

DANGER  **POISON**

KEEP OUT OF REACH OF CHILDREN

Poisonous if swallowed, inhaled or absorbed through skin! Rapidly absorbed through skin! Do not get in eyes, on skin or clothing.

In case of contact, wash immediately with soap and water. Wash hands, arms and face thoroughly with soap and water before eating or smoking. Wash all contaminated clothing with soap and hot water before re-use. Repeated inhalation or skin contact may, without symptoms, progressively increase susceptibility to EPN poisoning.

When handling or applying EPN, wear rubber gloves, clean waterproof protective clothing, and goggles. Destroy and replace gloves frequently. Wear a mask or respirator of a type passed by the U.S. Bureau of Mines for EPN protection. Airplane pilots should wear full face canister-type mask. Do not smoke while spraying or handling EPN. Before applying EPN, remove unprotected persons and domestic animals from operational and adjoining area where spray may drift. For handling indoors, provide mechanical exhaust ventilation.

Do not contaminate feed or foodstuffs.

Prohibit re-entry until drift and vapor dissipate. Never allow spray mist to drift into property of others.

This product is toxic to fish and wildlife. Birds feeding on treated areas may be killed. Keep out of any body of water. Do not apply when weather conditions favor drift from areas treated. Do not apply where run-off is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

DO NOT USE, POUR, SPILL, OR STORE NEAR HEAT OR OPEN FLAME.

FIRST AID TREATMENT

If symptoms or signs of poisoning include blurred vision, abdominal cramps, and tightness in the chest, don't wait for doctor, but give two atropine tablets (each 1/100 grain) at once. Remove patient immediately from the area where EPN 4-E is present. **IF SWALLOWED**-Induce vomiting by giving warm salty water. Have victim lie down, keep warm and quiet. Never give anything by mouth to an unconscious patient. **SKIN CONTACT**-Remove contaminated clothing and wash skin clean with plenty of soap and water to remove all traces of EPN 4-E. **EYES**-Wash immediately with clear water for at least 10 minutes. **2-PAM** is also antidotal and may be administered in conjunction with atropine.

NOTE TO PHYSICIAN

WARNING SYMPTOMS: Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive pin-point pupils, salivation, sweating, nausea, vomiting, diarrhea and abdominal cramps. **TREATMENT:** Atropine is the specific therapeutic antagonist of choice against para-sympathetic nervous stimulation. If there are signs of para-sympathetic stimulation, atropine sulfate should be injected at 10-minute intervals, in doses of 1 to 2 milligrams, until complete atropinization has occurred. Morphine is contraindicated. Clear chest by postural drainage. Oxygen administration may be necessary. Observe patient continuously for 48 hours. Repeated exposure to cholinesterase inhibitors may, without warning, cause prolonged susceptibility to very small doses of any cholinesterase inhibitor. Allow no further exposure until time for cholinesterase regeneration has been allowed as determined by blood test.

DIRECTIONS FOR USE


Application should be made only by trained personnel using approved protective equipment. Do not apply with hand equipment. Pour specified amount of this product into nearly filled spray tank. Add balance of water to fill tank. Keep agitator running during filling and spraying operations. Do not allow mixture to stand. If mixture does not mix readily, but tends to separate as an oily layer, do not use as injury to plants may result. Do not combine with wettable powders unless previous use of the mixture has proven physically compatible and

HELENA

EPN 4-E

Emulsifiable Insecticide Concentrate

This product contains 4 lbs. of EPN per gallon

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SEE ANTIDOTE AND OTHER WARNINGS ON SIDE PANEL

ACTIVE INGREDIENTS:

O-Ethyl O-(p-nitrophenyl) phenylphosphonothioate	45.87%
xylene	43.56%
INERT INGREDIENTS	10.57%
TOTAL	100.00%

READ LABEL BEFORE USING

When applying this product, use water for the control of insects. In California use a minimum of 100 gallons of water per acre (F)

Do not use on cucumbers. Result

BEANS: For control of insects, apply within 21 days after planting to 7 days after emergence.

CORN: For control of insects, application when corn is in the vegetative stage. Intervals as long as 10 days. For leaf whorls, repeat application within 14 days of first application.

COTTON: Cotton fleahopper, apply 1 pint per acre. Repeat

Bollworm, 1 to 2 pints per acre. Repeat

Bollworm, tobacco, terminals are four

Do not apply with hand equipment. Application should be made to livestock

WARRANTY AND material conforms to purposes referred to in risks referred to in warranty including and no agent of H specific reference



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GENERAL INFORMATION

When applied to plants, this insecticide is absorbed by the treated water and soil. It may be used on a wide variety of crops for the control of many insects. It is also effective against water predators of many aquatic insects.

For more information, contact your local Helena Chemical Company representative.

RECOMMENDATIONS

BEANS: For control of two spotted leaf beetles, Mexican leaf beetles, etc., apply within 20 days of harvest. For Mexican leaf beetles, apply 7 to 10 days after eggs are laid.

CORN: For control of European cornborer, apply at 10 to 15 days after application when 25% of the plants show evidence of leaf feeding. Repeat at 4 to 5 day intervals during a leaf feeding period. For control of treatments, may be required for field corn apply 10 days after eggs first hatch or when 25% of the plants show evidence of feeding leaf whorls. Repeat 7 to 10 days later if new evidence of leaf feeding is present. Do not apply within 14 days of harvest.

COTTON

Cotton fruit borer, cotton leafworm, spider mites, thrips, yellow and red stem borers, etc. 1/2 pint per acre. Repeat at 4 to 5 day intervals.

Boll weevil 1 to 2 pts. Apply when plants are fruiting freely and 25% of the squares are punctured. Repeat at 5 day intervals.

Bollworm, tobacco budworm 2 pts. for bollworm, apply when eggs or 4 to 5 larvae per 100 terminals are found. Repeat at 5 day intervals.

Do not apply within 3 days of hand picking. Workers entering fields within 24 hours of application should wear protective clothing. Do not feed treated forage or gin trash to livestock.

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WARRANTY AND LIMITATION OF DAMAGES: Helena Chemical Company warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use and Conditions of Sale, subject to the inherent risks referred to therein. Helena Chemical Company makes no other express or implied warranty, including any other express or implied warranty of **FITNESS** or of **MERCHANTABILITY**, and no agent of Helena Chemical Company is authorized to do so except in writing, with a specific reference to this warranty. Any damages arising from a breach of this warranty shall