



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

JUL 28 1998

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Mr. John S. Thornton, Director
Product Registrations and Regulatory Affairs
Bayer Corporation
8400 Hawthorn Road, P.O. Box 4913
Kansas City, MO. 64120

Dear Mr. Thornton:

Subject: Notice of Extension of Conditional Registration For
Mat 7484 Technical Insecticide
EPA Reg. No. 3125-411
Aztec 2.1% Granular Insecticide
EPA Reg. No. 3125-412

Updated CSF and Label For
Mat 7484 Technical Insecticide
EPA Reg. No. 3125-411

On July 5, 1995, the subject products were conditionally registered with a term of issuance from July 5, 1995 to July 6, 1998. This notice extends the term of issuance for conditional registration for these products to July 5, 1999. The July 5, 1999 date coincides with the expiration date of the time-limited tolerances which were established to cover use of the subject end-use product, Aztec 2.1 % Granular Insecticide on corn. These tolerances were established on July 5, 1995 (60FR 34871 and 60FR 34874) for residues of the two active ingredients present in the end-use product, cyfluthrin and tebupiriphos (0-[2-(1,1-dimethylethyl)-5-pyrimidinyl] 0-ethyl-0-(1-methylethyl) phosphorothioate).

This extension will allow the Agency to complete the review of the additional information cited below and to reassess the subject products under the Food Quality and Protection Act (FQPA) of 1996. All of the information requested as conditions of the registration have been received by the Agency.

1. Acute rat neurotoxicity study and subchronic rat screening study; MRID # 43473001, 43656301 and 4365302.

2. Product chemistry data including a full material accountability study on the technical

2/4
material produced by the revised process, a new Confidential Statement of Formula (CSF) and discussion of the Formulation of Impurities for the technical material; MRID # 44299801 and 4429802.

3. Confirmatory aerobic soil metabolism studies consisting of a soil comparison study and a rate comparison study; MRID # 4429803.

The additional product chemistry data corresponding to guideline reference numbers 62-1(830.1700), 62-2(830.1750) and 62-3(830.1800) have been reviewed by the Product Chemistry Section, Technical Review Branch, Registration Division and have been found to be acceptable. A copy of the review without the confidential appendix is enclosed for your files.

The updated CSF submitted for the subject technical product is acceptable, provided a revised CSF, incorporating the following correction is submitted for our files: the accountability of the product is 98.97% instead of 100% and the difference needs to be accounted for on the CSF.


The amended label reflecting the updated CSF, is acceptable, and a stamped copy is enclosed for your records.

It is understood that the front panel word, POISON will appear on the finished label in red on a contrasting background.

Submit one copy of your final printed label before releasing the product for shipment bearing the amended label.

According to our files, several studies which were conducted with the subject technical product but which were not required to support registration of the subject products were submitted as 6(a)(2) data. The review of one of these studies, a mysid shrimp acute toxicity study has been completed and a copy of the review is enclosed for your files. This study, which was submitted with your letter of November 22, 1996 was found to be an acceptable study.

Sincerely,


Marilyn A. Mautz
Biologist
Insecticide-Rodenticide Branch
Registration Division (7504C)

MAT 7484 Technical

411-8961.YLD

U.S. LABEL

Base Pre-Reg (8961)

Reason to Issue: Manufacturing scale-up adjustment.

Date of Draft: 06/12/97 (K)

MAT 7484 Technical

Insecticide

An insecticide for formulating use only.

ACTIVE INGREDIENT:

O-[2-(1,1-Dimethylethyl)-5-pyrimidinyl] O-ethyl O-(1-methylethyl)phosphorothioate 92.93%

INERT INGREDIENTS: 8.7%
100%

U.S. Patent Nos. 4,666,894

EPA Reg. No. 3125-411

NET WEIGHT: __ POUNDS

STOP - Read The Label Before Use
KEEP OUT OF REACH OF CHILDREN

DANGER



POISON

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUL 28 1998

U.S. Environmental Protection Agency
Pesticide and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

3125-411

DANGER: Fatal if swallowed, inhaled or absorbed through skin. Do not breathe vapor or spray mist. Do not get in eyes, on skin, or on clothing. Wear a mask or pesticide respirator jointly approved by the Mining Enforcement and Safety Administration and the National Institute

for Occupational Safety and Health. Wear protective clothing, a face shield or goggles and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash separately before reuse.

STATEMENTS OF PRACTICAL TREATMENT

If swallowed: Call a physician or poison control center. If medical assistance cannot be given immediately, induce vomiting and obtain professional assistance as soon as possible. To induce vomiting, administer 1 or 2 glasses of water and stick finger down throat. Repeat until vomitus is clear. Or, if available, administer syrup of ipecac (1/2 oz or 15 mL). If vomiting does not occur within 10 to 20 minutes, administer a second dose of ipecac. Do not attempt to give anything by mouth to or induce vomiting in an unconscious person. **If in eyes:** Hold eyelids open and flush with plenty of water for 15 minutes. Call a physician if irritation develops or persists after flushing. **If signs of intoxication (poisoning) occur,** get medical attention immediately. **If on skin:** Remove contaminated clothing. Wash skin immediately with soap and water. Get medical attention if irritation develops or persists. **If signs of**

intoxication (poisoning) occur, get medical attention immediately. **If inhaled:** Or if a person is overcome by excessive exposures to this material, remove to fresh air or uncontaminated area. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention as soon as possible.

Note To Physician: ANTIDOTE: Administer atropine sulfate in large therapeutic doses. Repeat as necessary to the point of tolerance. 2-PAM is also antidotal and may be administered in conjunction with atropine. Compound inhibits cholinesterase resulting in stimulation of the central nervous system, the parasympathetic nervous system, and the somatic motor nerves. Do not give morphine. Watch for pulmonary edema, which may develop in serious cases of poisoning even after 24 to 48 hours.

Text being added is highlighted by redlining

Text being deleted is highlighted by ~~strikeout~~

At first sign of pulmonary edema, the patient should be placed in an oxygen tent and treated symptomatically. In case of poisoning, it is also requested that Bayer Corporation,

Agriculture Division, Kansas City, Missouri, be notified. Telephone: (816) 242-2582.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Keep out of lakes, ponds or streams.

Do not contaminate water by cleaning of equipment or disposal of wastes.

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.

DIRECTIONS FOR USE

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

Labeling for products formulated from this product must conform to that which is currently registered with the U.S. Environmental Protection Agency. For specific information on federally registered uses, contact Bayer Corporation. Any variance from the federally registered labeling for products

containing MAT 7484 insecticide will have to be supported by data provided by the formulator.

MAT 7484 Technical insecticide is intended only for formulation into end use insecticide products for:

Terrestrial Food Crops: Corn

STORAGE AND DISPOSAL

Product Storage: Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handling and Spillage: Handle and open container in a manner as to prevent spillage. If container is leaking invert to prevent leakage. If the container is leaking or material is spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Do not walk through spilled material. In spill or leak incidents, keep unauthorized people away. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides above. Refer to Precautionary Statements on label for hazards associated with the handling of this material. You may contact the Bayer Emergency Response Team for decontamination procedures or any other assistance that may

be necessary. The Bayer Kansas City Emergency Response Telephone No. is 800-414-0244 or contact Chemtrec at 800-424-9300.

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

Pesticide wastes are acutely toxic. Improper disposal of excess pesticide, 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: 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.