



100-1013

1-9-2004

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## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

JAN 9 2004

Mr. Fred J. Pearson  
NAFTA Insecticides Team Leader  
Regulatory Affairs  
Syngenta Crop Protection  
P.O. Box 18300  
Greensboro, NC 27419-8300

Subject: Amendment - Revise Signal Word from Warning to Danger  
PP 321 Technical (Cyhalothrin 81%)  
EPA Registration No. 100-1013  
Your submission dated March 24, 2003

Dear Mr. Pearson:

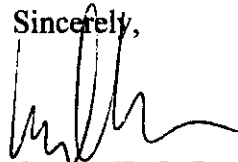
The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable, subject to the comments listed below.

1. The Agency has reviewed the cited acute oral toxicity study (MRID 45698201) submitted in support of Syngenta's request to change the signal word from Warning to Danger, and found it to be acceptable. The signal word for EPA Reg No. 100-1013 has been changed from Warning to Danger.
2. The respirator statement needs to be updated as per PR Notice 98-9.
3. Please add "and other aquatic organisms" to the "Environmental Hazards" section.
4. You have only listed cotton under the uses for terrestrial food. You must list all crops with tolerances.
5. In the warranty statement, please change "In no event" to "To the extent permitted by law, Syngenta or Seller shall not be liable..."

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A stamped copy of the label is enclosed for your records. If you have any questions, please call Dr. William Sproat of my team at 703-308-8587.

Sincerely,

A handwritten signature in black ink, appearing to read 'G. LaRocca', with a stylized, cursive script.

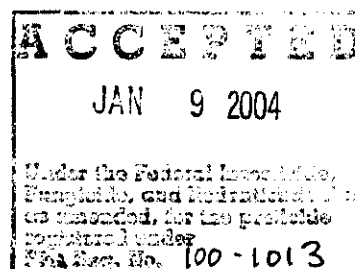
George T. LaRocca  
Product Manager 13  
Insecticide Branch  
Registration Division (7505C)

Enclosure

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# LAMBDA-CYHALOTHRIN TECHNICAL

For Manufacturing Use Only In Formulating Insecticides



Active Ingredient:

Lambda-cyhalothrin

[1α(S\*),3α(Z)]-(±)-cyano(3-phenoxyphenyl)methyl

3-(2-chloro-3,3,3-trifluoro-1-propenyl)-

2,2-dimethylcyclopropanecarboxylate ..... 89.0%

Other Ingredients: ..... 11.0%

Total: ..... 100.0%

KEEP OUT OF REACH OF CHILDREN.



DANGER / PELIGRO

POISON

(red type)

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See additional precautionary statements and directions for use on label.

EPA Reg. No. 100-1013

EPA Est.

Product of the United Kingdom

SCP 1013A-M(draft 3-24-03)

Net Contents

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<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 a 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 a 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 eyes.</li> <li>• Call a poison control center 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>
Have the product container with you when calling a Poison Control Center or doctor or going for treatment.	
<p align="center"><b>HOTLINE NUMBER</b></p> <p align="center">For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident).</p> <p align="center">Call <b>1-800-888-8372</b></p>	

**PRECAUTIONARY STATEMENTS****Hazards to Humans and Domestic Animals**

**DANGER / PELIGRO**  
**POISON**  
(red type)

Fatal if swallowed. May be fatal if absorbed through skin or inhaled. Causes substantial but temporary eye injury. Do not get in eyes, on skin, or on clothing. Wear protective clothing, goggles or full face shield and rubber gloves. Do not breathe vapors. Wear mask or respirator jointly approved by the Mining Enforcement and Safety Administration and the National Institute for Occupational Safety and Health. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse.

3 new respiratory language

**Environmental Hazards**

This pesticide is extremely toxic to fish. ✕

Do not discharge effluent containing this product directly into lakes, streams, ponds, estuaries, oceans, or public waters unless this product is specifically identified and addressed in an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage

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treatment plant authority. For guidance contact your State Water Board or Regional Office of the Environmental Protection Agency.

**Physical And 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. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather 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 of 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.

Only for formulation into an insecticide for the following uses:

- (1) Terrestrial Nonfood  
Terrestrial Food: Cotton X  
Domestic Indoor and Outdoor  
Nonfood Greenhouse;
- (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.

### Storage

Keep container closed when not in use. 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 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, Environmental Control Agency, or the Hazardous Waste Representative of the nearest EPA Regional Office for guidance.

### Container Disposal

#### Metal Containers

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

#### Plastic Containers

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

SCP 1013A-M(draft 3-24-03)

LAM TEC 1013A-M(draft 3-24-03clean) - lg - 3-24-03

**CHRON**

11/20/01 – Syngenta format; revised First Aid per FR Notice 2001-1; revised active ingredient statement

05/14/02 – Added Spanish signal word and precautionary statement

03/24/03 – Revised % of a.i.; changed Signal Word to "Danger" and added "Poison" and skull and cross bones; revised precautionary statement; revised container disposal.