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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

JAN 28 1991

LaRoche Industries, Inc.
1100 Johnson Ferry Road N.E.
Atlanta, GA 30342

Attention: C.D. Gunderson

Gentlemen:

Subject: Remethrin Registration Standard
Vertagreen Flea & Tick Pet Spray
EPA Reg. No. 3442-862
Your submission received April 11, 1989

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

Your "Storage and Disposal" statement should be relocated under the Directions for Use paragraph.

Add the statement "Ventilate area for 2 hours before returning patients" after the existing statement "In hospitals, patients should be removed prior to treatment".

In addition, include "Do not apply while food processing is underway" after the existing statement "Do not use in serving areas while food is exposed".

Sincerely yours,

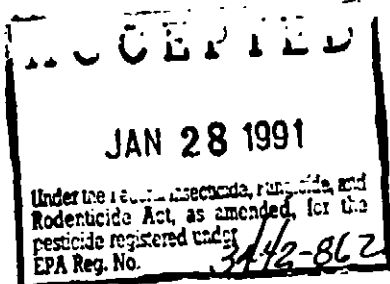
Richard F. Mountfort
Product Manager (10)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

BEST AVAILABLE COPY

Vertagreen Flea & Tick Pet Spray - 1 Qt.

Copy for Front Panel

Flea & Tick
Pet Spray



READY
TO
USE
(Starburst)

For Use On CATS And DOGS

And On Premises To Control Fleas and Ticks

ACTIVE INGREDIENTS:	By Weight
*Resmethrin.....	0.25%
INERT INGREDIENTS:.....	99.75%
TOTAL:.....	100.00%

* Cis/trans isomers ratio max. 30% (+) cis and min. 70% (+) trans.

EPA Reg. No. 3442-862

EPA Est. No. 3442-FL-2

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side Panel for Additional Precautionary Statements

NOTE: Regarding above copy, minimum type size is:
18 Pt. for CAUTION
12 Pt. for KEEP OUT OF REACH OF CHILDREN

NET CONTENTS 1 QUART (32 FL. OZ.)



Copy for Side Panel

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Harmful if swallowed. Avoid contact with eyes, skin or clothing. Avoid contamination of feed and food stuffs. Remove pets, birds, and cover fish aquariums before space spraying. Do not use on edible crops. Do not remain in treated areas. Ventilate the area when treatment is complete.

Vertagreen Flea & Tick Pet Spray - 1 Qt.

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Copy for Front Panel

Flea & Tick
Pet Spray

READY
TO
USE
(Starburst)

For Use On CATS And DOGS

And On Premises To Control Fleas and Ticks

ACTIVE INGREDIENTS:	By Weight
*Resmethrin [5-(phenylmethyl)-3-furanylmethyl 2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate.....	0.25%
INERT INGREDIENTS:.....	<u>99.75%</u>
TOTAL:.....	100.00%

* Cis/trans isomers ratio max. 30% (+) cis and min. 70% (+) trans.

EPA Reg. No. 3442-862

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ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to fish. Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). Drift and runoff from treated sites may be hazardous to fish in adjacent waters. Do not contaminate water when disposing of equipment washwaters.

PHYSICAL AND CHEMICAL HAZARDS

Do not apply this product in conduits, motor housings, junctions, switch boxes or other electrical equipment because of possible shock hazard.

STORAGE AND DISPOSAL

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

STORAGE: Do not store this water-base formulation at temperatures below 32°F (0°C).

CONTAINER DISPOSAL: For Containers 1 Gallon and Under: Do not reuse empty container. Wrap container and place in trash collection.

PESTICIDE DISPOSAL: Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, State or Local procedures.

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Induce vomiting by sticking finger in back of throat or by administration of syrup of Ipecac. Get medical attention.

If in Eyes: Flush with water for 15 minutes. Get medical attention if irritation develops or persists.

If on Skin: Wash with plenty of soap and water. Get medical attention if irritation develops.

NOTICE - LaRoche Industries Inc. can accept no responsibility for injury to persons or for loss or damage to property resulting from failure to follow directions for use or to observe cautions printed on this package.

DIRECTIONS FOR USE

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

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Vertagreen Flea & Tick Pet Spray - 1 Qt.

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OUTDOORS

PESTS OUT-OF-DOORS: DO NOT TREAT OR ALLOW THE 0.25% SPRAY TO CONTACT PLANTS (Lawns, Flowering Plants, Shrubs, Trees, Evergreens, etc.) BECAUSE OF POSSIBLE INJURY.

