

74921-1

3/31/2004

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
1200 Pennsylvania Ave., N.W.  
Washington, D.C. 20460

EPA Reg. Number:  
74921-1

Date of Issuance:  
MAR 31 2004

NOTICE OF PESTICIDE:

Registration  
 Reregistration

Term of Issuance: **Conditional**

Name of Pesticide Product:  
**Gamma-Cyhalothrin  
Technical**

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Pytech Chemicals GmbH  
9330 Zionsville Road  
Indianapolis, IN 46268

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A), since you have agreed to:

1. You must submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of you product under FIFRA section 4.
2. You must submit or cite the following data:
  - a. Developmental Neurotoxicity Study GRN (870-6000) (the study on lambda will satisfy gamma).
  - b. Dermal/Inhalation Exposure - GRN(875-2400, 2500) - you must submit an offer to pay statement or identify your membership in the Ag Reentry Task Force
  - c. Spray Droplet/Spray Drift - GRN(840-1100, 1200) - you must submit an offer to pay statement or identify your membership in the Spray Drift Task Force

Signature of Approving Official:

George T. LaRocca

Date

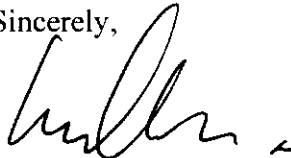
MAR 31 2004

- d. Special Studies(to evaluate ecological risk of pyrethroids) - you must submit an offer to pay statement or cite your membership in the PWG
- e. Adequate one year storage stability (830.6317), corrosion characteristics (830.6320), and oxidation/reduction (830.6314) data must be submitted to the Agency when completed.

Please submit three (3) copies of your final printed label for before your release the product for shipment. Please refer to the A-79 enclosure for a further description of final printed labeling. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact Dr. William Sproat of my team at (703) 308-8587.

Sincerely,



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

Enclosure

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(logo) Pytech Chemicals

# Gamma-cyhalothrin Technical Insecticide

## For Manufacturing Use Only

### Active Ingredient:

Gamma-cyhalothrin: (R)-cyano(3-phenoxyphenyl) methyl (1R,3R)-3-[(1Z)-2-chloro-3,3,3-trifluoroprop-1-enyl]-2,2-dimethylcyclopropanecarboxylate .....	98.8%
Inert Ingredients .....	1.2%
Total Ingredients .....	100.0%

ACCEPTED  
with COMMENTS  
in EPA Letter Dated  
  
MAR 31 2004

**DANGER**  **POISON**  
[Editors note: the word POISON must appear in red]

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 74921-1

**First Aid**

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, and then give artificial respiration, preferably mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

**If swallowed:** Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

**Note to Physician:** Very toxic if inhaled by mist. If breathing has stopped, start artificial respiration immediately and maintain until physician takes charge of the exposed person. Eye contact causes severe irritation and/or physical distress. For eye contamination, instillation of a local anesthetic can be considered. Skin exposure may result in tingling, itching, burning, or prickly sensation with immediate onset or up to 4 hours after exposure and last 2 to 30 hours. Wash exposed areas once with soap and water. Relief may be obtained by application of an oil-based cream.

Have product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact call 1-800-992-5994 for emergency medical treatment information.

### Precautionary Statements

#### Hazards to Humans and Domestic Animals

**DANGER/POISON: Fatal If Inhaled • Corrosive • Causes Irreversible Eye Damage • May Be Fatal If Swallowed Or Absorbed Through The Skin • Causes Skin Irritation • Prolonged Or Frequently Repeated Skin Contact May Cause Allergic Reactions In Some Individuals •**

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Do not breathe mist or vapors. Do not get in eyes, on skin or clothing.

### Personal Protective Equipment (PPE)

For activities involving potential exposure, the following personal protective equipment must be worn:

- Chemical goggles
- Long-sleeved shirt and long pants
- Chemical-resistant gloves
- Chemical-resistant footwear plus socks
- A non-powered air purifying respirator equipped with an N-, R-, or P-series filter
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron for cleaning equipment

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### User Safety Recommendations

- Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco.
- Remove clothing 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.

### Environmental Hazards

This pesticide is extremely toxic to fish and other aquatic organisms. 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 further guidance, contact your state water board or regional office of the EPA.

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### Directions for Use

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

#### For Manufacturing Use Only

**Only for formulation into an insecticide for the following use(s):** (1) Crops including alfalfa, canola, cole crops (including broccoli, brussels sprouts, cabbage, cavalo broccoli, cauliflower, Chinese broccoli (gai lan) Chinese cabbage (napa), Chinese mustard cabbage (gai choy) and kohlrabi), corn (including field corn, popcorn sweet corn, and seed corn), cotton, fruiting vegetables (including tomato, tomatillo, peppers (bell and non-bell) eggplant, ground cherry, and pepino), legume vegetables (peas and beans), lettuce (head and leaf), onion/garlic, peanuts, pome fruits (including apple, crabapple, loquat, mayhaw, oriental pear, pear and quince), rice, sorghum (grain), soybean, stone fruits (including apricot, sweet and tart cherry, nectarine, peach, plum, chickasaw plum, damson plum, Japanese plum, plumcot, and prune), sugarcane, sunflower, tobacco, tree nuts (including almond, beech nut, Brazil nut, butternut, cashew, chestnut, chinquapin, filbert (hazelnut), hickory nut, macadamia nut (bush nut), black walnut, English walnut (Persian) and pecan), wheat (including triticale); (2) Conifer and deciduous trees (including plantations, nurseries and seed orchards); and (3) Non-crop areas (excluding public land) adjacent to labeled crops.

Formulators using this product are responsible for obtaining EPA registration of these products.

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**Storage and Disposal**  
 Do not contaminate water, food, or feed by storage or disposal.  
**Pesticide 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 acutely hazardous. 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 at the nearest EPA Regional Office for guidance.  
**Container Disposal**  
**Metal Containers:** 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.  
**Plastic Containers:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

**Warranty Limitations and Disclaimer**

Pytech Chemicals warrants that at the time of delivery, the product will conform to its chemical description on the label, that it will pass without objection in the trade under the contract description, that seller will convey good title thereto, and that such product will be delivered free from any lawful security interest, lien or encumbrance.

This is the only warranty made on this product. Pytech Chemicals EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND, EXCEPT AS SET FORTH IN THE ABOVE PARAGRAPH, ANY OTHER EXPRESS OR IMPLIED WARRANTIES. Buyer acknowledges the use of its own independent skill and expertise in the selection and use of the product and does not rely on any oral or written statements or representations.

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994.

Manufacturing Chemical: Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 74921-1

EPA Est. \_\_\_\_\_

Pytech Chemicals GmbH • Indianapolis, IN

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