

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



OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Dana M. Thomas  
Whitmire Micro-Gen Research Laboratories Inc.  
3568 Tree Court Industrial Blvd.  
St. Louis, MO 63122-6682

JUL 31 2012

Subject: Amended Reregistration Label  
Product Name: TC 123 Insecticide  
EPA Registration Number: 499-479  
EPA Decision Numbers: 411353, 411633

Dear Ms. Thomas:

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 Pyrethrins and Piperonyl Butoxide 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 Any previously dated CSFs are superseded.

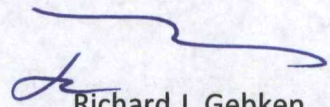
- Basic, and Alternate #1, and #2, all dated March 15, 2010

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 Samantha Hulkower at 703-603-0683 or [hulkower.samantha@epa.gov](mailto:hulkower.samantha@epa.gov).

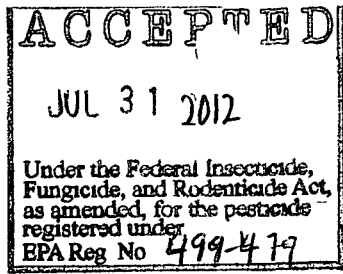
Sincerely,



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

Enclosures: *Label stamped "Accepted," dated JUL 31 2012*  
*Acute Toxicity Review, dated September 27, 2010*  
*Product Chemistry Review, dated December 9, 2011*

3/6



Master Label

v4 0 1 (7/31/12 dmt)

# TC 123 Insecticide

ALTERNATE BRAND NAME Prescription Treatment® brand Pyrethrum TR Micro Total Release Insecticide {added via Notification 10/25/99}

**TREATS UP TO 3,000 ft² (50,000 ft³)**

**KILLS** Ants (excluding Carpenter Fire Harvester & Pharaoh) Aphids Beetles (Colorado Potato Beetle Confused Flour Beetles Cucumber Beetles Dried Fruit Beetles Flea Beetles Red Flour Beetles Watermelon Beetles) Cabbage Worms Cadelles Crickets Fungus Gnats Hornworms Indianmeal Moths Leafhoppers Mealy Bugs Mediterranean Flour Moths Mites Moths Rose Aphid Rose Chafers Rose Slugs Scale Silverfish Spider Mites Spiders (excluding Black Widow & Brown Recluse) Trogoderma Thrips and Whiteflies

**FOR USE IN** Commercial Greenhouses and Nurseries (NOT for indoor residential use)

**FOR USE ON THESE GROWING CROPS** Ornamentals Flowering Plants Root and Tuber Vegetables Bulb Vegetables Leafy Vegetables (except Brassica) Brassica (Cole) Leafy Vegetables Legume Vegetables (succulent or dried) Fruiting Vegetables (except Cucurbit) Cucurbit Vegetables Herbs & Spices

**MAY BE USED ON** Bedding Plants Cut Flowers Flowering Hanging Baskets Foliage Potted Flowering Plants and Ornamentals

### ACTIVE INGREDIENTS

Pyrethrins <i>a botanical insecticide</i>	4 0%
Piperonyl Butoxide*	16 0%

### OTHER INGREDIENTS

Contains petroleum distillates	80 0%
	<b>TOTAL 100 0%</b>

\* (butylcarbonyl)(6 propylpiperonyl) ether and related compounds

## KEEP OUT OF REACH OF CHILDREN CAUTION

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard 40 CFR Part 170 Refer to the AGRICULTURAL USE REQUIREMENTS in the DIRECTIONS FOR USE section for information about this standard

EPA Reg No 499 479 • EPA Est No 7969 MO 1

**NET WEIGHT 2 oz**

### FIRST AID

**IF ON SKIN OR CLOTHING** Take off contaminated clothing Rinse skin immediately with plenty of water for 15 20 min Call a poison control center or doctor for treatment advice

**IF SWALLOWED** Immediately call a poison control center or doctor Do not give any liquid to the person Do not induce vomiting unless told to by a poison control center or doctor Do not give anything by mouth to an unconscious person

