

73049-412

09-08-2011

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



OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

September 8, 2011

Nasser A. Assaf, Ph.D.  
Valent BioSciences Corporation  
870 Technology Way  
Libertyville, IL 60048

Subject: Amended Reregistration Label  
Product Name: Pramex Tech III  
EPA Registration Number: 73049-412  
EPA Decision Numbers: 413122

Dear Dr. Assaf:

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 permethrin RED, 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 Any previously dated CSFs are superseded.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 3/5/10

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 9/8/11  
Acute Toxicity Review, dated 7/19/11  
Product Chemistry Review, dated 7/14/11*

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# PRAMEX® TECH III

ACCEPTED

SEP 08 2011

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

• For The Formulation Of Insecticides Only

**ACTIVE INGREDIENT:**

Permethrin\* ..... 95.2 %

**OTHER INGREDIENTS:** ..... 4.8 %  
100.0 %

EPA. Reg. No: 73049-412

\*Cis-trans isomers ratio: Max. 55% (+/-) cis and min 45% (+/-) trans.

**PRECAUCION AL CONSUMIDOR:** Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

**(TO THE USER:** If you cannot read English, do not use this product until the label has been fully explained to you.)

EPA REG. NO. 73049-412

EPA EST NO.

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

See Side Panel For Additional Precautionary Statements

<b>FIRST AID</b>	
<b>If Swallowed:</b>	<ul style="list-style-type: none"> <li>• Call a poison control center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>If on Skin or Clothing:</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in Eyes:</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If Inhaled:</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>HOT LINE NUMBER</b>	
<p>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 product (including health concerns, medical emergencies or pesticide incidents), you may call 1-877-315-9819.</p>	

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## PRECAUTIONARY STATEMENTS

### Hazards To Humans & Domestic Animals

#### CAUTION

Harmful if swallowed or absorbed through skin. Harmful if inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Avoid breathing vapors or spray mist. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before drinking, eating, chewing gum or using tobacco. Remove contaminated clothing and wash before reuse.

#### Environmental Hazards

This product is extremely toxic to aquatic organisms, including fish and invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, ocean or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA. Do not contaminate water when disposing of equipment wash-waters.

#### Physical or Chemical Hazards

Do not use or store near heat or open flame.

#### DIRECTIONS FOR USE

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

This product may be used to formulate products for specific use(s) not listed on the Manufacturing Product (MP) label if the formulator, user group, or grower has complied with U.S. EPA submission requirements regarding support of such use(s).

Formulators using this product are responsible for obtaining an EPA registration for their products.

#### Only for formulation into an insecticide for the following uses:

##### Terrestrial Food

Alfalfa	Leafy vegetables (except Brassicas) <sup>3</sup>
Almonds	Mushrooms
Apples	Onions (dry bulb & garlic)
Artichokes	Papaya (FL only)
Asparagus	Peaches
Asparagus fern	Pears
Avocados	Peppers, bell
Cherries	Pistachios
Cole crops <sup>1</sup>	Potatoes
Cucurbit vegetables <sup>2</sup>	Range Grass (NM only)
Eggplant	Soybeans
Field Corn/Pop Corn/Seed Corn	Sweet corn
Filberts	Tomatoes
Horseradish	Turnips
	Walnuts

- 1 **Cole Crops:** Broccoli, Chinese broccoli, Brussels sprouts, cabbage, Chinese cabbage, cauliflower, Cavolo broccolo, and kohlrabi.
- 2 **Cucurbit Vegetables:** Chayote (fruit) (*Sechium edule*); Chinese waxgourd (Chinese preserving melon) (*Bemincasa hispida*); Citron melon (*Citrullus lanatus* var. *citroides*); Cucumber (*Cucumis sativus*); Gherkin (*Cucumis anguria*); Gourd, edible (*Lagenaria* spp.) (Includes hyotan, cucuzza); (*luffa* spp.) (includes hechima, Chinese okra); (*Momordica* spp.) (Includes balsam apple, balsam pear, bitter melon, Chinese cucumber); Muskmelon (hybrids and/or cultivars of *Cucumis melo*) (includes true cantaloupe, cantaloupe, casaba, crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, and snake melon); Pumpkin (*Cucurbita* spp.); Squash, summer (*Cucurbita pepo* var. *melopepo*) (includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini);

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Squash, winter (*Cucurbita maxima*; *C. Moshata*) (includes butternut squash, calabaza, hubbard squash; (*C. mixta*; *C. pepo*) includes acorn squash, spaghetti squash); Watermelon (includes hybrids and/or varieties of *Citrullus* spp.).

