



**DANGER—POISON—PRECAUTIONS** ☠

**POISONOUS IF SWALLOWED**  
This product can kill you if swallowed even in small amounts. Spray mist or dust may be fatal if swallowed.

**POISONOUS BY SKIN CONTACT**  
Poisonous if touched by hands or spilled or splashed on skin, in eyes or on clothing (liquid goes through clothes).

**POISONOUS IF BREATHED**  
Breathing vapors, spray mist or dust may be fatal.

**POISONOUS TO FISH AND WILDLIFE**  
This product is toxic to fish and wildlife. Birds and animals that eat treated plants may be killed. Keep out of any body of water. Do not apply where runoff or drift may occur.

**POISONOUS TO FISH AND WILDLIFE**  
This product is highly toxic to fish exposed to drift treatment areas. Do not apply where runoff or drift may occur.

Precaution information may be found on the label. For more information, contact your local Agricultural Extension Service.

Do not contaminate water by cleaning of equipment or disposal of wastes.

**DANGER**

**DANGER:** Poisonous if swallowed, inhaled or absorbed through skin. Rapidly absorbed through skin.

**POISONING SYMPTOMS:** Headache, blurred vision, weakness, nausea, cramps, diarrhea, discomfort in chest.

**ANTIDOTE:** Atropine is the specific antidote. Obtain emergency supply of Atropine 1-100 grain tablets from your physician. Keep on hand.

**CALL A PHYSICIAN IMMEDIATELY** if persons handling or working with Parathion develop poisoning symptoms.

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

**+ FIRST AID TREATMENT +**

Call a doctor, physician, clinic or hospital immediately. Explain that the victim has been exposed to parathion 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.

**POST TREATED AREA**

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

**FOR ALL EMPTY CONTAINERS**

**DO NOT** re-use the container. Completely empty the contents and bury unused chemical at least 18 inches deep in an isolated location, away from water supplies.

**GLASS CONTAINERS:** Break the container and bury the pieces at least 18 inches deep in a isolated location away from water supplies.

**METAL CONTAINERS:**

**1-GALLON CANS:** Pour 1 pt. of water into empty can and add 1 tablespoonful household detergent. Rotate can carefully to wet all inner surfaces with the solution. Bury rinse solution at least 18 inches deep in an isolated location away from water supplies. Punch holes in top and bottom of cans, crush can, and bury deeply in an isolated location.

**5-GALLON, 30-GALLON and 55-GALLON DRUMS:** Pour the following mixture into empty containers.

**5-GALLON DRUMS:** 2 qts. water, 1/2 cup caustic soda (household lye), 2 tablespoons of detergent.

**30-GALLON DRUMS:** 3 gallons water, 1 lb. caustic soda (household lye), 1/2 cup detergent.

**55-GALLON DRUMS:** 5 gallons water, 2 lb. caustic soda (household lye), 1 cup detergent.

Rotate container until all inner surfaces are thoroughly wet. Bury the rinse solution at least 18 inches deep in an isolated area away from water supplies.

**CAUTION:** Handle caustic soda (household lye) with extreme care. Do not get on skin, in eyes, or on clothing. Read and carefully follow the precautions on package. Punch holes in top and bottom of container, crush container. Bury deeply in an isolated area.

**IF THE ABOVE RINSE METHOD CANNOT BE USED**

Punch holes in **TOP** of container and burn in hot fire until all paint has been completely burned off container. Extreme care should be exercised to insure that containers are completely empty and that persons stay well away from smoke and fumes. Do not attempt to burn more than 5 containers at one time.

