

47000-140

9/12/2012

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



OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

September 12, 2012

Mr. Rogosheske  
Chem-Tech, Ltd.  
4515 Fleur Dr.  
Des Moines, IA 50321

Subject: Amended Reregistration Label  
Product Name: Pyrethrins RTU  
EPA Registration Number: 47000-140  
EPA Decision Number(s): 400175; 411892

Dear Mr. Rogosheske;

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 pyrethrin and piperonyl butoxide RED(s), 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 Any previously dated CSFs are superseded.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 January 11, 2012

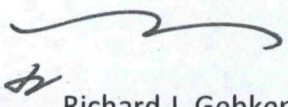
A copy of your label stamped "Accepted" is enclosed along with copies of the acute toxicity and product chemistry reviews completed for the subject product. Products shipped



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 Richard Gebken at (703) 305-6701 or via e-mail at [gebken.richard@epa.gov](mailto:gebken.richard@epa.gov) or Jennifer Gaines at (703) 305-5967 or via e-mail at [gaines.jennifer@epa.gov](mailto:gaines.jennifer@epa.gov).

Sincerely,



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

*Enclosures: Label stamped "Accepted," dated September 12, 2012  
Acute Toxicity Review, dated August 25, 2010  
Product Chemistry Review, dated February 15, 2012*



# Pyrethrins RTU

Editor's Note: Text in [Brackets] indicate optional marketing statements – any or all of which may appear on the final label.

[PYRETHRIN]

[Water-based]

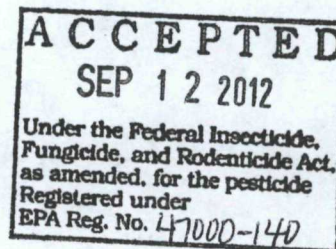
[Ready to use, an effective insecticide for use on Roses, Flowers, Tomatoes, and other Vegetables]

[Also controls Gypsy Moth caterpillars and Japanese Beetles]

[Effective, fast-acting insecticide]

[To control Flies, Mosquitoes, Gnats & Moths]

[Apply with conventional mechanical or compressed air equipment]



### ACTIVE INGREDIENTS:

Pyrethrins..... 0.02%

Piperonyl Butoxide \* ..... 0.20%

**INERT INGREDIENTS:** ..... 99.78%

Total ..... 100%

\* (butylcarbityl) (6-propylpiperonyl) ether and related compounds

## KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
<b>If Swallowed</b>	Call a 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 a poison control center or doctor. Do not give anything by mouth to an unconscious person.
<b>If on Skin Or Clothing</b>	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.
<b>If Inhaled</b>	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible. Call a poison control center or doctor for further treatment advice.
<b>If in Eyes</b>	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information contact: National Pesticide Information Center at 1-800-858-7378.	

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION



Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. Wear long sleeved shirt and long pants, shoes, socks, and chemical resistant gloves (such as or made out of any waterproof material, election category A.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to aquatic organisms, including fish and invertebrates. Do not apply directly to or near water. Drift and run-off may be hazardous to fish in water adjacent to treated area. Do not contaminate water when disposing of equipment, washwater, or rinsate. See Directions for Use for additional precautions and requirements.

This product 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.

**DIRECTIONS FOR USE**

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

**USE PRECAUTIONS AND RESTRICTIONS**

- Do not enter or allow others to enter until sprays have dried.
- Do not enter or allow others to enter until vapors, mists, and aerosols have dispersed, and the treated area has been thoroughly ventilated.
- Do not remain in treated area. Exit area immediately and remain outside the treated area until aerosols, vapors, and/or mists have dispersed.
- When used in indoor residential areas as a space spray: Remove or cover exposed food and drinking water before application. Remove or cover dishes, utensils, food processing equipment, and food preparation surfaces, or wash them before use.
- Remove pets, birds and cover fish aquaria before space spraying.
- Do not apply by air.
- Do not make outdoor applications in the rain.
- Do not wet plants to point of runoff or drip.
- Not for use in outdoor residential misting systems.
- Do not apply 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.
- Do not apply in or on electrical equipment due to shock hazard.

**VEGETABLE GARDENS**

This product may be used indoors, out-of-doors or in home greenhouses throughout the growing season. Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. This product is Ready To Use. To control insects named in charts, apply to provide thorough coverage of upper and lower leaf surfaces. Repeat treatment weekly or as needed to control infestations. It may be applied on the day of harvest of vegetables.

For best results plan on two applications the first and second week since this spray is not residual. A light mist on the plant foliage is all that is necessary. Do not spray to point of run-off.

