



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:

100-914

Date of Issuance:

December 8,  
1999

Term of Issuance: Conditional

Name of Pesticide Product: Pymetrozine  
Technical

NOTICE OF PESTICIDE:

- Registration
- Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Novartis Crop Protection, Inc.  
Regulatory Affairs  
P.O. Box 18300  
Greensboro, NC 27419-8300

Attention: Dr. Robert Wurz

5571235

10/18

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)(C) provided that:

- A. within 6 months of receipt of a letter outlining any deficiencies in the analytical methods now undergoing trials for validation, you submit the missing information or data.
- B. within 15 months of receipt of this notice, you submit the following two product chemistry tests:
  1. Storage Stability (63-17)
  2. Corrosion Characteristics (63-20)

Signature of Approving Official:

Daniel B. Peacock

Date:

December 8, 1999

C. within one (1) year of this notice, you submit the following data:

- 1. Ecological Effects Data  
Acute Estuarine/Marine Toxicity (shrimp), 72-3(c)
- 2. Environmental Fate Data  
Photodegradation on Soil (161-3)

D. within two (2) years of this notice, you submit the following data:

- 1. Toxicology Data:  
Developmental Neurotoxicity Study (870-6300 or 83-6)
- 2. Ecological Effects Data:  
Avian Reproduction (mallard), 71-4(b)

E. within three (3) years of this notice, you submit the following data:

- 1. Environmental Fate Data:  
Drinking water monitoring

F. Make the following changes to your labeling and submit three (3) copies of the final printed labeling before you release the product for shipment.

- 1. Revise Page 1 of your label as follows:

**TECHNICAL PYMETROZINE**

An insecticide for reformulation only into registered end-use products for sites listed in the "DIRECTIONS FOR USE".

<b>ACTIVE INGREDIENT</b>	
Pymetrozine (CAS No. 123312-89-0) .....	98.3%
<u>OTHER INGREDIENTS .....</u>	<u>1.7%</u>
<b>TOTAL</b>	<b>100.0%</b>

- 2. Under "DIRECTIONS FOR USE", delete "(USA)" and add a blank line after the misuse statement and the sentence listing the sites.

3. Revise your "Pesticide Disposal" statement as follows:

#### STORAGE AND DISPOSAL

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

#### STORAGE

Store only in original container, in a dry place inaccessible to children and pets. Product is hygroscopic. Keep the container tightly closed. [Add any additional information, based on "Storage Instructions" factors 1 to 5 in PR Notice 83-3, pp 2,3.]

*For minor spills ... day or night.*

#### PESTICIDE DISPOSAL

Pesticide wastes ... methods.

#### CONTAINER DISPOSAL

Triple rinse ... burning containers.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A copy of the label stamped "Accepted" is enclosed for your records.

Dan Peacock, Biologist  
Insecticide-Rodenticide Branch  
Registration Division (7504C)

Enclosures: 1. Stamped Label  
2. Minimum Type Sizes for Final Printed Labels

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(Drum Label)

Pymetrozine Technical

For use only in the manufacture of EPA registered insecticidal formulations

ACCEPTED with COMMENTS in EPA Letter Dated:

Active Ingredient:

DEC 8 1999

Pymetrozine: (CAS No. 123312-89-0)	Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.	98.3%
Inert Ingredients:		1.7%
Total:		100.0%

100-914

Instructions for Formulation

This technical product may be used only for the manufacture of EPA registered insecticidal formulations.

EPA Reg. No. 100-914

EPA Est. No. 70992-CHE-003

KEEP OUT OF REACH OF CHILDREN.

CAUTION

110 POUNDS  
U.S. Standard Measure

Product of Switzerland

**DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY**

**IMPORTANT:** Read the entire **Directions for Use** and the **Conditions of Sale and Warranty** before using this product. If terms are not acceptable, return the unopened product container at once.

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**CONDITIONS OF SALE AND WARRANTY**

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The **Directions for Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, 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 Novartis Crop Protection, Inc. or the Seller. All such risks shall be assumed by the Buyer.

Novartis warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use** subject to the inherent risks referred to above. **Novartis makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Novartis or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product.** Novartis and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing **Conditions of Sale and Warranty**, which may be varied only by agreement in writing signed by a duly authorized representative of Novartis.

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**DIRECTIONS FOR USE**

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It is a violation of federal law (USA) to use this product in a manner inconsistent with its labeling. An insecticide for formulation only into registered end-use products for use on the following sites: terrestrial food crops, terrestrial non-food crops, greenhouses, residential outdoors and indoors.

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**STORAGE AND DISPOSAL**

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Store in a cool, dry place.

**Pesticide Disposal**

Do not contaminate water, food, or feed by storage or disposal. Pesticide wastes may be toxic. Improper disposal of unused pesticide is a violation of federal law. If these wastes cannot be used according to label instruction, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

**Container Disposal**

Triple rinse container. Then offer for recycling or reconditioning, or puncture and dispose of using one of the following methods: (1) depositing in a sanitary landfill, (2) incineration, or, (3) burning, if allowed by state and local ordinances. Stay out of smoke from burning containers.

For minor spills, leaks, etc., follow precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

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**PRECAUTIONARY STATEMENTS**

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**Hazards to Humans and Domestic Animals****CAUTION**

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

<b>FIRST AID</b>	
Have container or label when seeking treatment advice.	
<b>If product:</b>	<b>Then:</b>
<b>Gets on skin</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, doctor, or 1-800-888-8372 for treatment advice.</li> </ul>
<b>Gets in eyes</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 5 minutes.</li> <li>• Remove contact lenses, if present.</li> <li>• Continue to rinse eyes for 10-15 minutes.</li> <li>• Call a poison control center, doctor, or 1-800-888-8372 for treatment advice.</li> </ul>

<b>Note to Doctor</b>	<ul style="list-style-type: none"> <li>• If ingested, induce emesis or lavage stomach. Treat symptomatically.</li> </ul>
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**Environmental Hazards**

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.

Novartis Crop Protection, Inc.  
Greensboro, North Carolina 27419

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[QUARK\PYMETROZINE/TECH PYMETROZINE] - ccg - 11/9/99