**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.** Parathion 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

**STOP - READ LABEL BEFORE USING!**

**Red**  
**POISON**  
See Side Panels for Antidote & Precautions



**Red**  
**DANGER**  
Keep Out of Reach of Children



METHYL PARATHION 4-E

AN EMULSIFIABLE LIQUID

Contains 4 pounds Methyl Parathion per Gallon

**ACTIVE INGREDIENTS:**

\*O, O-dimethyl O-p-nitrophenyl phosphorothioate ..... 45.5%  
Xylene Range Aromatic Hydrocarbon Solvent ..... 49.5%

INERT INGREDIENTS: ..... 5.0%  
TOTAL ..... 100.0%

\*Methyl Parathion

NOT FOR HOME USE

**DO NOT RE-USE THIS CONTAINER FOR ANY PURPOSE**

**RECOMMENDATIONS**

Application should be made by experienced persons using approved safety equipment.

**COTTON:** Aphids, Bollworms, Leafhoppers, Fleahoppers, Mites and Thrips.

Early Season Control: 1 to 2 quarts per acre in 100 to 200 gallons of water for thorough coverage. Apply at the 4-leaf stage or later. Repeat 2 to 4 applications at 7 to 10 day intervals.

Mid and Late Season Control: 1 to 2-1/2 quarts per acre in 100 to 200 gallons of water for thorough coverage. Repeat at 4 to 5-day intervals until the infestation is under control.

For Aircraft Application: 1 to 3 gallons of water per acre with good coverage.

Ground Spray Equipment: 3 to 10 gallons of water per acre.

USE ONLY AS RECOMMENDED

WORKERS ENTERING FIELDS 24 HOURS AFTER APPLICATION SHOULD WEAR PROTECTIVE CLOTHING.

Do not apply within 10 days of picking or harvesting.

DO NOT GRAZE DAIRY ANIMALS BEING FINISHED IN TREATED FIELDS.

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Red

**POISON**

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Precautions



Red

**DANGER**

Keep Out of  
Reach of  
Children

**HELENA**

METHYL  
PARATHION 4-E

AN EMULSIFIABLE LIQUID

Contains 4 pounds Methyl Parathion per Gallon

**ACTIVE INGREDIENTS:**

*O, O-dimethyl O-p-nitrophenyl phosphorothioate .....	45.5%
Xylene Range Aromatic Hydrocarbon .....	49.5%
Solvent .....	5.0%

INERT INGREDIENTS: .....	5.0%
TOTAL .....	100.0%

\*Methyl Parathion

NOT FOR HOME USE

DO NOT RE-USE THIS CONTAINER FOR ANY PURPOSE

**RECOMMENDATIONS**

Application should be made only by experienced personnel using approved safety equipment.

**COTTON:** Aphids, Boll Weevils, Cotton Leafworms, Fleahoppers, Red Spider Mites and Thrips.

Early Season Control - Apply 1 quart per acre in sufficient water for thorough coverage. Begin at the 4-leaf stage or earlier. Make 2 to 4 applications at 7 to 10-day intervals.

Mid and Late Season Control - Apply 1 to 2-1/2 quarts per acre in sufficient water for thorough coverage. Repeat at 4 to 5-day intervals until the infestation is brought under control.

For Aircraft Application - Use with 1 to 3 gallons of water per acre consistent with crop growth and good coverage.

Ground Spray Equipment - Use with 3 to 10 gallons of water per acre.

USE ONLY AS RECOMMENDED!

WORKERS ENTERING FIELDS WITHIN 24 HOURS AFTER APPLICATION SHOULD WEAR PROTECTIVE CLOTHING.

Do not apply within 7 days of hand picking or harvesting.

DO NOT GRAZE DAIRY ANIMALS OR ANIMALS BEING FINISHED FOR SLAUGHTER IN TREATED FIELDS.

ACCEPTED

**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 Parathion 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 parathion 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.

**POISON SIGNS (Symptoms)** ← Red

Parathion is a very dangerous poison. It rapidly enters the body by 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 rothing of mouth and nose, muscle spasms and coma.

**NOTICE OF WARRANTY**

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 be limited to direct damages and not include consequential commerial damages such as loss of profit or value, etc.