



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (7505C)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

Date of Issuance:

432-1221

SEP 30 2002

Term of Issuance:

June 30, 2007

Name of Pesticide Product:

Triticonazole Technical

NOTICE OF PESTICIDE:

XX Registration
Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Aventis Environmental Science USA LP
95 Chesnut Ridge Road
Montvale, NJ 07645

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:

1. Submit and/or cite all data required for registration/reregistration of your product when the Agency requires all registrants of similar products to submit such data.
2. Revise the label as follows:
 - A. Revise the EPA Registration Number on the label to read, "EPA Reg. No. 432-1221".
 - B. Add the net contents or net weight.
 - C. In the ingredient statement, add the following line below inert ingredients: "Total100.0%"
 - D. Revise the First Aid statements per PR Notice 2001-1.
 - E. In the Precautionary Statements, move the signal word "CAUTION" below the subheading "Hazards to Humans and Domestic Animals".
 - F. Add the following sentences to the Precautionary Statements as follows: "Wear a long sleeve shirt and pants, socks and shoes. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals."
 - G. Under the Directions for Use in the second sentence, change the word "herbicide" to "Fungicide".

Signature of Approving Official:

Date:

9/30/2002

Mary L. Waller, Product Manager (21)
Fungicide Branch, Registration Division (7505C)

H. Under the Directions for Use, revise the sentence "only for formulation into a fungicide . . ." to read "Only for formulation into a fungicide, for (1) the following uses, wheat and barley seed treatment", (2) . . .".

I. Add the following sentence immediately under the heading Storage and Disposal: "Do not contaminate water, food or feed by storage or disposal."

J. Revise the chemical name in the ingredient statement to read as follows: [(1RS)-(E)-5-[(4-chlorophenyl)methylene]-2,2-dimethyl-1-(1H-1,2,4-triazol-1-ylmethyl)cyclopentanol].

K. Revise label to indicate correct name and address of registrant (Aventis Environmental Science USA LP, 95 Chesnut Ridge Road, Montvale NJ 07645).

3. Submit the following studies conducted in accordance with the Good Laboratory Practices Standards, 40 CFR Part 160, and appropriate test guidelines as referenced in EPA's Data Requirements for Registration Regulations, 40 CFR Part 158:

A. Dermal Sensitization Study (870.2600) - Submit positive control data conducted within 6 months of the study date for either MRID Nos. 448020-34 or -35 or submit a new dermal sensitization study by October 2003.

B. 28-day (nose only) inhalation toxicity study in rats (870.3200) due by October 2003.

C. Developmental neurotoxicity study (870.6300) due by October 2004.

D. Rat metabolism study (870.7485) due by October 2004.

E. Mechanistic studies (to be discussed and designed in collaboration with the registrant). Due date will be specified by the Agency at a later date.

F. Partial carcinogenicity study (870.4200) in the male rat at higher dose levels due by December 2006.

G. Additional storage stability data (860.1380 & 860.1850) due by October 2004.

H. Avian Reproduction Study in Bobwhite Quail (850.2300) due by October 2004.

I. Acute Freshwater Fish Toxicity Study in Bluegill sunfish and rainbow trout (850.1075) due by October 2003.

J. Freshwater Fish Early Life-Stage Toxicity Study (850.1400) due by October 2004.

K. Freshwater Fish Chronic Life Cycle Toxicity Study (850.1500) due by December 2004.

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L. Acute Aquatic Invertebrate Freshwater Toxicity Study (850.1010) due by October 2003.

M. *Daphnia magna* Life-Cycle Toxicity Study (850.1300) due by December 2004.

N. Acute Estuarine/Marine Aquatic Animal Toxicity Studies (850.1035, 850.1055, & 850.1075) due by October 2003.

O. Fish Early Life-Stage Estuarine/Marine Toxicity Study (850.1400) due by October 2003.

P. Estuarine/Marine Invertebrate Life-Cycle Toxicity Study (850.1350) due by October 2003.

Q. Additional aerobic soil metabolism data (835.4100) due by October 2003.

R. Aerobic aquatic metabolism study (835.4300) due by December 2004.

S. Additional aqueous photolysis data (835.4200) due by October 2003.

T. Submit a corrected confidential statement of formula (830.1550) and description of production process (830.1620) using Agency specified nomenclature for the active ingredient.

