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7501-148

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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:

7501-148

Term of Issuance:

Unconditional

Name of Pesticide Product:

A-T-K Fungicide

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Dennis L. McFadden, Manager
Toxicology & Regulatory Affairs
GUSTAFSON, INC.
P. O. Box 660065
Dallas, TX 75266-0065

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.

Based on your response to the Reregistration Eligibility Document, EPA has reregistered the product listed above with the following provisions:

1. Change "Precautionary Statements" to the following:

Precautionary Statements
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."

2. Under the "Environmental Hazards statement" section make a separate heading as follows:

Groundwater Advisory: "This chemical is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination."

4. The "Statement of Practical Treatment" should be revised as follows:

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

Signature of Approving Official

Date:

Connie B. Welch, PM-*Connie B. Welch*
Fungicide, Herbicide Branch
Registration Division (7505C)

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The statements of practical treatment concerning inhalation exposure, protective clothing are not required; however, they may be retained if desired.

5. Submit two copies of the revised final printed label for the record.

Enclosed is a copy of your label stamped "Accepted with comments". This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain registration of your product.

Enclosure

ACCEPTED
with COMMENTS
In EPA Letter Dated

APR 1 1997

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
7501-148

KODIAK™ A-T

Fungicide

Contains APRON®, TERRACLOR® and KODIAK™ Fungicides

ACTIVE INGREDIENTS:

Pentachloronitrobenzene (PCNB)	16.67%
Metalaxyl	4.25%
<i>Bacillus subtilis</i> GB03 (nominal concentration of 2.0 X 10 ⁹ viable spores per gram)	0.1%

*INERT INGREDIENTS: 78.98%

*Contains Graphite Total..... 100.0%

EPA Reg. No. 7501-148

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if absorbed through skin or inhaled. Avoid contact with skin, eyes or clothing. Avoid breathing dust.

PERSONAL PROTECTIVE EQUIPMENT:

Applicators and other handlers (other than mixers and loaders) must wear: long-sleeved shirt and long pants, waterproof gloves, and shoes plus socks. Mixers and Loaders must wear: long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, and dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C). Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS:

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change clothing.

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. 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 inhaled: Move to fresh air. Administer CPR if not breathing.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms. For terrestrial uses do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Cover or incorporate treated seeds. Do not contaminate water when disposing of equipment washwaters.

This chemical is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

STORAGE AND DISPOSAL

STORAGE: Store in a cool, dry place. Do not store in direct sunlight. Protect from extreme temperatures.

PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited. Do not reuse container.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, 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: Completely empty container into application equipment. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.



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AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours. Exception: if the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that has been treated, such as plants, soil, or water is: coveralls, waterproof gloves, and shoes plus socks and protective eyewear.

NOTE: Metalaxyl is a systemic fungicide having a specific mode of action. Metalaxyl could be subject to development of resistant strains of fungi. Development of resistance cannot be predicted. Therefore, Gustafson, Inc. cannot assume liability for crop damage resulting from resistant strains of fungi. Consult with your State Agricultural Experiment Station or Extension Service Specialist for guidance or ways to control any possible metalaxyl resistant strains of fungi which may occur.

RECOMMENDED APPLICATIONS

KODIAK AT Fungicide will protect against seed and seedling rot diseases caused by *Pythium spp.* and *Rhizoctonia solani*.

PLANTER BOX TREATMENT

Apply at the specified rate and premix with the seed directly in the planter box at planting. A non-oil lubricant has also been added to help seeds flow more easily and evenly from the planter box. Use the higher rate of application in fields with a history of severe disease pressure.

SEED TREATER APPLICATION

KODIAK AT may be applied at planting time, utilizing commercial seed treating equipment to maximize seed coverage. (*Calibrate the equipment as per the manufacturer's instructions.)

CROPS	RATE	DISEASE
Cotton	12 oz./100 lbs.	<i>Pythium</i> and <i>Rhizoctonia</i> Seedling Disease Complex, Common Smut or Bunt (Wheat), Covered Smut (Barley)
Peanuts	4 to 6 oz./100 lbs.	
Barley, Rice	2 to 4 oz./bu.	
Beans, Corn, Wheat	2 to 3 oz./bu.	
Soybeans, Peas	4 to 6 oz./bu.	<i>Pythium</i> and <i>Rhizoctonia</i> Seedling Disease Complex, Early Season <i>Phytophthora</i>

USE RESTRICTIONS

Do not use treated seed for food, feed or oil purposes.

NOTE: Federal Law requires that bags containing treated seeds shall be labeled with the following information. "This seed has been treated with Metalaxyl, PCNB and *Bacillus subtilis* GBO3 fungicides. Do not use for feed, food or oil purposes. Store away from feeds and foodstuffs." All seed treated with this product (except by the planter box method) must be colored with an EPA

approved dye (e.g., those listed in 40 CFR 180.1001) which imparts an unnatural color to the seed.

NOTICE - READ CAREFULLY CONDITIONS OF SALE AND LIMITED WARRANTY STATEMENT

Treatment of highly mechanically damaged seed, or seed of known low vigor and poor quality, may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small portion of seed before committing the total seed lot to a selected chemical treatment. Due to seed quality conditions beyond the control of Gustafson, Inc., no claims are made to guarantee germination of carry-over seed.

As its sole express warranty, Gustafson, Inc., warrants that this product conforms to the chemical description on the label and is reasonably fit for purposes stated on the label only when used in accordance with directions and instructions specified on the label, subject to the inherent risks set forth above. ONLY AS PERMITTED BY APPLICABLE LAW, IN THE EVENT OF A BREACH OF THIS LIMITED WARRANTY, GUSTAFSON, INC. SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES. SUBJECT TO APPLICABLE LAW, GUSTAFSON, INC. NEITHER MAKES NOR AUTHORIZES ANY OF ITS AGENTS OR REPRESENTATIVES TO MAKE ANY WARRANTY OF FITNESS OR MERCHANTABILITY, GUARANTY OR REPRESENTATION, EXPRESS OR IMPLIED, CONCERNING THIS MATERIAL. Buyer assumes the responsibility to handle, use and store this product in accordance with the safety instructions and use directions contained on the label.

Gustafson, Inc. and the seller offer this product, and the Buyer/ User accept it, subject to the foregoing Conditions of Sale and Limited Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of Gustafson, Inc. If these terms are not acceptable, return all products, at once, unopened.

U. S. Patent No. 5,215,747

A quality product manufactured by:
Gustafson, Inc.
1400 Preston Road, Suite 400
Plano, Texas 75093
(214) 985-8877

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TERRACLOR is a Reg. TM of Uniroyal Chemical Company, Inc.
APRON® - TM of Ciba Geigy for Metalaxyl

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