

100-936

12-4-2000

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number

Date of Issuance

100-936

DEC 4 2000

Term of Issuance: **Conditional**

Name of Pesticide Product:

**Thiamethoxam Technical**

**NOTICE OF PESTICIDE:**

**Registration**  
 **Reregistration**

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Syngenta Crop Protection, Inc.  
P.O. Box 18300  
Greensboro, NC 27419-8300  
Attn: Robert Wurz

**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 you submit the following data and label revisions:

1. Submit and/or cite all data required for registration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. Before you release the product for shipment revise the EPA Registration number to read "EPA Reg. No. 100-936".
3. Submit the following information to satisfy the data gaps in the data base for Thiamethoxam and its metabolite. The following information is required within 15 months of the date of this Notice:

**Residue Chemistry:**

- 860.1340: Modification of Method AG-675 to add microwave extraction of liver or a new enforcement method for liver; additional radiovalidation data for beef liver
- 860.1380: Storage stability data continued to cover the conditions and intervals that plant and animal commodity samples were stored (up to 30 months)
- 860.1480: Reanalysis of the cow liver samples from the feeding study using a microwave extraction step
- 860.1900: Reanalysis of field rotational crop samples for metabolite CGA-265307 and description of storage conditions for future uses
- 860.1300: Plant metabolism study on a leafy vegetable (Crop Group 4 or 5)
- 860.1300: Poultry metabolism study

4. Submit the following information to satisfy the data gaps in the data base for Thiamethoxam and its metabolite. The following information is required within two years of the date of this Notice:

Signature of Approving Official:

Date:

DEC 4 2000

EPA form 8570-6 (EPA reg. No. 100-936) continued from page 1...

**Toxicology Data:**

870.6300: Developmental neurotoxicity study.

**Ecological Effects Data:**

72-4b: Daphnia chronic study repeated to fulfill guideline requirements

5. Submit two (2) 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.

A stamped copy of the label is enclosed for your records. If you have any questions regarding this action, please contact Dani Daniel at 703 305-5409.

Sincerely,

Kerry Leifer, Acting Chief  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

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3166-20314 10-06-00 SCP 01-01 (12-06-00)

Thiamethoxam Technical – 300 lb. drum label – 10 x 10 – EPA/Mech

SCP 3166...

# Thiamethoxam Technical

## INSECTICIDE

For Manufacturing Purposes Only

**Active Ingredient:**

Thiamethoxam, 4*H*-1,3,5-Oxadiazin-4-imine,  
3-[(2-Chloro-5-thiazolyl)methyl]tetrahydro-5-  
methyl-N-nitro-(CAS No. 153719-23-4) ..... 98.0%

Other Ingredients: ..... 2.0%

Total: ..... 100.0%

EPA Reg. No. 100-936

EPA Est. 100-LA-1

KEEP OUT OF REACH OF CHILDREN.

### CAUTION

See additional precautionary statements at end of label.

SCP 936A-L1A 1100

### 300 POUNDS

U.S. Standard Measure

ACCEPTED  
DEC 4 2000  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
I am suspended for the pesticide  
registered under  
EPA Reg. No. 100-936



# Thiamethoxam Technical

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## CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

**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 the 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 limitations of warranty and of liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

## DIRECTIONS FOR USE

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

## GENERAL INFORMATION

Thiamethoxam Technical is an insecticide to be used for the formulation of agricultural, companion animal, turf and ornamental end-use products that have U.S. EPA registration.

## STORAGE AND DISPOSAL

### Storage

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, spray mixture, or rinse water is a violation of federal law. If these wastes cannot be used 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 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 all 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.

### Physical or Chemical Hazards

Do not use, pour, spill, or store near heat or open flame.

# Thiamethoxam Technical

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## 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 with soap and water after handling.

FIRST AID	
<b>If inhaled</b>	<ul style="list-style-type: none"><li>• Move the person to fresh air.</li><li>• If person is not breathing, call an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li><li>• Call a poison control center, doctor, or 1-800-888-8372 immediately 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 eye.</li><li>• Call a poison control center, doctor, or 1-800-888-8372 immediately 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, doctor, or 1-800-888-8372 immediately for treatment: advice.</li></ul>
<b>If swallowed</b>	<ul style="list-style-type: none"><li>• Call a poison control center, doctor, or 1-800-888-8372 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></ul>

**Note to Physician:** If ingested, induce emesis or lavage stomach. Treat symptomatically.

### User Safety Recommendations

#### Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

### Surface Water Advisory

This product may contaminate water through drift of spray in wind. This product has a high potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams and springs will reduce the potential for contamination of water from rainfall runoff (See manual at the following internet address: <http://www.nrcs.usda.gov/water/quality/common/pestmgmt/files/core4.html>).

Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours.

### Ground Water Advisory

Thiamethoxam has properties and characteristics associated with chemicals detected in ground water. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow may result in ground water contamination.

### Environmental Hazards

This pesticide is toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift or runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash water.

### Spray Drift Advisory

Do not allow this product to drift.

U.S. Patent No. 6,022,871

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Syngenta Crop Protection, Inc.  
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SCP 936A-L1A 1100