

FEB 06 1995

Mr. Eddie Caruthers  
Quest Chemical Corporation  
12255 FM 529  
Houston, Texas 77041

Dear Mr. Caruthers:

Subject: Revision of Fire Ant Use Directions  
Renegade  
EPA Registration No. 44446-51  
Your Application Dated October 17, 1994

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable, subject to the following comments:

1. The Environmental Hazards Statement must read as follows:

This pesticide is extremely toxic to fish, birds, and other wildlife. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. Cover or incorporate spills. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

2. The "Net Contents" must appear as a label statement. A space for this information should appear on all draft labeling.

Please note, for future amendments, five copies of the proposed label must be submitted.

A stamped copy of the label is enclosed for your records.

Sincerely,

DHE

Dennis H. Edwards, Jr.  
Product Manager 19  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

Enclosure

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Manufactured By: **QUEST** Chemical Corporation  
Houston, Texas 77041

# RENEG

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS & DOMESTIC ANIMALS  
CAUTION**

Harmful if swallowed. Avoid contact with eyes, skin or clothing. Wash hands after using. In food handling areas application is limited to crack and crevice and/or spot treatment. Do not apply directly to food or feedstuffs. In commercial food handling facilities, cover or remove any food or food processing equipment during application. Do not apply while food processing is underway. In the home, all food processing surfaces and utensils should be covered during treatment or thoroughly washed before use. Do not allow children or pets to contact treated surfaces until spray has dried. Remove pets and cover fish aquariums before spraying.

**STATEMENT OF PRACTICAL TREATMENT**

If swallowed: Get immediate medical attention. If in eyes or on skin: Flush with plenty of water. For eyes, get medical attention.

**NOTE TO PHYSICIAN:** Chlorpyrifos is a cholinesterase inhibitor. If symptoms of cholinesterase inhibition appear, atropine only by injection is an antidote.

**ENVIRONMENTAL HAZARDS**

This pesticide is highly toxic to fish. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. 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 water based product in conduits, motor housings, junction and switch boxes or other electrical equipment because of possible shock hazard. Do not use on surfaces that can be harmed or stained by water.

**DIRECTIONS FOR USE**

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

**STORAGE AND DISPOSAL**

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

**STORAGE:** One gallon (3.79 L) of spray is sufficient to treat 1500 linear feet (457 m) with a 5 inch (12.7 cm) spray band. Do not store this water-based formulation at temperatures below 32° F. For containers one gallon and under. Store product in original container in a locked storage area.

**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 by other procedures approved by State and Local authorities.

For use in non-food areas indoors and outside of premises of hotels, motels, homes, preschools, apartment buildings, commercial, office, institutional and storage buildings, recreational buildings, boats, ship cabins and hospitals.

**IN HOSPITALS, REMOVE PATIENTS PRIOR TO TREATMENT.** Ventilate rooms for two hours before returning patients.

This product can be used in non-food areas such as corridors, offices, lobbies, lavatories, garages, utility rooms, storage rooms and basements, of packaging and processing plants, milk handling areas of milk plants, milk storage rooms, egg processing plants, supermarkets, restaurants, bottling plants, canneries, flour and feed mills and bakeries.

**IN FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS, APPLICATION IS LIMITED TO SPOT AND/OR CRACK AND CREVICE TREATMENT.**

Also for use in and around campers, mobile homes, buses, and automobiles. This product can be used in cargo planes, trucks, barges and ship cargo holds only if the vehicles are not used for transport of food or food products at any time.

Also, for use in dog kennels, and horse stables. Do not spray on horses and dogs. Do not spray dog and horse food or feed items.

**NOTE:** One gallon (3.79 L) of spray is sufficient to treat 1500 linear feet (457 m) with a 5 inch (12.7 cm) spray band.

For contact and residual sprays, use this product without diluting. For repeat application, dilute with equal parts of water.

**CONTACT SPRAY — KILLS AND REDUCES INFESTATIONS:** Cockroaches (waterbugs), crickets, silverfish (firebrats), centipedes, millipedes, earwigs, sowbugs (pillbugs), spiders, brown dog ticks, lone star ticks, ants, carpet beetles, fleas, scorpions, spider beetles, confused flour beetles, sawtoothed grain beetles, shiny spider beetles, grain mites, red flour beetles, angoumois grain moths, grain weevils, Indian meal moths, Mediterranean flour moths, lesser grain borers, cigarette beetles, drug store beetles, chocolate mites. Use as a spot treatment. When possible, spray directly on pests to reduce infestation. Apply as a coarse spray or with a paint brush into hiding places such as cracks, crevices, most areas, openings around pipes and sinks, under refrigerators and other appliances, baseboards and storage areas. Apply spray until areas are wet, but not to the point of runoff. Repeat as necessary.

**ANTS (Including Fire Ants):** To kill ants, spray trails, nests and points of entry within buildings and homes. Spray directly on ants where possible. Repeat as necessary.

**FLEAS, BROWN DOG AND LONE STAR TICKS:** Thoroughly apply as a spot treatment to infested areas such as pets, beds and resting quarters, nearby cracks and crevices, along and behind baseboards, window and door frames and localized areas of floor and floor covering where these pests may be present. Old bedding of pets should be removed and replaced with clean fresh bedding after treatment of pet areas. **DO NOT TREAT PETS WITH THIS PRODUCT.** Treat pets with a product registered for animal application such as SBP-13428. **Bio-methrin Aqueous Pressurized Spray, EPA Reg. No. 432-482,** to control the source of flea and tick infestation.

