

44446-64

09-27-2011

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460-0001



OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

September 27, 2011

Mitch Whitney  
Quest Chemical Corporation  
12255 FM 529  
Northwoods Industrial Park West  
Houston, TX 77041

Subject: Amended Reregistration Label  
Product Name: Quest Revenge Insect Killer (Alt. Brand Name: Stormtrooper  
Insect Killer)  
EPA Registration Number: 44446-64  
EPA Decision Numbers: 436038, 413544 and 410462

Dear Mr. Whitney:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all of the information submitted with your application to support the reregistration of the above referenced product in connection with the tetramethrin, permethrin and PBO REDs, and has concluded that your submission is acceptable.

NOTE: This product is **not** being reregistered under sections 3(c)5 and 4(g) of FIFRA at this time.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on non-refillable containers. The code may appear either on the label or durably marked on the container itself, and can be added by non-notification per PRN 98-10.

Please note that the record for this product currently contains the Confidential Statements of Formulation (CSFs) listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated 2/16/10
- Alternate CSF, dated 2/16/10

A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped after 12 months from the date of this amendment or the next printing of the label whichever occurs first, must bear the new revised label. Your release for shipment of the product bearing the amended label constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e).

If you have any questions about this letter, please contact Jennifer Urbanski at 703-347-0156 or [urbanski.jennifer@epa.gov](mailto:urbanski.jennifer@epa.gov).

Sincerely,



Richard J. Gebken  
Product Manager (10)  
Insecticide Branch  
Registration Division (7504P)

Enclosures: *Label stamped "Accepted," dated 9/27/11*  
*Acute Toxicity Review, dated 4/26/10*  
*Product Chemistry review, dated 1/10/11*

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**STORMTROOPER**

**Insect Killer**

**Intended for Household and Commercial/Industrial  
Use in Non-Food/Feed Areas**

- **Contains Synergized Permethrin and Tetramethrin**
- **Provides Quick Killing Action and Residual Control**
  - **Economical Do-It-Yourself Pest Control**
- **Use Indoors and Outdoors • Kills Fire Ants - Fleas - Roaches - Ants**
  - **Kills on Contact - Kills Fast • Kills Hidden Bugs**
  - **Kills Bugs You See and Even the Ones You Don't**
- **A broad spectrum insecticide highly effective against Ants, Carpenter Bees, Carpenter Ants, Carpet Beetles, Centipedes, Cockroaches, Crickets, Earwigs, Firebrats, Fleas, Flour Beetles, Grain Beetles, Ground Beetles, Millipedes, Mole Crickets, Moths, Pillbugs, Scorpions, Silverfish, Sowbugs, Spiders, ^Termites, Ticks and many other similar crawling insects**
  - **Water-Based Formula, Non-Staining**
- **No Oily Residues; No Unpleasant Odor • Protects for up to 4 weeks**

**ACTIVE INGREDIENTS:**

\*Tetramethrin 0.150%  
\*\*Permethrin 0.375%  
Piperonyl Butoxide 0.750%

**OTHER INGREDIENTS:**

Total 98.725%  
100.000%

ACCEPTED

SEP 27 2011

Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended, for the  
pesticide registered under:

EPA. Reg. No: 44446-64

\*1-cyclohexene-1,2-dicarboximidomethyl 2,2-dimethyl-3-(2-methylpropenyl) cyclopropane-carboxylate.

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

EPA Reg. No. 44446-64

EPA Est. No. 44446-TX-1

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**See Side Panel For Additional Precautions**

Manufactured By

**QUEST CHEMICAL CORPORATION**

**12255 FM 529 • Houston, Texas 77041**

**PRECAUTIONARY STATEMENTS**

**Hazards To Humans & Domestic Animals**

**CAUTION:** Avoid contact with skin or clothing. Wash thoroughly with soap and water after handling.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Applicators and other handlers must wear: Long-sleeved shirt and long pants, socks and shoes, and chemical-resistant gloves made of any waterproof material.

## USER SAFETY REQUIREMENTS

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Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

## USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## Environmental Hazards

This pesticide is extremely toxic to aquatic organisms, including fish and invertebrates. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean water mark. Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash waters.

This pesticide is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

## FIRST AID

### If on skin or clothing:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

### If inhaled:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

### If in eyes:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

### If swallowed:

- Call poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by the poison control center or doctor.
- Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For additional information on this pesticide product (including health concerns, medical emergencies or pesticide incidents), you may call 1-800-255-3924.