GARDEN CROPS	INSECTS
Asparagus, Beans	Asparagus beetles, Aphids, Leafhoppers, White flies, Mexican bean beetle, 12 Spotted Cucumber beetle, Spider mites
Broccoli, Cauliflower, Cabbage, Brussels Sprouts	Aphids, Cabbage Looper, Cross-stripped Cabbage worm, Diamond back moth larvae, Flea beetles, Harlequin bug, Imported cabbage worm, Stink bug
Celery	Green peach aphid, Cabbage Looper, Leaf roller
Cranberries	Fireworms, Leafhoppers



Eggplant	Blister beetles, Colorado potato beetle, Flea beetles, Green peach aphid
Lettuce	Green peach aphid, Cabbage Looper, Diamond back moth larvae, Imported cabbage worm
Mustard Greens, Kale, Collards, Turnips	Aphids, Green peach aphid, Cabbage Looper, Diamond back moth larvae, Imported cabbage worm
Peppers	Green peach aphid
Potatoes	Aphids, Colorado potato beetle, Flea beetles, Leaf hoppers, Mealybugs
Radishes	Aphids, Flea beetles
Spinach	Aphids, Cabbage looper, Webworms
Tomatoes	Green peach aphid, Colorado potato beetles, Stink bug, White flies, Flea beetles, Mealybugs, Spider mites

**ROSES & FLOWERS**

PLANTS	INSECTS
African Violets, Azaleas, Begonias, Camellias, Dahlias, Dogwood, Roses, Wandering Jew, Asters, Carnations, Chrysanthemums, Geraniums, Gladiolus, Marigolds	Aphids, Chafer, Cutworms, Flea Beetles, leafhoppers, Mealybugs, Plant Bug, Rose Spider Mites, Thrips, White Flies

**INDOOR APPLICATION**

For maximum effectiveness, a combination of spot surface treatment and fogging is recommended.

**SURFACE SPRAYING:** To Control: **Roaches, Ants, Silverfish, Spiders, Crickets, Clover Mites, Cheese Mites, Granary Weevils, Rice Weevils, Confused Flour Beetles, Rust Red Flour Beetles, Sawtoothed Grain Beetles, Spider Beetles, Meal Worms, Grain Mites and Cadelles:**

Use a good sprayer adjusted to deliver a coarse wet spray. Direct the spray into hiding places, cracks and crevices, under pallets, around containers of stored foods, around the base of machinery, behind shelves and drawers. **For Silverfish**, spray bookcases. **For Ants**, spray trails, nests and points of entry. If surface application only is to be used, spray floors, walls and other surfaces applying at a rate of 1 gallon to 750 square feet of surface. **To Control Carpet Beetles:** Spray edges of carpeting under carpeting and rugs. Make localized application to floor and baseboard. Spray directly into cracks, closets and infested areas of shelving. Repeat treatment as needed. **To Control Fleas and Brown Dog Ticks:** Thoroughly spray infested areas, pet beds, resting quarters, nearby cracks and crevices, along and behind baseboards, molding, window and door frames, and localized areas of floor and floor covering. Place fresh bedding in animal quarters following treatment. Concurrent treatment of animals with an approved insecticide is recommended. Repeat treatment as needed.

**SPACE SPRAYING:** Close door and windows and shut off ventilating systems. Apply with a good machine adjusted to deliver a fine mist or fog. For rapid control of Flies, Fruit Flies, Gnats, Mosquitoes, Skipper Flies, Angoumois Grain Moths, Mediterranean Flour Moths, Indian Meal Moths and Tobacco Moths: Direct spray at an upward angle, distributing it uniformly throughout the entire area at a rate of two (2) to four (4) ounces per 1000 cubic feet of space. Keep area closed for at least 30 minutes. Vacate treated area and ventilate thoroughly before allowing people or pets to reenter.



6/16

**OUTDOOR ADULT MOSQUITO CONTROL** For localized control from annoyance of mosquitoes, apply as a fine mist to thoroughly treat the entire area. For best results, treat when the wind velocity does not exceed five (5) miles per hour. Treat shrubbery or vegetation where mosquitoes may rest, particularly around the perimeter of mosquito breeding sites such as low marshy places near stagnant pools or ponds. Apply at a rate of 5 to 6 quarts per acre (4 ounces per 1,000 square feet).

**STORAGE AND DISPOSAL**

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

**PESTICIDE STORAGE:** Do not store under conditions which might adversely affect the container or its ability to function properly. Do not store below temperature of 32°F. Store in a safe manner. Store in original container only. Store in cool, dry place. Keep container tightly closed when not in use.

**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.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container.

**If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**WARRANTY DISCLAIMERS AND NOTICE**

It is impossible to eliminate all risks inherently associated with the use of this product. Crop damage, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Chem-Tech, Ltd, the manufacturer or seller. To the extent consistent with applicable law, Chem-Tech, Ltd, the manufacturer or seller shall not be liable for consequential, special or indirect damages resulting from the use or handling of this product. Except as warranted by this label, Chem-Tech, Ltd, the manufacturer or seller makes no warranties, guarantees, or representations of any kind, either express or implied, or by usage of trade, statutory or otherwise with regard to the product sold or use of the product, including, but not limited to, merchantability, fitness for a particular purpose or use, or eligibility of the product for any particular trade usage. To the extent consistent with applicable law, buyer's or user's exclusive remedy, and Chem-Tech, Ltd's, the manufacturer's or seller's total liability shall be limited to damages not exceeding the cost of the product.

**EPA Reg. No. 47000-140**

**EPA Est. No. 47000-IA-1**

Net Contents \_\_\_\_\_

Manufactured By:  
**Chem-Tech, Ltd.**  
4515 Fleur Drive  
Des Moines, IA 50321

9/4/12 per EPA letter 8/22/12