



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

EPA Reg. Number:  
**100-921**

Date of Issuance:  
**AUG 11 2000**

**NOTICE OF PESTICIDE:**

XX Registration  
\_\_\_\_ Reregistration

(under FIFRA, as amended)

Term of Issuance:  
**Conditional**

Name of Pesticide Product:  
**Acibenzolar-S-methyl Technical**

Name and Address of Registrant (include ZIP Code):  
**Mr. Lee Hubbard  
Novartis Crop Protection, Inc.  
P.O. Box 18300  
Greensboro, NC 27419-8300**

**Note: Changes in labeling must be submitted to and approved by the Agency. Always refer to the label for instructions on this product.**

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 section 3(c)(7)(C) provided that you:

1. Submit/cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit data.
2. Modify the labeling as follows:
  - a. Revise the EPA Registration Number to read, "EPA Reg No 100-921".

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Signature of Approving Official:  
*[Signature]*  
**Daniel C. Kenny  
Acting Product Manager (22)  
Fungicide Branch  
Registration Division (7505C)**

Date:  
**AUG 11 2000**

- b. The "First Aid" statements must be revised to read as follows:  
 "If in eyes: \* Hold eye open and rinse slowly and gently with water for 15-20 minutes. \* Remove contact lens, if present, after the first 5 minutes, then continue rinsing eye. \* Call a poison control center or doctor for treatment advice."  
 "If on skin: \* 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."
  - c. Under the "Directions for Use" section, a list must be added describing the specific use sites for what end-use products the technical may be formulated into.
  - d. Under the "Environmental Hazards" section of the label, the following statement must be added: "This pesticide is toxic to fish and aquatic invertebrates."
3. Submit one copy of the revised final printed label for the record.
  4. The following studies must be submitted as a condition of the registration: Developmental neurotoxicity study in rats; Subchronic neurotoxicity study in rats; and, Mutagenicity study (Ames Assay) with technical-grade acibenzolar-S-methyl (prepared by a new "thiazole" production process). The studies must be submitted within two (2) years of receipt of this Notice.
  5. The following studies must be upgraded and submitted as a condition of registration: Soil photolysis study; Aerobic soil metabolism study; Aerobic aquatic metabolism study; and, one of two Batch equilibrium study. The studies must be submitted within one (1) year of receipt of this Notice.

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 constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records. If you have any questions, then please contact María I. Rodríguez of my staff at 703-305-6710 or me at 703-305-7546.

Master

# Acibenzolar-S-methyl Technical

## For Formulation into End-Use Fungicide Products

**Active Ingredient:**

Acibenzolar-S-methyl: Benzo(1,2,3)thiadiazole-7-carbothioic acid-S-methyl ester (CAS No. 135158-54-2) .....	98.6%
<u>Other Ingredients:</u>	<u>1.4%</u>
Total	100.0%

**MADE IN SWITZERLAND**

\_\_\_\_\_ Pounds ( \_\_\_\_\_ kg)  
Net Weight

EPA Reg. No. 100-\_\_\_\_  
EPA Est. \_\_\_\_\_  
Product ID: \_\_\_\_\_

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:  
AUG 11 2000**

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No. 100-921

## 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.

**No end use of this product other than formulation is intended or implied by the above Conditions of Sale and Warranty.**

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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. This product is intended for the formulation of fungicide products. This product may be used to formulate products for specific use(s) not listed on the MP label if the formulator, user group, or grower has complied with the U.S. EPA data submission requirements regarding the support of such use(s).

**STORAGE AND DISPOSAL****Pesticide Storage and Disposal**

Do not contaminate water, food, or feed by storage, disposal or cleaning of equipment. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**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.

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 clean up procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

**KEEP OUT OF REACH OF CHILDREN****CAUTION****Precautionary Statements**

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

**First Aid**

If in eyes: Flush eyes with plenty of water. Get medical attention if irritation persists.

If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

**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.

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