

**DANGER—POISON—PRECAUTIONS**

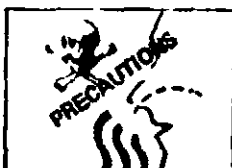
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**



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



**POISONOUS BY SKIN CONTACT**  
Poisonous if touched by hands or spilled or splashed on skin or eyes or on clothing which goes through clothes.



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

**WORK SAFETY RULES**

**REPEATED EXPOSURES TO CHOLINESTERASE INHIBITORS SUCH AS ARE CONTAINED IN THIS PRODUCT MAY, WITHOUT WARNING CAUSE PROLONGED SUSCEPTIBILITY TO VERY SMALL DOSES OF ANY CHOLINESTERASE INHIBITOR.**

Persons working with this product should have frequent blood tests of their cholinesterase levels. If the cholinesterase level falls below a critical point, no further exposure should be allowed until it has been determined by means of blood tests that the cholinesterase level has returned to normal. Before using this product, consult the State Agricultural Extension Service or Experimental Station for specific recommendations regarding such blood tests.

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.

**PROTECTIVE EQUIPMENT AND CLOTHING**

(1) Wear water-proof pants, coat, hat, rubber boots or rubber overshoes. (2) Wear safety goggles. (3) Wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U. S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under provisions of 30 CFR Part 11. (4) Wear heavy duty, natural rubber gloves.

**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)**

Parathion 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 headaches, nausea, vomiting, cramps, weakness, blurred vision, pin-point pupils, tightness in the chest, labored breathing, nervousness, sweating, watering of eyes, drooping or frothing of mouth and nose, muscle spasms and coma.

**PHYSICAL AND CHEMICAL HAZARDS**

Keep away from heat and open flame. Keep container closed. Leaking package should be moved to a safe place. If this material should catch fire or empty containers are destroyed by burning extreme caution should be exercised that persons stay well away from the smoke and fumes.

**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 a pharmacologic antidote and may be administered as an adjunct to, but not substitute for, atropine which is a symptomatic and often life-saving antidote. **DO NOT GIVE MORPHINE, THEOPHYLLINE, THEOPHYLLINE ETHYLENE-DIAMINE (AMINOPHYLLINE) PHENOTHIAZINES OR PHENOTHIAZINE TYPE OF TRANQUILIZERS AS THESE ANTIDOTES MAY PRODUCE ADVERSE EFFECTS ACCENTUATING THE PHARMACOLOGIC EFFECT OF THIS PRODUCT.** This product 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.**

**ENVIRONMENTAL HAZARD**

This product is toxic to fish, birds, and other wildlife. Birds and other wildlife in treated areas may be killed. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label. 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.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Pesticide, spray mixture, or rinseate that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticides or buried in a safe place away from water supplies. Triple rinse containers and dispose of in an approved landfill or bury in a safe place. Consult federal, state or local authorities for approved alternate procedures.

**TO PREVENT PERSONAL INJURY AND POSSIBLE FATALITIES**

Workers entering treated fields within 48 hours must wear protective clothing. Vacated areas should not be re-entered until drifting insecticide and volatile residues have dissipated. Because this material is poisonous by skin contact, inhalation or swallowing it should not be used in such a manner or under weather conditions as will permit drift of the spray onto areas not intended to be sprayed. Do not apply with hand equipment.

**RESTRICTED USE PESTICIDE**

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



**PARATHION 4-E**

**ACTIVE INGREDIENTS:**

Parathion (O,O-Diethyl O-P-Nitrophenyl Phosphorothioate)  
Xylene Range Aromatic Petroleum Derivative Solvent

**INERT INGREDIENTS:**

EPA Est. No. 07467-TX-01

Total.....