TO KILL HOUSE FLIES, MOSQUITOES, GNATS (Midges), DEER FLIES, STABLE FLIES, CLUSTER FLIES, FLYING MOTHS (Millers), FRUIT FLIES: Spray resting areas to reduce annoyance from these pests. Follow precautions listed above. Hold container 18 to 24 inches (46 to 61 cm) from the areas to be treated. Spray these areas with a slow, sweeping motion at the rate of 1 to 3 seconds per cubic yard of space (0.76 cu.m) while moving away from the treated areas. Treat open porches and patios in a similar manner. Spray only when air is still. Allow spray to dissipate before occupying the treated areas. Repeat as necessary.

WASPS, HORNETS, YELLOW JACKETS, BEES: Same as directed above for indoor use. Application should be made in the late evening when insects are at rest. Aim spray at nest openings in cracks and crevices which may harbor pests, saturating nest openings and contacting as many insects as possible. Repeat as necessary.

ANTS AND FLEAS: Same as directed for indoor use.

CRICKETS, SILVER FISH, EARWIGS, SPIDERS, SOWBUGS, CENTIPEDES, AND MILLIPEDES: Same as directed for indoor use.

FIRE ANTS: Kills and temporarily reduces annoyance of these insects. To reduce annoyance from these ants and keep them from entering homes, spray patios, barbecue areas, driveways, door sills, window sills, other entrance areas, foundations of buildings, ant trails, mounds, around pools and areas where the ants are noticed. Spray until the area is wet, contacting as many insects as possible. This treatment will not kill the colonies but will reduce the immediate population for up to four hours. Repeat as necessary. Avoid contacting plants, shrubbery and large areas of lawns.

INDOORS

May be used in edible product areas of food processing plants, restaurants, or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed. In the home, cover all food handling surfaces and cover or remove all food and cooking utensils.

For use in non-food areas of food handling establishments in and around premises of commercial, industrial, office, residential, public, institutional and storage buildings, hotels, motels, homes, preschools, nurseries, day camps, seed houses, packaging and processing plants, milk handling areas of milk, cheese and ice cream plants, milk storage rooms, egg processing plants, supermarkets, restaurants, bottling plants, canneries, flour and feed mills, bakeries, boats, ship cabins and hospitals.

In hospitals, patients should be removed prior to treatment. Also for use in campers, mobile homes, buses, automobiles, trucks, boxcars, and ship cargo holds. Also for use in dog kennels and horse stables. In horse stables, not for application if horses will be used for food.

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Do not use on electrical equipment or on surfaces that can be harmed or stained by water.

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SPACE SPRAY: Remove or cover plants. Do not allow the undiluted spray to contact plants because of possible injury.

FLYING INSECTS: To kill house flies, deer flies, stable flies, gnats, cluster flies, vinegar flies, mosquitoes, fruit flies, flying moths (millers): Apply as a space spray. Mix well before using. Fill spray tank. Adjust pressure and nozzle to deliver a fine mist spray. Close all doors and windows. Point nozzle upward and direct the spray mist to all parts of the room, especially windows and other light sources which attract these insects. Keep the spray nozzle at all times at least four feet (1.2 m) from fabrics to avoid wetting or staining. Fill the room with mist at the dosage of one fluid ounce per 1000 cu ft of space (30 ml per 28.3 cu m). Then leave the treated area. Keep the room closed for at least 15 minutes. Ventilate the room when treatment is completed and before re-entry.

CRAWLING INSECTS: To kill fleas, cockroaches (waterbugs), crickets, silverfish, earwigs, spiders, sowbugs, centipedes, millipedes, grain mites and grain insects (adult and accessible stages of confused flour beetles, red flour beetles, sawtoothed grain beetles, cigarette beetles, shiny spider beetles, carpet beetles, grain weevils, Angoumois grain moths). Apply as a contact spray. Mix well before using. Fill spray tank with spray dilution. Keep spray nozzle about 8 to 12 inches (20 to 30 cm) from surface to be treated. Adjust pressure and nozzle to deliver a coarse spray with particle size larger than that of the average aerosol. Spray thoroughly into hiding places such as cracks, crevices, moist areas, openings around pipes and sinks, under refrigerators, baseboards, storage areas and other insect harborage areas. Spray directly on insects where possible. Repeat as necessary.

TO KILL SPIDERS: Spray directly on these pests and use repeated applications to the webbing and all cracks and crevices which harbor spiders.

TO KILL ANTS: Spray doors, around window frames, ant trails and hills.

TO KILL BEDBUGS: Apply as a spot treatment to cracks and crevices around baseboards, floorboards, bedboards and walls. First thoroughly clean and air mattresses and springs. Then spot treat only areas that may harbor bedbugs, concentrating on tufts, folds and seams. Repeat as necessary. For persistent infestation, consult professional applicator.

