



**DANGER-POISON-PRECAUTIONS** ☠

**CAN KILL YOU IF SWALLOWED**

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



**CAN KILL YOU 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 YOU IF BREATHED**

This product can kill you if vapors, spray mist or dust are breathed.

**POISONOUS TO FISH AND WILDLIFE**

This product is toxic to fish and wildlife. Birds and other wildlife in treated areas may be killed. Keep

out of any body of water. Do not apply when weather conditions favor drift from treated areas. Do not apply when runoff is likely to occur.

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 contaminate water by cleaning of equipment or disposal of wastes.

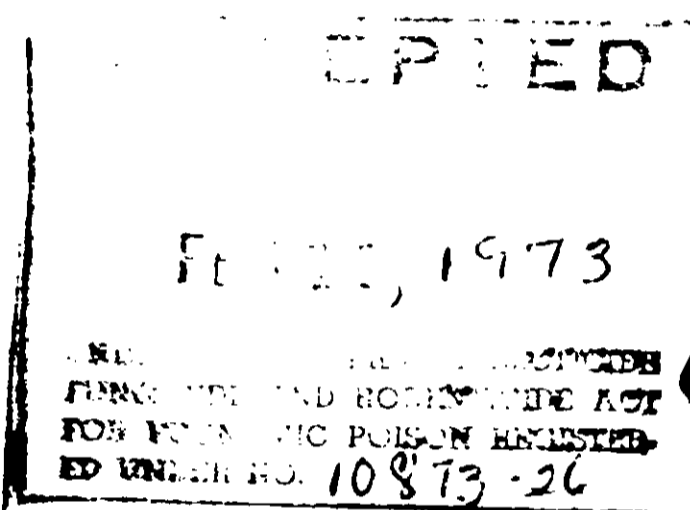
**CAUTION: DO NOT USE, POUR, SPILL, OR STORE NEAR HEAT OR OPEN FLAME.**

MANUFACTURED BY

**TIFTON CHEMICAL COMPANY**

P.O. Box 5 — Tifton, Georgia 31794

P.O. Box 1137 — Forrest City, Arkansas 72335



**POISON**  
See side panels  
for antidote  
and precautions

**STOP! READ THE LABEL**



**CAN KILL YOU**

# TIFCHEM EPN

**ACTIVE INGREDIENTS:**

\*O-Ethyl O-p-nitrophenyl phenylphosphonothioate . . . . . 55.17%  
Xylene . . . . . 33.74%

**INERT INGREDIENTS . . . . . 11.13%**

**TOTAL . . . . . 100.00%**

\*Contains 5 lbs. EPN\* per gallon

**DIRECTIONS FOR USE**

Application can be made by aircraft or ground power equipment by trained personnel only 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 combine with wettable powders unless previous use of the mixture has proven physically compatible and safe to plants. Always thoroughly emulsify this product with at least half of total water before adding wettable powder. Do not hand pick or harvest within 3 days of application.

**AIRCRAFT & GROUND EQUIPMENT WATER RATES PER ACRE**

If applied by aircraft the minimum amount of water per acre should be approximately 3 to 10 gallons consistent with crop growth and good coverage. If applied with ground equipment this rate should be approximately 5 to 10 gallons per acre.

**RECOMMENDED APPLICATIONS ON COTTON**

INSECTS	PINTS PER ACRE
Thrips, yellow striped armyworm, cotton leafworm	3/4-1
Ball Weevil	1-1 1/2
Bollworm	1 1/2

USE OF PRO.

(1) Wear boots or goggles approved protective rubber g

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**DANGER**  
Keep out of reach  
of children

**USE ONLY WHEN WEARING THE FOLLOWING  
PROTECTIVE EQUIPMENT AND CLOTHING**

(1) Wear water-proof pants, coat, hat, rubber boots or rubber overshoes. (2) Wear safety goggles. (3) Wear mask or respirator approved by the U.S. Bureau of Mines for EPN protection. (4) Wear heavy duty, natural rubber gloves.

**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 a 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 First Aid Treatment Section) 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 smoking, 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.

**NOT FOR HOME USE**

**EPA REG. NO. 10873—26**



**RECOMMENDED APPLICATIONS  
ON COTTON**

CTS	PINTS PER ACRE
s, yellow striped armyworm, cotton leafworm	¾-1
Neevil	1-1 ½
orm	1 ½

**POISON SIGNS (Symptoms)**

EPN is a very dangerous poison. It rapidly enters the body on contact with all 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 are: Headache, nausea, vomiting, cramps, weakness, blurred vision, pin-point pupils, tightness in chest, labored breathing, nervousness, sweating, watering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma.

**+ 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 vomit quickly. Induce vomiting by sticking finger down throat or by giving soapy or strong salty water to drink. Repeat until vomit is clear. Never give anything by mouth 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.

**NOTICE**

Seller's guaranty shall be limited to the terms of the label and subject thereto. The buyer assumes any risk to persons or property arising out of use or handling and accepts the product on these conditions.



**NOTE TO PHYSICIAN  
TREAT SYMPTOMATICALLY**

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.**

**POST TREATED AREA**

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

**DESTROY EMPTY CONTAINER  
NEVER RE-USE**

Completely empty contents and bury unused chemical 18 inches deep in an isolated location away from water supplies.

**GLASS CONTAINER:** Break container and bury 18 inches deep.

**METAL CONTAINERS: 1-Gal. Can** — Pour 1 qt. of water into empty can. Add 1 tablespoon of household detergent. Rotate can carefully until all inner surfaces are wet. Bury rinse solution 18 inches deep. Punch holes in top and bottom of container, crush and bury. **5-Gal Drum** — Pour 2 qt. of water into empty container. Slowly add ½ cup caustic soda (lye) and 2 tablespoons household detergent. Then proceed as for 1-gal container. **30-Gal Drum** — Same as for 5-gal. drum except use 3 gal. water, 1 lb. lye, and ½ cup detergent for rinsing. **55-Gal Drum** — Same as for 5-gal. drum except use 5-gal. water, 2 lb. lye and 1 cup detergent for rinsing.

Do not get rinse solution on hands, clothing or in eyes. In case of contact, immediately wash with soap and water.