

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

5412822

APR 17 1992

Mr. Larry Hodges  
Rhone-Poulenc Ag Company  
2 T. W. Alexander Drive  
P. O Box 12014,  
Research Triangle Park, NC 27709

Dear Mr. Hodges:

Subject: Ethoprop (Technical Grade)  
EPA Registration No. 264-456  
Your Letter Dated February 25, 1992 and  
the Fax Dated March 16, 1992

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable, and a stamped copy is enclosed for your records.

The Agency accepts a nominal concentration of 95.0% for this product. Yet, the Hazards Effects Division is currently reviewing the Confidential Statement of Formula (CSF), dated November 3, 1988, due to some concern about the presence of some of the impurities. We may have comments at a later date regarding this matter.

Sincerely yours,

Robert A. Forrest  
Product Manager (14)  
Insecticide-Rodenticide Branch  
Registration Division (H7504C)

enclosure

CONCURRENCES

SYMBOL							
SURNAME							
DATE							

MADDEN Disk 1 4/16/92

# ETHOPROP (Technical Grade)

## ACTIVE INGREDIENTS:

Ethoprop: (O-Ethyl S, S-Dipropyl Phosphorodithioate) ..... 95.0%

INERT INGREDIENTS: ..... 5.0%

EPA Reg. No. 264-456

EPA Est. No. 264-TN-1



**KEEP OUT OF REACH OF CHILDREN  
DANGER POISON  
PELIGRO**



**PRECAUCION AL USUARIO:** Si usted no lee ingles, no use este producto hasta que le etiqueta haya sido explicado ampliamente.

**TRANSLATION TO THE USER:** If you cannot read English, do not use this product until the label has been fully explained to you.

For **PRODUCT USE** Information Call 1-800-334-9745

For **MEDICAL** And **TRANSPORTATION** Emergencies **ONLY** Call 24 Hours A Day 1-800-334-7577

## STATEMENT OF PRACTICAL TREATMENT

**IF SWALLOWED:** Give 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. Call a physician, Poison Control Center, or hospital emergency room. If not breathing, give mouth to mouth artificial respiration.

**IN CASE OF SKIN CONTACT:** Immediately remove all contaminated clothing, and wash skin with soap and water. Get medical attention. Wash clothing before reuse. Discard contaminated shoes. Get medical attention.

**FOR EYES:** Flush with plenty of water for at least 15 minutes. Call a physician immediately in all cases of suspected poisoning.

**IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration. Get medical attention.

Persons providing first aid should prevent contamination of themselves.

## PRECAUTIONARY STATEMENTS

### DANGER

### HAZARD TO HUMANS AND DOMESTIC ANIMALS

Fatal if swallowed, inhaled or absorbed through skin. Rapidly absorbed through skin. This product is a skin sensitizer. Wear waterproof protective clothing, rubber gloves and goggles. In case of contact, wash immediately with soap and water. Poisonous if absorbed through the eyes. Do not get into eyes, on skin or on clothing.

Do not breathe fumes or spray mist. Wear an AO R-6058 respirator with an R-58 cartridge, or equivalent, for protection. After use, wash hands, arms and face thoroughly with soap and warm water before eating or smoking. Wash all clothing with soap and hot water before reuse. Discard contaminated shoes. Do not contaminate feed or food.

Do not store in or around the home.

**SYMPTOMS OF POISONING:** Nausea, vomiting, abdominal cramps, diarrhea, excessive salivation, headache, dizziness, weakness, blurring or dimness of vision, excessive tearing, loss of muscular coordination, slurring of speech, twitching of muscles (especially of tongue and eyelids), mental confusion, disorientation, drowsiness, difficulty in breathing (chest tightness), runny nose.

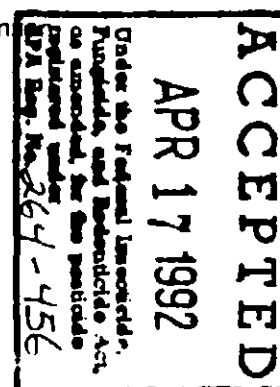
### NOTE TO PHYSICIAN

This product is a cholinesterase inhibitor. Severe symptoms and signs include diarrhea, pinpoint and non-reactive pupils, respiratory difficulty, pulmonary edema, cyanosis, loss of sphincter control, convulsions, and coma. Support respiration as needed. Measures should include removal of secretions, maintenance of a patent airway, and if necessary, artificial ventilation.

If cyanosis is absent, give ATROPINE 2-4 mg intravenously (0.05 mg/kg for children). Repeat atropine at 5-10 minute intervals until atropinization occurs (dry, flushed skin, tachycardia, pupillary dilatation), and maintain for 48 hours.

If cyanotic, give initial atropine intramuscularly and start measures to improve ventilation. Start 2-PROPAM (PROTOPAM, Ayerst) at the same time. Give 1-2 grams PROTOPAM (20-40 mg/kg for children) in 100cc saline over 15-30 minutes. If pulmonary edema is present, give intravenously slowly as a 5% solution in water over a period of at least 5 minutes.

A second dose may be given after one hour if muscle weakness persists. Additional doses may be given cautiously for persistent muscle weakness. May be given by intramuscular or subcutaneous routes if intravenous administration is not feasible.



**BEST AVAILABLE COPY**

Intact, wash patient with soap and water followed by wash with 95% ethyl alcohol. Keep patient under constant 24-36 hours. Symptoms may persist for one month. The use of theophylline, morphine, barbiturates, phenothiazines, succinyl choline is contraindicated.

exposure until cholinesterase regeneration has taken place as determined by blood tests. Repeated exposure to toxins may, without warning, cause increase susceptibility to very small doses of any cholinesterase inhibitor. This at weeks following exposure.

## ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or public water unless this product is specifically identified and addressed on an NPDES permit. Do not discharge effluent containing this product to sewer systems without previously notifying the sewage treatment plant authority. For guidance, contact your local 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 FORMULATION INTO END USE INSECTICIDE/NEMATOCIDE PRODUCTS INTENDED ONLY FOR:** Terrestrial non-domestic, food uses on: bananas, beans (dry, snap), cabbage, corn (field and sweet), peanuts, pineapples, plantain, potatoes (white, Irish), soybeans, sugarcane and sweet potatoes.

Terrestrial non-domestic, non-food uses on: citrus seedlings, commercial turf, ornamentals and tobacco.

Terrestrial domestic, non-food uses on: domestic turf.

## STORAGE AND DISPOSAL

### STORAGE

Do not contaminate water, food, or feed by storage or disposal. Do not store in or around the home.

Do not use, pour, spill or store near heat or open flame. Do not store below 32°F.

### PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. 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 dispose of in sanitary landfill, or by other procedures approved by state and local authorities.

## 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 the directions for use when it is used in accordance with such directions; and that the directions, warnings and other statements on this label are based upon

responsible experts' evaluation of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants. 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.

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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.

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 Research Triangle Park, North Carolina 27709

THOPROP (Technical Grade) (PENIDNG) Submitted 7/29/91.

