

RESTRICTED USE PESTICIDE

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

1/6



EPN-4E

ACTIVE INGREDIENTS:

O-Ethyl O-(p - nitrophenyl) phenylphosphonothioate*	46.15
Xylene Range Aromatic Solvent	45.78

INERT INGREDIENTS:	8.07
*EPN	TOTAL 100.00

Product contains 4lbs. EPN per gallon.

his area prints red

KEEP OUT OF REACH OF CHILDREN

DANGER  **POISON**

RED INK → PELIGRO ← RED INK

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

STATEMENT OF PRACTICAL TREATMENT

FIRST AID TREATMENT +

Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to EPN and describe his condition.

IF BREATHING HAS STOPPED, start artificial respiration immediately and maintain until doctor sees victim.

IF SWALLOWED and victim is awake (conscious) make him drink one or two glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit is clear. Never give anything to an unconscious person. Have victim lie down and keep quiet. See doctor immediately.

IN CASE OF CONTACT, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. See doctor immediately.

SEE LEFT SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Registration No. 19713-130
EPA Establishment No. 19713-MS-1



Drexel Chemical Company

P.O. BOX 8008, MEXICO, TEXAS 78108

NET CONTENTS _____ GALLONS

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS
(AND DOMESTIC ANIMALS)

DANGER

PRINTS
RED



CAN KILL IF SWALLOWED

This product can kill you if swallowed even in small amounts. Spray mist may be fatal if swallowed.



CAN KILL BY SKIN CONTACT

This product can kill you if touched by hands or spilled or splashed on skin, in eyes or on clothing (liquid goes through clothes).



CAN KILL IF BREATHED

This product can kill you if vapors or spray mists are breathed.

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE EQUIPMENT AND CLOTHING.

Protective Clothing Required: Wear clean protective clothing, goggles, and respirator approved by NIOSH or the American National Standards Institute when applying or handling, or when reentering fields within 48 hours of treatment. The following protective clothing must be worn: lightweight, unlined, natural rubber gloves at least midforearm in length; a wide brimmed waterproof hat or waterproof hood; a protective suit or coveralls of a nonpermeable, non-cloth material covering the body from ankles to wrists; lightweight, unlined, natural rubber boots at least mid-calf in length; full-face respirators and goggles are required. Aerial applicators in positive pressure cockpits and other applicators in comparable ground equipment with appropriate filters at all air intakes need not comply with these protective clothing requirements.

WORK SAFETY RULES

Keep all unprotected persons and children away from treated area or where there is danger of drift.

Do not rub eyes or mouth with hands. If you feel sick in any way, STOP work and get help right away. Call doctor (physician, clinic, or hospital - immediately. Explain that the victim has been exposed to EPN and describe his condition. After first aid is given (see Statement of Practical Treatment) and if a doctor cannot come, take victim to clinic or hospital.

IMPORTANT! Before removing gloves, wash them with soap and water. Always wash hands, face and arms with soap and water before eating, or drinking.

AFTER WORK, take off all work clothes and shoes. Shower, using soap and water. Wear only clean clothes when leaving job. Do not wear contaminated clothing. Wash protective clothing and protective equipment with soap and water after each use. Respirator should be cleaned and filter replaced according to instructions included with respirator.

POISON SIGNS (Symptoms)

EPN is a very dangerous poison. It rapidly enters the body on contact with skin, surfaces and eyes. Clothing wet with this material must be removed immediately. Exposed persons must receive prompt medical treatment or they may die.

Some of the signs and symptoms of poisoning

tightness in chest, labored breathing, nervousness, sweating, watering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma.

NOTE TO PHYSICIAN

Antidote - administer atropine sulfate in large doses. TWO to FOUR mg. intravenously or intramuscularly as soon as cyanosis is overcome. Repeat at 5 to 10 minute intervals until signs of atropinization appear. 2-PAM chloride is also antidotal and may be administered in conjunction with atropine. DO NOT GIVE MORPHINE OR TRANQUILIZERS. EPN is a strong cholinesterase inhibitor affecting the central and peripheral nervous systems and producing cardiac and respiratory depression. At first sign of pulmonary edema, the patient should be given supplemental oxygen and treated symptomatically. Continued absorption of the poison may occur and fatal relapses have been reported after initial improvement; VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS.

For additional information on treatment of patients suffering from EPN poisoning, refer to booklet entitled "Clinical Memoranda on Economic Poisons," a publication of the U.S. Department of Health, Education and Welfare, Public Health Service, Communicable Diseases Center, Atlanta, Georgia. This booklet also available thru the U.S. Government Printing Office, Washington, D.C.

POST TREATED AREA

Consult your State Agricultural Extension Service or Experiment Station regarding posting treated areas.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and wildlife. Birds and other wildlife in treated areas may be killed. Do not apply directly to lakes, streams or ponds. Do not apply when weather conditions favor drift from treated areas. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes.

PROTECT BEES

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops and weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. Protective information may be obtained from your Cooperative Agricultural Extension Service.

PHYSICAL OR CHEMICAL HAZARDS

Re-entry and Farmworker Safety:

Do not enter treated areas for 48 hours unless appropriate protective clothing is worn.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. (Indicate specific oral warnings without specific protective clothing, period of time field must be vacated and appropriate actions to take in case of accidental exposure.) When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: DANGER. Area treated with EPA on (Date of Application). Do not enter without appropriate protective clothing for 48 hours. In case of accidental exposure, follow the "Statement of Practical Treatment" on front panel.

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 when weather conditions favor drift from treated areas.

COTTON

Apply at the following rates in sufficient water to obtain thorough, uniform plant coverage. For aircraft application, use a minimum of 3 gallons of water per acre. For aerial applications, flagging must be by fully automated mechanical means or by humans working in enclosed vehicles.