- 3 **Leafy Vegetables:** Amaranth (leafy amaranth, Chinese spinach, tampala); Arugula (Roquette); Cardoon; Celery; Celery, Chinese; Celtuce; Chervil; Chrysanthemum, edible-leaved and garland; Corn salad; Cress, garden; Cress, upland (yellow rocket, winter cress); Dandelion; Dock (sorrel); Endive (escarole); Fennel, Florence (finocchio); Lettuce, head and leaf; Orach; parsley; Purslane, garden; purslane, winter; Radicchio (red chicory); Rhubarb; spinach; spinach, vine (Malabar spinach, Indian spinach); spinach, New Zealand; Swiss chard.

**Terrestrial Non-Food:** Christmas Trees (container & field-grown), Chysanthemums, Conifers (container & field-grown), Ornamental, Nursery Stock (field-grown), Pine Seed Orchards, Roses (field-grown & greenhouse).

**Domestic Farm Animals:** Cattle, Horses, Hogs, Poultry.

#### **Agricultural Premises**

#### **Companion Animals**

#### **Termiticide Soil Contact Non-Fumigation Treatment**

##### **General Outdoor Insect Control**

Limit applications to 2 lbs. Active ingredient per acre per year.

##### **General Indoor Insect Control:**

All liquid and RTU products labeled for use on indoor surfaces (broadcast, baseboard, spot, and crack and crevice) at residential sites must be formulated to contain no more than 0.5% of permethrin active ingredient.

All liquid products (excluding RTU aerosols) labeled for use on indoor surfaces must state the following "Not for broadcast use."

Total release foggers labeled for indoor use at residential sites must be formulated to contain no more than 0.58% permethrin active ingredient.

**Food Handling Establishments:** Places other than private residences in which food is held, processed, prepared or served.

**Non-Food/Feed Areas:** May be used to manufacture end-use products for use as a general spot or crack and crevice treatment in non-food areas. Similar areas where insects hide or through which insects may enter can be treated. Examples of non-food areas include: garbage rooms, lavatories, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling).

**Food/Feed Areas:** May not be used to manufacture products for use in food/feed areas. Do not use in food areas of food handling establishments, restaurants or other areas where food 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. Examples of food areas are areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing, edible wastes storage and enclosed processing systems (mills, dairies, edible oils, syrups), serving areas (when food is exposed and facility is in operation) also would be considered a food area.

#### **Fiber Product Production**

Do not exceed an application rate equivalent to 1.25 grams of a.i. per square meter of fabric.

#### **Human Articles and Materials**

Do not exceed an application rate equivalent to 1.25 grams of a.i. per square meter of fabric.

#### **Human Body Hair**

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6**Other Uses:**

1. Uses for which US EPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration; and
2. Uses for experimental purposes that are in compliance with US EPA requirements.

**Note: Not for use to formulate products to be used:**

- In warehouses where raw or cured tobacco is stored.
- In warehouses while raw agricultural commodities for food or feed are stored.
- In greenhouses where crops for food or feed are grown
- In Federally inspected meat and egg processing plants.
- For mosquito control (ULV) products.
- For handheld foggers.

Not for formulation into wettable powder end use products (EUP), unless the EUP is packaged in water soluble bags.

**STORAGE AND DISPOSAL**

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

**Pesticide Storage and Spill Procedures:** Store upright at room temperature. Avoid exposure to extreme temperatures. In case of spill or leakage, soak up with an absorbent material such as sand, sawdust, earth, fuller's earth, etc. Dispose of with chemical waste.

**Pesticide Disposal:** Pesticide, spray mixture or rinse water that cannot be used according to label instructions may be disposed of on site or by an approved waste disposal facility.

**Container Disposal:** Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available, or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill or by other procedures approved by State and local authorities.

**IMPORTANT: READ BEFORE USE**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following conditions, disclaimer of warranties and limitations of liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. 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 Valent BioSciences Corporation. All such risks shall be assumed by the user or buyer.

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