### PHYSICAL OR CHEMICAL HAZARDS

Contents under pressure. Do not use or store near heat or open flame. Do not puncture or incinerate container. Exposure to temperatures above 130°F may cause bursting. Do not use this product in or on electrical equipment due to the possibility of shock hazard.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact adults, children or pets, either directly or through drift. Do not use in food/feed areas of food/feed handling establishments, restaurants or other areas where food/feed 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.

This product may be used as a crack and crevice treatment or as a spot application in non-food/feed areas. All areas where insects hide or through which insects may enter should be treated.

For use in non-food/non-feed areas such as garbage rooms, lavatories, floor drains (to sewers), offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling).

Not for use in Federally Inspected Meat and Poultry Plants.

Do not apply this product in occupied patient rooms or in any rooms/areas while occupied by patients, the elderly or infirm. Do not apply to classrooms when in use.

- Do not enter or allow others to enter until sprays have dried.
  - Do not apply this product in a way that will contact workers or other person, either directly or through drift. Only protected handlers may be in the area during application.
  - Do not make applications during rain.
  - Do not wet articles to the point of runoff or drip.
  - Do not use treated article until spray has dried.
  - Remove or cover exposed food and drinking water before application.
  - Not for broadcast use on indoor surfaces.
  - Do not apply when food is present.
  - Remove or cover dishes, utensils, food processing equipment and food preparation surfaces, or wash them before use.
  - All outdoor applications must be limited to spot or crack and crevice treatments only, except for the following permitted uses: treatment to soil or vegetation around structures, applications to lawns, turf and other vegetation, applications to building foundations, up to a maximum height of 3 feet.
- Other than applications to building foundations, all outdoor applications to impervious surfaces such as sidewalks, driveways, patios, porches and structure surfaces (such as windows, doors, and eaves) are limited to spot and crack and crevice applications only.
- Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow the product to enter any drain during or after application.

**Use Information:** This product provides effective control of pests in and on buildings and structures and their immediate surroundings and on modes of transport. Permitted areas of use include, apartment buildings, homes, hotels, hospitals, nursing homes, schools, industrial buildings, laboratories, mausoleums, private residences, utilities and the non-food/feed areas of food/feed handling establishments, and on: vessels, railcars, aircraft (cargo areas only), buses, trucks and trailers.

**Surface Spray Application:** Remove protective cap. Hold container upright with nozzle away from you. Press valve down and spray as directed. Spray surface until slightly wet (at a rate of 4 ounces product to treat approximately 25 square feet of surface area).

**Crack & Crevice Injection:** Remove protective cap, hold container upright and attach injection tube for injecting into cracks and crevices where insects may be hiding, living and breeding. Place injection tip 1/2 inch into cracks, crevices, holes and other small openings where insects may be a problem. Release a one-second spray per spot. In serious infestations, if possible, place spots approximately 12 inches apart. In light infestations or for preventative treatment, place spots approximately three feet apart. In long running cracks, move the injector tip along the crack while spraying. Move at the rate of one linear foot per second in heavy infestations and three feet per second in light infestations. See the additional directions below for effective control of specified insects.

**INDOORS:** Cockroaches (including adult and immature stages of both nonresistant and organophosphate and carbamate resistant strains). Ants, Booklice, Boxelder Bugs, Centipedes, Crickets, Dermestids, Firebrats, Fleas, Palmetto Bugs, Silverfish, Sowbugs, Ticks and Waterbugs: Spray into hiding places such as cracks and crevices, behind sinks, cabinets, along baseboards and floors, around drains and plumbing, hitting insects with spray whenever possible. Repeat every 4 weeks.

**Ants:** Spray freely around ant trails, doors and windows and other places where ants enter premises around nests hidden under steps, brickwork, concrete, etc. Break apart accessible nests and spray freely on and around debris. Repeat every 4 weeks.

**Carpenter Ants:** For effective control, locate and treat nests and surrounding areas. Apply around doors and windows and other places where ants enter premises and where they crawl and hide. Inject into wall voids and infested wood through existing openings or newly drilled small holes.

**Brown Dog Ticks and Fleas in Buildings:** Apply to infested areas such as pet beds and resting quarters, nearby cracks and crevices, under the edges of rugs and floor coverings, between and under cushions of upholstered furniture and other areas 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 use directly on pets.

