



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

EPA Reg. Number:
264-720

Date of Issuance:
1-18-06

Term of Issuance:
Unconditional

Name of Pesticide Product:
DEF Technical

NOTICE OF PESTICIDE:
 Registration
 X Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Ms. Karen S. Cain
Bayer CropScience, LP
2 T.W. Alexander Drive
Research Triangle Park, NC 27709

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 Tribufos Reregistration Eligibility Decision (RED) document, EPA has reregistered the product listed above provided you:

1. Change "For use in the manufacture of defoliant" to "For use in the manufacture of cotton defoliant".
2. Revise the ingredients statement to read as follows:
Tribufos (S,S,S-tributyl phosphoro-trithioate) 97.9%
Related Compounds 1.1%
3. Update the company name, address, and registration number on the label and CSF.
4. Revise the Hazards to Humans statement to read as follows:

May be fatal if swallowed or absorbed through the skin. Do not get in eyes, or on clothing. Washing hands thoroughly with soap and water with handling and before eating, drinking, chewing gum, or using tobacco will reduce exposure. Removing and washing contaminated clothing before reuse may reduce exposure.

Signature of Approving Official:

Date:

1-18-06

5. Immediately following the Hazards to Humans statement, add the following text.

Physical or Chemical Hazard

This product exhibits oxidizing potential. Do not mix or contact with oxidizing agent to prevent such hazard.

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 the registration of your product.

Submit three (3) copies of your final printed labeling before you release the product for shipment.

James A. Tompkins
Product Manager (25)
Herbicide Branch
Registration Division (7505C)

Enclosure

Def Technical

Defoliant

For use in the manufacture of defoliants.

ACTIVE INGREDIENT:

S,S,S-Tributyl phosphoro-trithioate98%

INERT INGREDIENTS2%

100%

EPA Reg. No. 3125-96

Net: ___ Pounds

STOP - Read The Label Before Use

KEEP OUT OF REACH OF CHILDREN

WARNING

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: May be fatal if swallowed or absorbed through the skin. Do not get in eyes, on skin, or on clothing. Harmful if inhaled. Avoid breathing spray mist. Washing hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco will reduce exposure. Removing and washing contaminated clothing before reuse may reduce exposure.

**ACCEPTED
with COMMENTS
In EPA Letter Dated:
JAN 18 2006**

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

264-720

FIRST AID Contains an organophosphate that inhibits cholinesterase.	
If swallowed	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If in eyes	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. • Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
In case of emergency, call toll free the Bayer Kansas City Emergency Response Telephone No. 800-414-0244 . Have a product container or label with you when calling a poison control center or doctor, or going for treatment.	
<p>Note To Physician: This product inhibits cholinesterase resulting in stimulation of the central nervous system, the parasympathetic nervous system and the somatic motor nerves. Poisoning with this product also results in cardiovascular and respiratory symptoms which must be treated as separate pathological entities apart from the cholinergic effects.</p> <p>Use atropine sulfate to reverse cholinergic symptoms; maintain a systematic, symptomatic treatment of the cardiovascular and respiratory effects, even though the cholinergic symptoms have ceased. Pralidoxime (2-PAM) may be indicated as antidotal therapy. Contact a medical toxicologist, poison center, or the Bayer Emergency Response telephone No. 800-414-0244 for guidance on the optimal utilization of 2-PAM. Do not give central nervous system depressants. Watch for pulmonary edema, which may develop in serious cases of poisoning even after 12 hours. The use of oxygen is recommended in case of respiratory distress.</p>	

4/4

ENVIRONMENTAL HAZARDS

This product is toxic to terrestrial and aquatic plants, fish and aquatic invertebrates. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or 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.

Only for formulation into a defoliant for use on cotton.

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

BAYER CORPORATION DISCLAIMS ALL LIABILITY BASED ON BREACH OF WARRANTY, NEGLIGENCE, STRICT TORT LIABILITY, OR ANY OTHER THEORY OF LIABILITY FOR CROP DAMAGE OR FAILED EFFICACY RESULTING FROM THE USE OF THIS BAYER CORPORATION PRODUCT AS AN INGREDIENT IN ANY FORMULATION WITH A USE NOT SPECIFICALLY LISTED ON THIS LABEL.

STORAGE AND DISPOSAL

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

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

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 spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides above. In spill or leak incidents, keep unauthorized people away. 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: 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: 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.

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