- 4. Submit production information (pounds of or gallons produced) for this product for the fiscal year in which the technical is conditionally registered, in accordance with FIFRA Sec. 29. The fiscal year begins October 1, and ends September 30. Production information must be submitted to the Agency no later than November 15, following the end of the preceding fiscal year, to:
 - U.S. Environmental Protection Agency
 - Office of Pesticide Programs (7505C)
 - 1200 Pennsylvania Avenue, NW
 - Washington, DC 20460

- 5. Submit one copy of the revised final printed label before you release your product for shipment.

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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 stamped copy of the label is enclosed for your records.

Sincerely,



Mary L. Waller
Product Manager 21
Fungicide Branch
Registration Division (7505C)

Enclosure

Triticonazole Technical Fungicide

For Formulation of Fungicides Only.

Formulators who use this product are responsible for obtaining EPA supplemental distributor registration for their formulated products.

ACTIVE INGREDIENT:

Triticonazole (1RS)-E-2-(4-chlorobenzylidene)-5, 5-dimethyl-1-(1H-1, 2, 4-triazole-1-ylmethyl) cyclopentan-1-ol .. 92.5%

INERT INGREDIENTS:..... 7.5%

EPA Reg. No. 264-~~99C~~ *ANE*

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN CAUTION

For EMERGENCY Information ONLY Call 24 Hours A Day 1-800-334-7577

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Do not induce vomiting. Promptly drink a large quantity of milk, egg whites, gelatin solution or if these are not available, drink large quantities of water. Avoid alcohol. Call a physician or Poison Control Center.

INHALED: Move from contaminated atmosphere and call a physician.

IF ON SKIN: Immediately wash with plenty of soap and water. Get medical attention.

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. Get medical attention if irritation persists.

PRECAUTIONARY STATEMENTS

CAUTION

HAZARD TO HUMANS AND DOMESTIC ANIMALS

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

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 into sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

DIRECTIONS FOR USE

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

For use only by manufacturers in the formulation of herbicides. See Technical Data Sheet for chemical and physical properties. This product requires further mixing before reuse.

Only For Formulation Into a Fungicide, for (1) The Following Uses: Turf, ornamentals (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.

STORAGE AND DISPOSAL

STORAGE

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

PESTICIDE DISPOSAL

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or, if allowed by government regulations, by burning or incineration. If bag is burned, stay out of smoke.

Consult Federal, State or Local disposal authorities for approved alternative procedures.

DISCLAIMER AND INDEMNITY FOR FORMULATORS' USES

THE MANUFACTURER EXPRESSLY DISCLAIMS ALL LIABILITY FOR CLAIMS AND ACTIONS (WHETHER BASED ON CONTRACT, TORT, STRICT LIABILITY OR BREACH OF WARRANTY) ARISING OUT OF, RESULTING FROM OR CONNECTED WITH A FORMULATION CONTAINING THIS PRODUCT WHEN USED FOR ANY PURPOSE OTHER THAN THOSE USES SET FORTH IN (1) ABOVE. THE MANUFACTURER HAS NOT DEVELOPED SCIENTIFIC DATA TO SUPPORT, NOR HAS IT EXPLICITLY OR IMPLICITLY APPROVED, ANY USES OTHER THAN THOSE IN (1) ABOVE.

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THIS DISCLAIMER AND INDEMNITY IS IN ADDITION TO, NOT IN LIEU OF, THE BELOW DISCLAIMER AND LIMITATIONS.

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants that this product conforms to the chemical description on the label; that this product is reasonably fit for the purposes set forth in item (1) of the Directions for Use when it is used in accordance with such Directions; and that the statements under item (1) of the Directions, the warnings and other statements on this label, other than the suggested uses under items (2) and (3) of the Directions, are based upon responsible experts' evaluation of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants, and of residues on food crops and upon reports of field experience. Tests have not been made on all varieties or in all states or under all conditions. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE, ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS, OR CAUTIONS.

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NOTICE TO BUYER

Purchase of this material does not confer any rights under patents governing this product or the use thereof in countries outside of the United States. Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product on that condition.

**ACCEPTED
with COMMENTS
In EPA Letter Dated:
4/30/2002**

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No. 432-1221**

Rhône-Poulenc Ag Company
P.O. Box 12014, 2 T.W. Alexander Drive
Research Triangle Park, North Carolina 27709

Trifluoromethyl Technical Fungicide(PENDING) Submitted 4/1/99.