAL (128 FL OZ)

AUG 14 1997

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

16-173

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[BACK/SIDE/OTHER PANEL(S)]

VERSION A (text "lined-out" format)

DIRECTIONS FOR USE

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

To kill ants, aphids, armyworms, bed bugs, blood-sucking lice, cadelles, carpet beetles, centipedes, cheese mites, clothes moths, clover mites, cockroaches, confused flour beetles, crickets, deer flies, exposed thrips, face flies, firebrats, fleas (adult and larvae), gnats, granary weevils, horn flies, house flies, Japanese beetles, lace bugs, leafminers, lice and louse eggs, millipedes, mites, mosquitoes, palmetto bugs, pavement ants, pillbugs, poultry lice, red mites, rice weevils, rust red flour mites, scorpions, silverfish, sowbugs, spiders, stable flies, ticks, waterbugs, and whiteflies on listed sites.

WHERE TO USE:

Use *indoors* for spot application only to floors and baseboards, under carpeting and rugs, along cracks and crevices, behind shelves and drawers, around window and door frames, on pet bedding and resting areas and other areas where listed insects may hide.

Use *outdoors* around windows and doors, porches, screens, eaves and other areas where listed insects may gain access into the house.

Use on *roses, flowers and ornamentals* as a multi-purpose spray in small gardens and for spot treatments.

Use on *domestic animals* (dogs and horses) as a direct application to control listed insects.

Use on stables, pet bedding, and in and around resting quarters.

HOW TO USE: SHAKE WELL BEFORE USING!

INDOORS

Kills and provides 60-day (2 months) control of ants, cadelles, centipedes, cheese mites, clover mites, cockroaches, confused flour beetles, crickets, drugstore beetles, firebrats, grain mites, granary weevils, meal worms, millipedes, palmetto bugs, pillbugs, rice weevils, rust red flour beetles, scorpions, silverfish, sowbugs, spiders, and waterbugs. For spot application only. Do not use as a space spray indoors. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Exposed food/feed should be covered or removed. For surface spraying, 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 kill **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 areas of shelving. Repeat treatment as needed.

To kill **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 kill **fleas (adult and larvae) and ticks** 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. Allow to dry thoroughly before allowing pets to contact treated areas. Treat pets with an insecticide labeled for direct use on animals (see direct treatment for dogs below) prior to allowing pets to return to treated areas.

To kill **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 and before returning articles to storage, articles may be treated lightly, keeping nozzle at least 3 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 8-10 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.

OUTDOORS

To kill **ticks** apply as a perimeter treatment until surface is wet. Spray around windows and doors, porches, screens, eaves, patios, garages, under stairways and crawl spaces where pests may enter. Treat a band of vegetation and leaf litter 6-10 feet wide around the outside of buildings and in outdoor activity areas, especially where dense vegetation occurs.

ROSES, FLOWERS & ORNAMENTALS

AFRICAN VIOLETS, ASTERS, AZALEAS, BEGONIAS, CAMELLIAS, CARNATIONS, CHRYSANTEHMUMS, CRASSULA, DAHLIAS, DELPHINIUMS, DOGWOODS, ENGLISH IVY, EUONYMUS, FUSCHIA, GERANIUMS, GRAPE VINES, KENTIA PALMS, LAURELS, MARIGOLDS, RHODODENDRONS, ROSES, RUBBER PLANTS, SNAPDRAGONS, STOCKS, WANDERING JEWS, ZINNIAS and other flowers and ornamentals: To kill **Japanese beetles** hit by direct spray, as well as **aphids, armyworms, clover mites, exposed thrips, lace bugs, leafminers, pavement ants, red mites, spiders, and whiteflies** hold sprayer at least 18 inches from plant and spray with a sweeping motion. Be careful in wetting tender foliage, young plants and new growth. Do not spray plants when temperatures exceed 90°F. Contact insects directly with spray whenever possible. Repeat treatment as infestations occur.

