

5481-9043

7/26/2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D C 20460



OFFICE OF  
CHEMICAL SAFETY AND  
POLLUTION PREVENTION

July 26, 2012

Ms Kelly Naujock  
AMVAC Chemical Corporation  
4659 MacArthur Court, Suite 1250  
Newport Beach, CA 92660

Subject (1) Amended Basic Confidential Statement of Formulation  
(2) Amended labeling to revise nominal concentration from 94.4% to 96.69%  
Product Name Ethoprop Technical  
EPA Reg No 5481-9043  
EPA Decision Nos 464414, 467683  
Your submission dated June 13, 2012

Dear Ms Naujock,

The CSF and labeling referred to above, submitted concurrently in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, are acceptable. Please note that the record for this product currently contains the CSF listed below. Any previously dated CSFs are superseded.

- Basic CSF, dated May 21, 2012

A stamped copy of the label is enclosed for your records. Please submit one copy of your final printed labeling before you release the product for shipment. Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). If you have any questions, please contact Julie Chao by phone at (703) 308-8735, or by email at [chao.julie@epa.gov](mailto:chao.julie@epa.gov)

Sincerely,

A handwritten signature in black ink, appearing to read "Venus Eagle".

*for* Venus Eagle, Product Manager 01  
Insecticide-Rodenticide Branch  
Registration Division (7505P)

Enclosure

# ETHOPROP Technical

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## ACTIVE INGREDIENTS

Ethoprop (O Ethyl S S-Dipropyl Phosphorodithioate)

96.69%

## OTHER INGREDIENTS

3.31%

## TOTAL

100.0%

EPA Reg No 5481 9043

EPA Est No



**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

## FIRST AID

IF INHALED	<ul style="list-style-type: none"><li>• Move person to fresh air</li><li>• If person is not breathing call 911 or an ambulance then give artificial respiration preferably mouth to mouth if possible</li><li>• Call a poison control center or doctor for further treatment advice</li></ul>
IF IN EYES	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15 20 minutes</li><li>• Remove contact lenses if present after the first 5 minutes then continue rinsing</li><li>• Call a poison control center or doctor for treatment advice</li></ul>
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"><li>• Take off contaminated clothing</li><li>• Rinse skin immediately with plenty of water for 15 20 minutes</li><li>• Call poison control center or doctor for treatment advice</li></ul>
IF SWALLOWED	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice</li><li>• Have person sip a glass of water if able to swallow</li><li>• Do not induce vomiting unless told to by a poison control center or doctor</li><li>• Do not give anything by mouth to an unconscious person</li></ul>

## EMERGENCY INFORMATION

Have the product container or label with you when calling a poison control center or doctor or going for treatment  
**FOR THE FOLLOWING EMERGENCIES PHONE 24 HOURS A DAY**

Transportation CHEMTREC

1 800 424 9300

Other AMVAC

1 323 264 3910

ACCEPTED

JUL 26 2012

**Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended, for the  
pesticide registered under**

EPA Reg No 5481-9043

**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 PAM (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.

In case of skin contact, wash patient with soap and water followed by wash with 95% ethyl alcohol. Keep patient under constant observation for 24-36 hours. Symptoms may persist for one month.

The use of theophylline, morphine, barbiturates, phenothiazines, reserpine, and succinylcholine is contraindicated.

Allow no further exposure until cholinesterase regeneration has taken place as determined by blood tests. Repeated exposure to cholinesterase inhibitors may, without warning, cause increase susceptibility to very small doses of any cholinesterase inhibitor. This will last for several weeks following exposure.

**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.

### PRECAUTIONARY STATEMENTS

#### DANGER

#### HAZARD TO HUMANS AND DOMESTIC ANIMALS

Fatal if inhaled. Corrosive. Causes irreversible eye damage. Causes skin burns. May be fatal if swallowed. Maybe fatal if absorbed through skin. Do not breathe spray mist. Do not get in eyes, on skin or on clothing. Remove contaminated clothing and wash clothing before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

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, drinking, chewing gum, using tobacco or using the toilet. Wash all clothing with soap and hot water before reuse. Discard contaminated shoes. Do not contaminate feed or food.

**Restriction** Do not store in or around residential areas.

#### ENVIRONMENTAL HAZARDS

This chemical is toxic to aquatic organisms (fish and invertebrates) and wildlife. 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.

Only for formulation into a Nematicide insecticide to be applied as pre plant, at plant or pre emergent, soil incorporated ground treatment for the following uses:

**Terrestrial non domestic food uses:** banana<sup>1</sup>, beans<sup>2</sup> (lima and snap only), cabbage, corn<sup>1</sup> (field and sweet), cucumber<sup>1</sup>, hops<sup>3</sup>, mint<sup>4</sup>, plantain<sup>1</sup>, potatoes<sup>4</sup>, sugarcane<sup>1</sup>, and sweet potatoes<sup>4</sup>.

**Terrestrial non domestic non food uses:** ornamentals<sup>5</sup> (field nursery stock only and only as a pre plant application) and tobacco<sup>1</sup>.

<sup>1</sup>Granular formulation only

<sup>2</sup>Granular formulation only except for SLN registrations only for the EC formulation

<sup>3</sup>EC formulation only. Apply as pre plant, pre emergent or prior to stringing vines or after last harvest of vines as a soil incorporated ground treatment.

<sup>4</sup>Granular and EC formulation. Apply as pre plant or after last harvest of the season as a soil incorporated ground treatment.

<sup>5</sup>EC formulation only

### STORAGE AND DISPOSAL

#### PESTICIDE STORAGE

Store in a cool dry place and in such a manner as to prevent cross contamination with other pesticides fertilizers food feed and water Store in original container and out of the reach of children in a locked storage area Do not store in or around residential areas

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

Non refillable container Do not reuse or refill this container Triple rinse container (or equivalent) promptly after emptying Triple rinse as follows Empty the remaining contents into application equipment or a mix tank Fill the container 1/4 full with water Replace and tighten closures Tip container on its side and roll it back and forth ensuring at least one complete revolution for 30 seconds Stand the container on its end and tip it back and forth several times Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal Repeat this procedure two more times

Offer for recycling if available or dispose of in sanitary landfill or by other procedures approved by state and local authorities

### LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label (b) that this product is reasonably fit for the purposes set forth in the directions for use subject to the inherent risks referred to herein when it is used in accordance with such directions and (c) that the directions warnings and other statements on this label are based upon responsible experts evaluations of reasonable tests of effectiveness of toxicity to laboratory animals and to plants and residues on food crops and upon reports of field experience Tests have not been made on all varieties of food crops and plants or in all states or under all conditions

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