**IF IN EYES** Hold eyes open and rinse slowly and gently with water for 15 20 min Remove contact lenses if present after the first 5 min then continue rinsing eyes 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 additional information on this pesticide product (including health concerns medical emergencies or pesticide incidents) you may call 1 800 832 HELP 24 hr/day 7 days/week

**NOTE TO PHYSICIAN** Contains petroleum distillate – vomiting may cause aspiration pneumonia Treatment is symptomatic Antihistamines are of value

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION** Harmful if absorbed through skin Causes moderate eye irritation Avoid contact with eyes skin or clothing

**Personal Protective Equipment (PPE)** Applicators and other handlers must wear the following Long sleeved shirt long pants socks shoes and chemical resistant gloves (such as barrier laminate nitrile rubber neoprene rubber or viton Category E)

4/6

**User Safety Requirements** 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

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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.

#### PHYSICAL OR CHEMICAL HAZARDS

**Extremely Flammable** Contents under pressure. Keep away from fire, sparks, and heated surfaces. Do not puncture or incinerate container. Exposure to temperatures above 130 F may cause bursting.

This product contains a highly flammable ingredient. It may cause a fire or explosion if not used properly. Follow the Directions for Use on this label very carefully.



Highly Flammable Ingredient  
 Ingrediente Altamente Inflamable

#### DIRECTIONS FOR USE

**IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING**

Apply this product only as specified on this label.

Contents of container must be at room temperature before use. Therefore, cans must be stored at room temperature (above 65 F) for 24 hr before application. Make sure spray is unobstructed above units by foliage or other physical objects in order to obtain maximum distribution of fog.

**NOTICE** Good greenhouse management must overrule the use of this product when any conditions might be created by tightly closing greenhouses that would harm plant foliage or flowers. Example: Creation of high temperatures or humidity conditions. Do not use this product in greenhouses with unvented or defective gas heating systems or when open combustion exists.

#### AGRICULTURAL USE REQUIREMENTS

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about PPE, notification to workers, and restricted entry interval (REI). The requirements in this box only apply to uses of this product that are covered by the WPS.

Do not enter or allow worker entry into treated areas during the REI of 12 hr (with no ventilation). Early entry to treated areas is permissible after 4 hr (per 40 CFR 170.112) to perform short-term activities, such as ventilation procedures, provided personal protective equipment is worn as specified below. You may ventilate the treated areas per 40 CFR 170.110(c)(3) after 4 hr (i.e., 10 air exchanges are completed) or 2 hr of ventilation using fans or other mechanical ventilating systems, or 4 hr of ventilation using vents, windows, or other passive ventilation. The REI is equivalent to completion of ventilation (as described above) or 12 hr (with no ventilation), and no PPE is required after this time.

PPE required for early entry to treated areas that is permitted under the WPS and that involves contact with anything that has been treated, such as plants, soil, or water, is coveralls over long-sleeved shirt and long pants, chemical-resistant gloves (made of any waterproof material), socks, and shoes.

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

**PREAPPLICATION DIRECTIONS** For best results, apply during early evening when foliage is dry and temperature is between 60° – 80 F. Shut off all exhaust fans and close all windows, doors, and ventilators. Do not place cans within 10 horizontal ft of any ignition source, such as pilot lights, other open flames, or running electrical appliances that cycle off and on. Prepare a 3 ft plant-free zone in which to place canister(s). Canister(s) should be elevated above the top of plants; common practice is to place the canister(s) on a stool or overturned pot to elevate it. Place cans evenly throughout the area to be treated, positioned to allow uninhibited release. To treat hanging baskets, an empty basket can be used to hold the canister and elevate it to the hanging basket level.

**TOTAL RELEASE DOSAGE** Initially, make 2 applications 1 week apart. Additional applications may be made at 2-week intervals as long as immature insects are present or adult egg laying is expected.

