

432-551

09/01/2011

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



OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

September 1, 2011

Gregory Mattern  
Bayer Environmental Science  
PO Box 12014  
2 TW Alexander Drive  
Research Triangle Park  
NC 27709

Subject: Amended Reregistration Label  
Product Name: Pramex Technical Insecticide  
EPA Registration Number: 432-551  
EPA Decision Numbers: 413536

Dear Mr. Mattern:

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 Any previously dated CSFs are superseded.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 2/15/10

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 9/1/11  
Acute Toxicity Review, dated 7/19/11  
Product Chemistry review, dated 7/14/11*

ACCEPTED  
SEP 01 2011  
Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended, for the  
pesticide registered under:

# PRAMEX<sup>®</sup> TECHNICAL INSECTICIDE

EPA. Reg. No: 432-SS1

AN INSECTICIDE FOR MANUFACTURING/FORMULATING USE ONLY. NOT FOR RESALE UNDER THIS LABEL.

ACTIVE INGREDIENT:  
Permethrin ..... 95.20%  
OTHER INGREDIENTS: ..... 4.80%

EPA Reg. NO. 432-551 EPA Est. No.

## KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
IF SWALLOWED:	<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 the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
IF ON SKIN OR CLOTHING:	<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 immediately for treatment advice.</li> </ul>
IF IN EYES:	<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 immediately for treatment advice.</li> </ul>
IF INHALED:	<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 by mouth-to-mouth, if possible.</li> <li>• Call a Poison Control Center or doctor immediately for treatment advice.</li> </ul>
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-334-7577 for emergency medical treatment information.	
For Product Information Call, Toll-Free: 1-800-331-2867	
In case of Medical emergencies or health and safety inquiries or in case of fire, leaking or damaged containers, information may be obtained by calling 1-800-334-7577	

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS & DOMESTIC ANIMALS

##### CAUTION

Harmful if swallowed. Harmful if absorbed through skin. Harmful if inhaled. Avoid breathing vapors or spray mists. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

##### Environmental Hazards

This pesticide is extremely toxic to aquatic organism, including fish and invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans 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 to 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 by cleaning of equipment or disposal of wastes.

## PHYSICAL AND 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.

Formulators using this product are responsible for obtaining EPA registration for their formulated product which may be labeled for use patterns as found listed on this label. This product maybe used to formulate products for specific uses(s) not listed on the MP label if the formulator, user group, or grower has complied with U.S. EPA submission requirements regarding support of such use(s).

Only for formulation into an insecticide for the following uses:

1. Food Crops (Domestic Outdoor Only)

Alfalfa	Leafy Vegetables <sup>3</sup>
Almonds	Mushrooms
Apples	Onions (Dry bulb and 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/Popcorn/ Seed Corn	Sweet Corn
Filberts	Tomatoes
Horseradish	Turnips (only in FL, GA, IL, IN, OK, SC, TX and WA)
	Walnuts

<sup>1</sup>COLE CROPS: Broccoli, Chinese broccoli, Brussels, sprouts, cabbage, Chinese cabbage, cauliflower, collards (only in AR, AZ, GA, IL, NC, OK, SC, and TX) and mustard greens.

<sup>2</sup>CUCURBIT VEGETABLES: Chayote (fruit); Chinese waxgourd (Chinese preserving melon); citron melon; cucumber, gherkin; gourds, edible (includes hyotan, cucuzza, hechima, Chinese okra); Momordica spp. (includes balsam apple, balsam pear, bitter melon, Chinese cucumber); muskmelons, including hybrids such as true cantaloupe, cantaloupe, casaba, crenshaw, golden pershaw melon, honeydew melons, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, snake melon); pumpkin; squash, summer (includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini) and winter (butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash); watermelon, including hybrids.

<sup>3</sup>LEAFY VEGETABLES (Except Brassica): Amaranth (leafy amaranth, Chinese spinach, tampala); arrugula (roquette); cardoon; celery; Chinese celery; celtuce; chervil; corn salad; chrysanthemum, edible-leaved; chrysanthemum, garland; cress, garden; cress, upland (yellow rocket, winter cress); dandelion dock (sorrel); endive (escarole); fennel, Florence; 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.

2. **Terrestrial Nonfood:** Christmas Trees (container & field-grown), Chrysanthemums, Conifers (container & field-grown) Ornamentals/Nursery Stock (field-grown), Pine Seed Orchards, Roses (field-grown & greenhouse)

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

4. **Agriculture Premise**

5. **Companion Animals**

6. **General Outdoor Insect Control**

7. **General Indoor Insect Control**

Food/Feed Handling Establishments Places other than private residences in which food/feed is held, processed, prepared or served.

Nonfood/feed Areas: May be used to manufacture end-use products for use as a general spot or crack and crevice treatment in non-food/feed areas. Similar areas where insects hide or through which insects may enter can be treated. Examples of nonfood/feed areas including garage 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 waste 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.

**8. Fiber Product Protection**

NOTE: Not for use to formulate products to be used in warehouses where raw or cured tobacco is stored or while raw agricultural commodities for food or feed are stored, or in greenhouses where crops for food feed are grown.

Not for formulation into Wettable Powder formulations unless they are packaged in water soluble bags.

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.

For formulation into products intended for impregnated fabric applications, do not exceed an application rate equivalent to 1.25 grams of a.i. per square meter of fabric.

Not for formulation into handheld foggers.

**STORAGE AND DISPOSAL**

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

**Storage:** Keep container closed when not in use. Do not store near food or feed. Protect from freezing. IN case of spill or leak on floor or paved surfaces, soak up with sand, earth or synthetic absorbent. Remove to chemical waste area. 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:** Wastes resulting from the use of this product must be disposed of at an approved waste disposal facility.

**Container Disposal:**

For Non-Refillable Containers:

Non-refillable container. Do not reuse or refill this container. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto ist other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling, if available or dispose of empty bag in a sanitary landfill or, if allowed by government regulations, by burning or incineration. If bag is burned, stay out of smoke. Consult Federal, State or Local disposal authorities for approved alternative procedures.

For Refillable Containers:

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

**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, because of manner of use and other factors beyond Bayer CropScience's control, it is impossible for Bayer CropScience to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

**DISCLAIMER OF WARRANTIES:** TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, Bayer CropScience disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

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Pramex is a registered trademark of Bayer.

PRODUCT OF INDIA

PRODUCED FOR



**Bayer Environmental Science**

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