Cotton fleahopper, cotton leafworm, thrips, yellowstriped armyworm, spider mites (certain species): Apply 3/4 pint per acre. Begin application when insects appear. Repeat at five-day intervals as needed.

~~Bollweevil: Apply 1 to 2 pints per acre. Begin when cotton is fruiting and 10% to 25% of squares are punctured. Repeat at five-day intervals as needed.~~

Bollworm, tobacco budworm: Apply 2 pints per acre. Begin when eggs and four to five worms per 100 terminals are found. Repeat at five-day intervals as needed.

Do not apply within three days of handpicking. Do not apply to blooming cotton if bees are visiting the treatment area.

CORN

EPN Emulsifiable Insecticide is recommended for use on corn to control corn rootworm (adult) to protect silks from damage. Apply as a spray at the rate of 1/2 to 1 pint per acre in sufficient water to thoroughly cover plant surfaces, including the leaf whorls. For aircraft application, use a minimum of 2 gallons of water per acre. For aerial applications, flagging must be by fully automated mechanical means or by humans working in enclosed vehicles.

Do not apply to corn during the pollenshed period if bees are visiting the treatment area.

SWEET AND FIELD CORN

Apply when insects appear in sufficient numbers to damage silks and prevent pollination. Do not apply within 14 days of harvest. Workers entering treated fields within 48 hours after application should wear protective clothing.

EUROPEAN CORN BORER

EPN Emulsifiable Insecticide is recommended for use on corn to control European corn borer. Apply as a spray at the rate of 1/2 to 1 pint per acre in sufficient water to thoroughly cover plant surfaces, including the leaf whorls. For aircraft application, use a minimum of 3 gallons of water per acre.

Sweet Corn: Make first application when 25% of the plants show evidence of leaf feeding and continue at five-day intervals as long as leaf feeding is evident. From one to three treatments may be required. For control of second brood borers, apply when eggs begin to hatch. Do not apply within 14 days of harvest.

Field Corn: Apply 10 days after eggs first hatch or when 75% of the plants show evidence of feeding in leaf whorls. Repeat 7-10 days later if new evidence of leaf feeding is present. For control of second brood borers, apply when eggs begin to hatch. Do not apply within 14 days of harvest.

PECANS

EPN Emulsifiable Insecticide is recommended for use on pecans to control certain insect pests. For application by ground, use 1 pint per 100 gallons per acre for dilute sprays. (Example: mix 2 1/2 pints in 250 gals. of water or 5 pints in 500 gals. of water.) For concentrate sprayers, use proportionately less. For air application, use a minimum of 10 gallons spray per acre. For aerial applications, flagging must be by fully automated mechanical means or by humans working in enclosed vehicles.

INSECT PEST	PINTS/ACRE	SPRAY TIMING
Hickory shuckworm	2 1/2 to 5	First application at about shell hardening time followed by a second and third spray at 2-week intervals.
Pecan weevil	2 1/2 to 5	Apply when a minimum of 6 weevils can be jarred from branches of any one tree. Follow with a second treatment 10 days to 2 weeks later.
Pecan nut casebearer	2 1/2 to 5	Apply when small nuts have turned brown. For leaf casebearer, begin when insects or injury appear and repeat as necessary to maintain control.

Do not apply when trees or a substantial number of weeds in the grove are in bloom. Do not apply within 21 days of harvest. Do not graze livestock in treated groves.

SOYBEANS:

EPN Emulsifiable Insecticide is recommended for use on soybeans to control cotton bollworm (corn earworm). Apply as a spray at the rate of 1 quart (1 lb. active) per acre in sufficient water to obtain thorough, uniform plant coverage. For air application, use a minimum of 3 gallons of water per acre. For aerial applications, flagging must be by fully automated mechanical means or by humans working in enclosed vehicles. Begin applications when counts show one bollworm per 3 feet of soybean row; repeat as needed. Do not graze or feed forage from treated fields to livestock within 21 days after last application.

STORAGE AND DISPOSAL

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

STORAGE INSTRUCTIONS

Storage should be under lock and key and secure from access by unauthorized persons and children. Storage should be in a cool dry area away from any heat or ignition source. Do not stack over 9 cans high. Move containers by handles. Do not move containers from one area to another unless they are securely sealed. Keep container tightly sealed when not in use. Keep away from any puncture source. Avoid storage near water supplies, food, feed and fertilizer to avoid contamination. Store in original containers only. If the contents are leaking or material is spilled, follow these steps while wearing protective equipment.

1. Rope off contaminated area and notify consignor.
2. Keep people up wind as far as possible to prevent vapor inhalation.
3. Contain spill, absorb with a material such as saw dust, clay granules and soda ash.
4. Collect and place in suitable containers for disposal.
5. Wash area with caustic or soda ash slurry until yellow stains cease.
6. Wood and other absorbent surfaces must be replaced.
7. Do not allow run off to enter sewer or contaminate water supplies.
8. Dispose of waste as indicated below:

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 offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

WARRANTY - CONDITION OF SALE:

DIRECTIONS FOR USE of this product are based on field use and tests believed reliable and should be followed carefully. It is however impossible to eliminate all risks associated with use of this product. Because such factors as weather conditions, foreign material and manner of use for application are all beyond the control of Drexel Chemical Company or the Seller of this product, such things as crop injury, ineffectiveness or other unintended consequences may result.

ALL SUCH RISKS ARE ASSUMED BY THE BUYER.

Drexel warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the directions for use. Drexel makes no other warranties, express or implied, including **FITNESS OR MERCHANTABILITY**. In no case shall Drexel or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. The foregoing is a condition of sale by Drexel Chemical Company and is accepted as such by the Buyer.