Master Label

v4 0 1 (7/31/12 dmt)

**Use one 2 oz can/3,000 ft<sup>2</sup>** In situations where insect control is difficult due to tough to control insects or high crop density it is permissible to use one 2 oz can for 1 500 – 3 000 ft<sup>2</sup> For smaller greenhouses between 1 500 – 3 000 ft<sup>2</sup> use one 2 oz can

**TO ACTIVATE CANS** Hold the canister away from you and depress the actuator until it is locked down Place the canister in the plant free zone and leave the treatment area If activating more than 1 canister in the treatment area start at the far end of the area opposite from the exit door activating and placing cans as you move across the area until you have reached the exit door The entire contents of container(s) will automatically release

Once activation is completed leave the treatment area and close the door Use low volume horizontal air flow or have fans off for a minimum of 4 hr or all night if possible

**FOR USE ON**

**Bedding plants (including)** impatiens mangolds petunias geraniums and garden mums

**Cut flowers (including)** roses chrysanthemums carnations snapdragons and orchids

**Flowering hanging baskets (including)** fuchsia lantana New Guinea impatiens ivy and geraniums

**Foliage (including)** Boston fern dracaena ficus schefflera and philodendron

**Potted flowering plants (including)** poinsettia chrysanthemums florist's azaleas lilies African violets geraniums hibiscus kalanchoes and begonias

**Ornamentals (including)** azalea barberry cotoneaster euonymus holly ilex juniper oak pine rhododendron roses spiraea spruce viburnum and yew

**ALSO THESE GROWING CROPS**

**Crop Group 1 Root and Tuber Vegetables Group (including)** beet (garden & sugar) carrot potato radish sweet potato and turnip

**Crop Group 3 Bulb Vegetables (including)** garlic and onion

**Crop Group 4 Leafy Vegetables (Except Brassica Vegetables) Group (including)** celery endive lettuce parsley and spinach

**Crop Group 5 Brassica (Cole) Leafy Vegetables Group (including)** broccoli Brussels sprouts cabbage cauliflower collards kale and mustard greens

**Crop Group 6 Legume Vegetables (Succulent or Dried) Group (including)** field peas garden peas lima beans snap beans and soybeans

**Crop Group 8 Fruiting Vegetables (Except Cucurbits)—Commodities (including)** eggplant pepper (including bell chili sweet) and tomato

**Crop Group 9 Cucurbit Vegetables Group (including)** cucumber muskmelon pumpkin squash (summer & winter) and watermelon

**Crop Group 19 Herbs and Spices Group (including)** basil chive fennel marjoram (including oregano) parsley and thyme

**PLANT SAFETY INFORMATION** This product has been tested on a wide variety of plants and in our opinion has demonstrated excellent plant safety However not all varieties or strains of the plants listed have been tested Unintentional consequences such as crop injury or ineffectiveness may result because of certain environmental or growing conditions manner of use or application and insect resistance Therefore before treating a large number of plants spray a few plants and observe for plant damage and for performance prior to full scale application

**STORAGE AND DISPOSAL**

Do not contaminate water food or feed by storage or disposal

**PESTICIDE STORAGE** Store in a cool dry area away from heat or open flame and inaccessible to children

**PESTICIDE DISPOSAL** Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility

**CONTAINER DISPOSAL** 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 for disposal instructions

Contains no CFCs or other ozone depleting substances  
Federal regulations prohibit CFC propellants in aerosols



6/6

**CONDITIONS OF SALE AND WARRANTY**

Follow the **Directions for Use** It is impossible to eliminate all risks inherently associated with use of this product and therefore all such risk shall be assumed by the Buyer Whitmire warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use** subject to the inherent risks referred to above TO THE EXTENT CONSISTENT WITH APPLICABLE LAW (A) WHITMIRE MAKES NO OTHER WARRANTIES EXPRESS OR IMPLIED INCLUDING WARRANTIES OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY (B) BUYER S EXCLUSIVE REMEDY AND WHITMIRE S AND SELLER S EXCLUSIVE LIABILITY WHETHER IN CONTRACT TORT NEGLIGENCE STRICT LIABILITY OR OTHERWISE SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT AND (C) WHITMIRE AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL INCIDENTAL SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT Whitmire and the Seller offer this product and the Buyer accepts it subject to these **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of Whitmire

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