DOMESTIC ANIMALS

READ ENTIRE LABEL BEFORE EACH USE. USE ONLY ON DOGS AND HORSES. DO NOT USE ON CATS OR KITTENS. Consult a veterinarian before using this product on debilitated, aged, pregnant, nursing or medicated 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.

DOGS: To kill **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, but do not saturate the animal. Do not spray into eyes or face. Avoid contact with genitalia. Use protective gloves or mitts when applying product. Do not repeat treatment for 1 week. Not recommended for use on puppies less than four weeks old.

HORSES & STABLES: To kill **horn flies, face flies, house flies, mosquitoes and gnats** apply as 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 kill **stable flies, horse flies and deer flies** apply at a rate of 2 oz. 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. Thoroughly spray infested areas of stables, nearby cracks and crevices, moldings, and entire areas of floor. Allow to dry thoroughly before allowing animal to contact treated areas.

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STORAGE: Store only in original container, in a cool, dry place inaccessible to children and pets and away from feed and foodstuffs.

PESTICIDE DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse empty container. Discard container in trash.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Wash thoroughly after handling and before smoking or eating. Avoid contamination of feed and foodstuffs. Remove pets and birds and cover fish aquaria before surface applications. Do not use on humans. Do not allow children or pets to contact treated areas until surfaces are dry.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters.

NOTE: Buyer assumes all risks of use, storage or handling of this product not in strict accordance with label DIRECTIONS and PRECAUTIONS.

Distributed by
DRAGON CORPORATION
Roanoke, VA 24019

VERSION B (table format)

DIRECTIONS FOR USE

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

To kill ants, aphids, armyworms, bed bugs, blood-sucking lice, caddisflies, carpet beetles, centipedes, cheese mites, clothes moths, clover mites, cockroaches, confused flour beetles, crickets, deer flies, exposed thrips, face flies, firebrats, fleas (adult and larvae), gnats, granary weevils, horn flies, house flies, Japanese beetles, lace bugs, leafminers, lice and louse eggs, millipedes, mites, mosquitoes, palmetto bugs, pavement ants, pillbugs, poultry lice, red mites, rice weevils, rust red flour mites, scorpions, silverfish, sowbugs, spiders, stable flies, ticks, waterbugs, and whiteflies on listed sites.

WHERE TO USE:

Use *indoors* for spot application only to floors and baseboards, under carpeting and rugs, along cracks and crevices, behind shelves and drawers, around window and door frames, on pet bedding and resting areas and other areas where listed insects may hide.

Use *outdoors* around windows and doors, porches, screens, eaves and other areas where listed insects may gain access into the house.

Use on *roses, flowers and ornamentals* as a multi-purpose spray in small gardens and for spot treatments.

Use on *domestic animals* (dogs and horses) as a direct application to control listed insects.

Use on stables, pet bedding, and in and around resting quarters.

HOW TO USE: SHAKE WELL BEFORE USING!

INDOORS

For spot application only. Do not use as a space spray indoors. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Exposed food/feed should be covered or removed.

To Kill:	Directions:
<p>And provide 60-day (2 months) control of: Ants, Cadelles, Centipedes, Cheese mites, Clover mites, Cockroaches, Confused flour beetles, Crickets, Drugstore beetles, Firebrats, Grain mites, Granary weevils, Meal worms, Millipedes, Palmetto bugs, Pillbugs, Rice weevils, Rust red flour beetles, Scorpions, Silverfish, Sowbugs, Spiders, and Waterbugs</p>	<p>For surface spraying, 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.</p>
<p>Carpet beetles</p>	<p>Spray edges of carpeting and under carpeting and rugs. Make localized application to floor and baseboards. Spray directly into cracks, crevices and infested areas of shelving. Repeat treatment as needed.</p>
<p>Bedbugs</p>	<p>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.</p>
<p>Fleas (adult and larvae) and Ticks</p>	<p>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. Allow to dry thoroughly before allowing pets to contact treated areas. Treat pets as directed prior to allowing pets to return to treated areas. (see direct treatment for dogs below)</p>
<p>Clothes moths</p>	<p>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 and before returning articles to storage, articles may be treated lightly, keeping nozzle at least 3 feet from fabric to avoid staining.</p>