**Spiders:** Apply along and behind baseboards, to window and door frames, corners, pipes, storage localities, attics, crawl spaces and other areas over which these pests may crawl.

**Centipedes, Earwigs, Ground Beetles, Millipedes, Mole Crickets, Pillbugs, Sowbugs, Scorpions and Ticks:** Apply around doors and windows and other places where these pests may enter premises. Treat baseboards, storage areas and other locations where these pests are found.

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**Pantry Pests** - Grain Beetles (Rusty, Merchant and Sawtoothed), Flour Beetles (Red and Confused), Chocolate Moths, Cigarette Beetles, Clover Mites, Cluster Flies, Drugstore Beetles, Elmleaf Beetles, Rice Weevils, Lesser Grain Borers, Spider Beetles and Tobacco Moths: Treat exposed stages. Remove all foodstuffs, utensils and shelf paper from area to be treated. Discard used shelf paper and any infested foodstuffs. Apply spray to shelves and in cracks and crevices behind and under cupboards and cabinets, around processing and handling equipment, around cartons or containers or other areas where these insects tend to congregate. Allow spray to dry prior to replacement of food and utensils. Infested stored food products in the home should be disposed of.

**Carpet Beetles (Black, Furniture and Varied):** Spray on and under edges of floor coverings, under rugs and furniture and in closets or other localities where these insects are found. Repeat every 4 weeks.

**Webbing Clothes Moths:** Use this product as a crack and crevice treatment in closets and other storage areas where these pests are found. This is an adjunct treatment and will not control moth larvae already on clothes. Do not apply to clothing.

**OUTDOORS:** Ants, Cockroaches, Crickets, Centipedes, and Silverfish. Spray infested surface of patio or picnic areas, hitting as many insects as possible. Also spray legs of tables and chairs to repel ants. Spray ant hills for best control. All outdoor applications must be limited to spot or crack-and-crevice treatments, except for the following permitted uses: Applications to building foundations, up to a maximum height of 3 feet.

**Fire Ants:** To treat mounds, use soil injector. To maximize spray distribution, insert injector into the mound full length if possible. Inject the mound at 5-6 sites at a rate of 5-10 seconds spray per site. For very large mounds (over 36 inches in diameter), increase the number of injection sites. Space injection sites in a circular pattern on the mound surface with one site in the center. To quiet active ants on mound surface, sweep surface with spray from a distance of 18 inches. For best results, apply in cool weather or in early morning or late evening hours. Treat new mounds as they appear.

**Pests on Outside Surfaces Of Buildings:** For control of building infestation due to Ants, Clover Mites, Crickets, Earwigs, Millipedes and Sowbugs (Pillbugs). Spray foundation of building where insects are active and may find entrance up to a height of 2 to 3 feet. Apply as a residual spray to outside surfaces of buildings where insects tend to congregate. Spray areas include screens, window frames, eaves, porches, patios, garage and refuse dumps. Repeat every 4 weeks.

**Localized Treatment of Wood-Infesting Insects:** Beetles and Borers (such as the following families: Anobilidae, Bostrichidae, Buprestidae, Cerambycidae, Lyctidae, Oedemerridae, Sesidae), Carpenter Bees, Termites and Wood Wasps: Locate area of infestation and/or insect tunnels and cavities. Using a crack & crevice tip, spray into tunnels, galleries and inaccessible closed voids. In infested areas, small holes should be drilled eight to ten inches apart to insure thorough insecticide gallery treatment. Be sure not to contact electrical wiring or plumbing when treating. For Carpenter Bees, seal the entrance holes with small pieces of stainless steel wool after application.

^The purpose of such applications of this product for termites is to kill workers or winged reproductive forms which may be present in the treated channels at the time of treatment. Such applications are not a substitute for mechanical alteration, soil treatment or foundation treatment but are merely a supplement. For active termite infestations, get a professional inspection.

**NOTICE:** Buyer assumes all responsibility for safety and use not in accordance with directions.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Do not store near heat or open flame. Store in cool dry area away from children.

**PESTICIDE DISPOSAL AND CONTAINER HANDLING:** Do Not Puncture or Incinerate! If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions.

**INGREDIENTS (CAS#):** Water (7732-18-5), Propane-isobutane (68476-85-7), Permethrin (52645-53-1), Isoparaffinic Solvent (64742-47-8).

**HMIS RATINGS:** HEALTH-2, FLAMMABILITY-1, REACTIVITY-1, PERSONAL-A.

Made in USA

ITEM 426