**CARPET BEETLES AND CLOTHES MOTHES:** Do not spray clothing with this product. Do not allow clothing to contact areas where this product has been used. Spray edges of carpeting and under carpeting, rugs, and closets. Make localized application to the floor and baseboards. Spray directly into cracks, crevices, closets, and infested areas of carpeting and wherever these insects are seen or suspected. Repeat as necessary.

**RESIDUAL SPRAY:** Aids in the control of cockroaches (waterbugs), crickets, banded bugs, scorpions, spider beetles, silverfish (firebrats), centipedes, millipedes, earwigs, sowbugs (pillbugs). Kills up to 4 weeks. Apply on baseboards, cracks and crevices, around floor and window frames, and other hiding places such as closets, in back of and under appliances, ants and cupboards in kitchens and bathrooms. In basements, apply in hiding places, in cracks and crevices, lower walls and dark places. Spray surfaces until wet, but not to the point of runoff.

**PESTS OUT-OF-DOORS**

**DO NOT TREAT OR ALLOW THE SPRAY TO CONTACT PLANTS (LAWNS, FLOWERING PLANTS, SHRUBS, TREES, EVERGREENS, ETC.) BECAUSE OF POSSIBLE INJURY.**

**PESTS ON OUTSIDE SURFACES OF BUILDINGS:** Use this product to control ants, clover mites, crickets, earwigs, millipede, and sowbugs (pillbugs), on outside surfaces of buildings. To help prevent infestation of buildings treat the building foundation to a height of 2-3 feet (0.5 to 1 m) where pests are active and may find entrance. Also apply as a residual spray to outside surfaces of buildings, including porches, screens, window frames, eaves, patios, garages, refuse dumps and other areas where these pests congregate or have been seen. Repeat treatment as needed to maintain effectiveness.

**HOUSE FLIES, MOSQUITOES, GNATS, FLYING MOTHS OUTDOORS:** For outdoor use only as an aid in reducing annoyance from these insects. Spray outside surfaces of screens, doors, window frames or wherever these insects alight or congregate. Repeat as necessary.

**ANTS, BROWN DOG TICKS, CRICKETS, FLEAS, AND EARWIGS OUTDOORS:** For treatment of localized infestations of these insects in outdoor areas where there are weeds or brushy non-crop areas, spray infested areas thoroughly. For ants, thoroughly wet hills and runways. Repeat application as infestations warrant and as re-infestations occur.

**TO CONTROL FIRE ANTS:** Dilute 1.5 parts (0.71 L) of this product in 1 gallon (3.79 L) of water. Apply 1 gallon (3.79 L) or less of solution, depending on local soil conditions, as a gentle rain to each fire ant mound using a sprayer can. Thoroughly wet the mound and surrounding area to a 4 foot diameter (1.22 m). For best results, apply in cool weather (55-80° F (13-27° C)) or in early morning or late evening hours. Treat new mounds as they appear. Do not disturb the mound prior to treatment. If possible, treat all mounds in the vicinity, and treat all colonies which may not as yet have constructed a mound.

Larger quantities of solution can be prepared for multiple mound treatments. Equipment to deliver the diluted product as a gentle rain at the rate of 1 gallon (3.79 L) per mound is still required. Do not use equipment that generates a pressurized spray as pressurized sprays may disturb fire ants and cause migration, reducing product effectiveness.

**WARRANTY STATEMENT**

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

**A COMBINATION OF INSECTICIDES OFFERS  
RESIDUAL KILL OF COCKROACHES**

This product breaks the life cycle of fleas and pre-adult fleas for up to 42 days and adult fleas for up to 30 days. Residual and Contact Control of Cockroaches (Water, Clover Mites, Centipedes, Millipedes, Earwigs, Sowbugs, Lone Star Ticks, Ants, Fire Ants, Carpet Beetles, Fleas, Mites, Scorpions, Spider Beetles, House Flies, Mosquitoes, C. Beetles, Sawtoothed Grain Beetles, Shiny Spider Beetles, Angoumois Grain Moths, Grain Weevils, Indian Meal Moth, Grain Borers, Cigarette Beetles, Drug Store Beetles, Ch...

**CONTAINS DURSBAN™ IN**

**ACTIVE INGREDIENTS:**

- \* Resmethrin ((5-phenylmethyl)-3-furan-2,2-dimethyl-3-(2-methyl-1-propenyl)cyclopropanecarboxylate)
- † Chlorpyrifos [0,0-diethyl 0-(3,5,6-trichlorophosphorothioate)]

**INERT INGREDIENTS** ..... Total

- \* Cis,trans isomers ratio: max. 30% (±) cis and 70% trans
- Roussel Bio's SBP-1392® brand of resmethrin
- Roussel Bio Corp., 400 Sylvan Avenue, Englewood, NJ 07630
- † U.S. Patent No. 3,244,585. Dursban is a Trade Name
- \*\* U.S. Patent No. 3,583,078.

EPA Reg. No. 44446-51

**PRECAUCION AL CONSUMIDOR:** Si usted no lee esta etiqueta, la etiqueta le haya sido explicada anteriormente, o si usted no puede leer inglés, esta información (TO THE USER: If you cannot read English, do not use this product until this information has been fully explained to you.)

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENT OF PRACTICAL TREATMENT

In food handling establishments, can be used in residual spray.  
In food areas, application is limited to spot and/or crack and crevice treatment.

BEST AVAILABLE COPY