TO KILL FLEAS AND TICKS ON DOGS, CATS AND PREMISES: Apply directly to animals along back, under forelegs and on other areas except scrotum and anus. Part hair to contact skin and insure good coverage. Hold nozzle about one foot (0.3 m) away while spraying. Apply until hair is thoroughly moist. Do not spray directly in eyes or mouth of animal. Repeat within 24 hours of first treatment if necessary. To reduce reinfestation, thoroughly spray the animal's bedding and other resting areas until the surface is slightly moist. Treat these areas at the rate of two seconds per linear foot at a distance of 12 to 18 inches (30-40 cm). Also spray the entire inside surface of dog houses. Repeat as necessary, thoroughly spraying floors, cracks, crevices and bedding. Hit as many insects directly as possible.

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TO KILL WASPS, HORNETS, YELLOW JACKETS, BEES: Application should be made in evening when insects are at rest. Spray liberally into hiding and breeding places, especially under attic rafters, contacting as many insects as possible. Repeat as necessary.

RESIDUAL SPRAY: Aids in the control of **COCKROACHES, CRICKETS, SILVERFISH, AN MILLIPEDES, CENTIPEDES, EARWIGS, GRAIN MITES, SOMBUGS, SPIDERS:** Kills for up to 4 weeks. Spray baseboards, cracks and crevices, around door and window frame and other hiding places such as closets, in back of and under appliances, sink and cupboards in kitchens and bathrooms. In basements, spray hiding places in cracks and crevices, lower walls and dark places. Apply as coarse, wet spray a 4 to 6 inch (10 to 15 cm) band until area is thoroughly wet but not to the point of run-off. Repeat as necessary.

ORNAMENTAL PLANTS INDOORS: In greenhouses, lathhouses, homes, commercial and institutional buildings, and for indoor landscaping: To control aphids, fungus gnats, leafhoppers, plant bugs, spittlebugs, thrips, and whiteflies on the plants listed below, use the 0.02% spray dilution. To prepare the spray, dilute this product with water as shown in the **SPRAY DILUTION CHART**. Mix well before use.

SPRAY DILUTION CHART

Amount of Spray Mixture Desired	Volume of this product required to make a 0.02% Spray
8 fl oz (237 ml)	4 tsp (20 ml)
16 fl oz (473 ml)	8 tsp (40 ml)
32 fl oz (946 ml)	3 fl oz (89 ml)
64 fl oz (1.89 L)	5.5 fl oz (163 ml)
128 fl oz (3.79 L)	10.5 fl oz (311 ml)

Prior to spray application, remove infested plants from living and eating areas and place in an area not likely to come in contact with pets, children or food. Plants can be returned to original location when leaves dry.

If plant removal is not possible, remove or cover exposed food and food handling surfaces, including utensils, and remove animals. Shut off ventilating systems, air ducts, and air conditioning equipment. Avoid spray contact with surrounding areas.

Apply the spray to the upper and lower surfaces of plant foliage to the point of run-off. Avoid wetting blossoms if possible. Spray in the late afternoon or evening, when temperatures range from 50°F to 72°F (10° to 22°C). Repeat applications weekly if necessary.

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- | | | |
|------------------|------------------|-------------------|
| ageratum | ferns: asparagus | pansy |
| aluminum plant | Boston | peperomia |
| arrowhead vine | sword | petunia |
| aster | figus | philodendron |
| azalea | fuchsia | piggy-back plant |
| Baby's Tears | gardenia | poinsettia |
| begonia | geranium | pothos |
| black-eyed Susan | heliotropes | prayer plant |
| bridal veil | hibiscus | purple waffles |
| broadleaf acacia | hoya | roses |
| calendula | ice plant | rubber plant |
| carnations | inch plant | salvia |
| Christmas cactus | ivy: German | sedum |
| chrysanthemum | grape | shamrock |
| coleus | Swedish | snake plant |
| daisy | English | snappedragon |
| daphne | marigold | Star-of-Bethlehem |
| dracaena | Moses in Cradle | verbena |
| dumbcane | nasturtium | wandering Jew |
| Easter lily | nephthytis | wax plant |
| fatshedera | palm | zebra plant |
| | | zinnia |

USE WITH CAUTION: On African violet, azalea, Reiger begonia, browallia, Tahitian bridai veil, caenothus, camellia, plumosa fern, gloxinia, ipatiens, geranium, oxalis, jade, primrose, cyclamen, wax begonia, spider plant, chrysanthemum, Bosto fern, and friendship plant.

As with all plants listed above, especially carnations, chrysanthemums and roses, there exists a wide variety of species and cultivars, and therefore a wide range of susceptibility to injury. To ascertain possible phytotoxicity, spray a few plants as described above, wait 24 hours, and check for possible injury.

Manufactured for

LaRoche Industries INC.
1100 Johnson Ferry Rd. NE
Atlanta, Ga. 30342
Vertagreen is a Registered Trademark

VTG
UPC Code
25704-50026A
Proof of Purchase

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APPROVALS	MARKETING	DATE	REGULATORY	DATE
BY			CD Gunderson	3-27-89