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INDOORS	
<p>For spot application only. Do not use as a space spray indoors. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Exposed food/feed should be covered or removed.</p>	
To Kill:	Directions:
<p>Lice and Louse eggs</p>	<p>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 8-10 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.</p>

OUTDOORS	
To Kill:	Directions:
<p>Ticks</p>	<p>Apply as a perimeter treatment until surface is wet (approximately 1 gal/750-1000 ft.). Spray around windows and doors, porches, screens, eaves, patios, garages, under stairways and crawl spaces where pests may enter. Treat a band of vegetation and leaf litter 6-10 feet wide around the outside of buildings and in outdoor activity areas, especially where dense vegetation occurs.</p>

ROSES, FLOWERS & ORNAMENTALS		
Use on:	To Kill:	Directions:
<p>African violets, Asters, Azaleas, Begonias, Camellias, Carnations, Chrysanthemums, Crassula, Dahlias, Delphiniums, Dogwoods, English ivy, Euonymus, Fuschia, Geraniums, Grape vines, Kentia palms, Laurels, Marigolds, Rhododendrons, Roses, Rubber plants, Snapdragons, Stocks, Wandering Jews, Zinnias and other flowers and ornamentals</p>	<p>Japanese beetles (hit by direct spray), Aphids, Armyworms, Clover mites, Exposed thrips, Lace bugs, Leafminers, Pavement ants, Red mites, Spiders, Whiteflies</p>	<p>Hold sprayer at least 18 inches from plant and spray with a sweeping motion. Be careful in wetting tender foliage, young plants and new growth. Do not spray plants when temperatures exceed 90°F. Contact insects directly with spray whenever possible. Repeat treatment as infestations occur.</p>

DOMESTIC ANIMALS

READ ENTIRE LABEL BEFORE EACH USE. USE ONLY ON DOGS AND HORSES. DO NOT USE ON CATS OR KITTENS. Consult a veterinarian before using this product on debilitated, aged, pregnant, nursing or medicated 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.

Use on:	To Kill:	Directions:
Dogs	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, but do not saturate the animal. Do not spray into eyes or face. Avoid contact with genitalia. Use protective gloves or mitts when applying product. Do not repeat treatment for 1 week. Not recommended for use on puppies less than four weeks old.
Horses & Stables	Horn flies, Face flies, House flies, Mosquitoes and Gnats	Apply as a light mist sufficient to wet the surface of the hair. For face flies, spray face and head, but do not spray into eyes. Thoroughly spray infested areas of stables, nearby cracks and crevices, moldings, and entire areas of floor. Allow to dry thoroughly before allowing animal to contact treated areas.
	Stable flies, Horse flies and Deer flies	Apply at a rate of 2 oz. per adult animal, sufficient to wet the hair thoroughly. Repeat treatment daily or at intervals necessary to give continued protection Thoroughly spray infested areas of stables, nearby cracks and crevices, moldings, and entire areas of floor. Allow to dry thoroughly before allowing animal to contact treated areas.
	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. Thoroughly spray infested areas of stables, nearby cracks and crevices, moldings, and entire areas of floor. Allow to dry thoroughly before allowing animal to contact treated areas.

STORAGE: Store only in original container, in a cool, dry place inaccessible to children and pets and away from feed and foodstuffs.

PESTICIDE DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse empty container. Discard container in trash.

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PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION: Wash thoroughly after handling and before smoking or eating. Avoid contamination of feed and foodstuffs. Remove pets and birds and cover fish aquaria before surface applications. Do not use on humans. Do not allow children or pets to contact treated areas until surfaces are dry.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters.

NOTE: Buyer assumes all risks of use, storage or handling of this product not in strict accordance with label DIRECTIONS and PRECAUTIONS.

Distributed by DRAGON CORPORATION, Roanoke, VA 24019