

100-984

1-12-2004

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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

January 12, 2004

Fred J. Pearson  
Syngenta Corp Protection, Inc.  
P.O. Box 18300  
Greensboro, NC 27419

Subject: Label Amendment - Updating First Aid Statement per PR Notice 2001-1,  
Permethrin Technical Insecticide  
EPA Reg. No. 100-984  
Your Submission Dated September 3, 2003

Dear Mr. Pearson:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. Two (2) copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy of the label is enclosed for your records.

1. Revise "Wash thoroughly after handling" with "Wash thoroughly with soap and water after handling." in Precautionary Statements.
2. Add "Causes moderate eye irritation. Wear goggles, face shield or safety glasses." to Precautionary Statements.
3. Revise the Environmental Hazards first paragraph as follows:

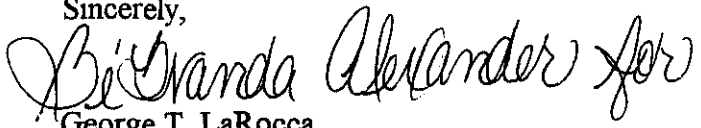
"This product is extremely toxic to fish and other aquatic organisms. Do not contaminate water when disposing of equipment washwaters."

4. Delete "In no event shall Syngenta or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product." from the Warranty statement. This statement is overly broad and implies buyer has no legal right to recover damages from manufacturer and is unacceptable under statutory and regulatory standards.

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Note, based on the acute toxicity of your product, you are not required to have an If inhaled first aid statement. You may delete these statements if you wish. If you have any questions regarding this action, please contact BeWanda Alexander of my team at (703) 305-7460.

Sincerely,



George T. LaRocca  
Product Manager (13)  
Insecticide Branch  
Registration Division (7505C)

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Permethrin Technical  
Insecticide

An Insecticide for Formulating Use Only

Active Ingredient:

(3-Phenoxyphenyl)methyl(±)- <i>cis, trans</i> -3-(2,2-dichloroethenyl)- 2,2-dimethylcyclopropanecarboxylate* .....	95.2%
Other Ingredients .....	4.8%
<b>Total:</b>	<b>100.0%</b>

\**Cis/trans* ratio: Min. 35% (±) *cis* and max. 65% (±) *trans*

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

See additional precautionary statements and directions for use on label.

EPA Reg. No. 100-984  
EPA Est. No. XXXX

SCP 100-984A-M(draft first aid)

ACCEPTED  
with COMMENTS  
in EPA Letter Dated  
JAN 12 2004  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
100-984

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<b>FIRST AID</b>	
<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 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 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 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 by mouth-to-mouth, if possible.</li> <li>• Call a poison control center or doctor for treatment advice</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
<b>HOT LINE NUMBER</b> For 24 Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call <b>1-800-888-8372</b>	

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION**

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly after handling.

**Environmental Hazards**

This product is extremely toxic to fish. Keep out of lakes, streams, ponds, tidal marshes or estuaries. Do not contaminate water by cleaning of equipment or disposal of wastes.

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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.

**Physical Or Chemical Hazards**

Do not use or store near heat or open flame.

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**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

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**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of Syngenta Crop Protection, Inc. or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Syngenta and Seller harmless for any claims relating to such factors.

Syngenta warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or Syngenta, and Buyer and User assume the risk of any such use. **SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.**

In no event shall Syngenta or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

Syngenta and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of Syngenta.

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### 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 the use patterns as found listed on this label.

Only for formulation into an insecticide for the following uses:

#### 1. Terrestrial Food

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

<sup>1</sup> COLE CROPS: Broccoli, Chinese broccoli, Brussels sprouts, Cabbage, Chinese cabbage, Cauliflower, Collards, Kale, Kohlrabi, Mustard greens, and Rape 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); arrugla (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.

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**Terrestrial Nonfood**

- Christmas Trees  
(container & field-grown)
- Chrysanthemums
- Conifers  
(container & field-grown)

- Ornamentals 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 nonfumigation treatment**

**General Outdoor Insect Control**

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

**General Indoor Insect Control**

**Food Handling Establishments:** Places other than private residences in which food 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 nonfood areas. Similar areas where insects hide or through which insects may enter can be treated. Examples of nonfood 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.



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## **Fiber Product Protection**

### **Human Articles and Materials**

#### **Human Body Hair**

**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 USDA meat and egg processing plants.
  - For mosquito control (ULV) products.
2. **Uses for which USEPA has accepted the required data and/or citations of data that the formulator has submitted in support of registration; and**
  3. **Uses for experimental purposes that are in compliance with USEPA requirements.**

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## **STORAGE AND DISPOSAL**

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### **Prohibitions**

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container.

### **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.

### **Pesticide Disposal**

Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

### **Container Disposal**

Triple rinse (or equivalent); then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

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For non-emergency (e.g., current product information) call  
Syngenta Crop Protection at 1-800-334-9481

Syngenta Crop Protection, Inc.  
Greensboro, North Carolina 27409  
[www.syngenta-us.com](http://www.syngenta-us.com)

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Chron

5/21/02 – Syngenta format

6/14/02 – minor typo corrections

8/27/03 – Draft-Revised First Aid per PR Notice 2001-1