EPA Reg. No. 07467-57

**CONTAINS FOUR POUNDS PARATHION PER GALLON**

APR 30 1981

7467-57

**FIRST AID TREATMENT**

**ATROPINE IS AN ANTIDOTE-CONSULT PHYSICIAN FOR EMERGENCY SUPPLY. CALL A PHYSICIAN AT ONCE IN ALL CASES OF SUSPECTED PARATHION POISONING.** Call a doctor (physician) clinic or hospital-immediately explain that the victim has been exposed to parathion and describe his condition. Move patient immediately from the area where parathion is present. **INTERNAL:** If breathing has stopped, start artificial respiration immediately and maintain until sees victim. If swallowed and victim is awake (conscious) make him vomit quickly. Have victim drink 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Have victim lie down, keep quiet. Get medical attention. **EXTERNAL:** 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.

KEEP OUT OF THE REACH OF CHILDREN



**Danger-POISON**

Before using, study precautions, poisoning symptoms, First Aid Treatment. Antidote given on left panel of this label.

Manufactured by **VALCO CHEMICALS DIVISION** (Hordingen) VALLEY CO-OP OIL MILL

**RESTRICTED USE PESTICIDE**

Sale to and use only by Certified Applicators, or persons under their direct supervision, and only uses covered by the Certified Applicator's certification.



**PARATHION 4-EC**

**INGREDIENTS:**

1 (O,O-Diethyl O-P-Nitrophenyl Phosphorothioate)  
Range Aromatic Petroleum Derivative Solvent

By Wt.  
46.34 %  
46.25 %  
7.41 %

**INGREDIENTS:**

No. 07467-TX-01 Total 100.00 %  
No. 07467-57

CONTAINS FOUR POUNDS PARATHION PER GALLON

30 1981

**FIRST AID TREATMENT**

**ATROPINE IS AN ANTIDOTE-CONSULT PHYSICIAN FOR EMERGENCY SUPPLY A PHYSICIAN AT ONCE IN ALL CASES OF SUSPECTED PARATHION POISONING.**  
If a doctor, physician, clinic or hospital-immediately explain that the victim has been exposed to and describe his condition.  
Remove patient immediately from the area where parathion is present.  
If breathing has stopped, start artificial respiration immediately and maintain until doctor arrives. If swallowed and victim is awake (conscious) make him vomit quickly. Have victim drink 1 glass of water and induce vomiting by touching back of throat with finger. Do not force vomit or give anything by mouth to an unconscious person. Have victim lie down and quiet. Get medical attention.  
If 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.

KEEP OUT OF THE REACH OF CHILDREN

**Danger-POISON**

Use with caution, study precautions, poisoning symptoms, First Aid Treatment and Antidote given on left panel of this label

Produced by **VALCO CHEMICALS DIVISION** Fort Worth, Texas 76102  
VALLEY CO-OP OR MILL

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with directions on the label.

Add the concentrate to the spray tank while filling with water, and mix thoroughly by means of continual tank agitation during filling and spraying operation. For application by ground equipment, add the desired amount of concentrate to sufficient water to apply at least 3 gallons of spray mix per acre. For application by aircraft, add the desired amount of concentrate to sufficient water to apply 1 to 3 gallons of spray mix per acre. For best results thoroughly cover all surfaces to be treated with spray.

**COTTON** - To control aphids, mites, cotton leafworms, cotton fleahoppers, garden webworms and thrips, use 1/2 pint per acre. For some spider mites, use 1/4 to 1/2 pint per acre. For cabbage loopers, use 1/4 to 1 pint per acre. For bollweevils and stink bugs, use 1 to 1 1/2 pints per acre. For salt-marsh caterpillars, use 1 to 2 pints per acre. For bollworms, cotton leaf perforators, Lygus bugs, false chinch bugs, serpentine leaf miners and southern garden leafhoppers, use 1 quart per acre. **DO NOT APPLY WITHIN 5 DAYS OF HARVEST.**

**CORN** - For control of European corn borers, use 1 pint per acre. For corn leaf aphids, use 1/2 pint per acre. For fall armyworms, corn earworms, corn rootworm adults, armyworms up to third instar, climbing cutworms, grasshoppers and Japanese beetles, use 1/2 pint per acre. To control stink bugs and spider mites, use 1 pint per acre. To control chinch bugs, use 1 1/2 pints per acre. **DO NOT APPLY WITHIN 12 DAYS OF HARVEST CUTTING OR FORAGE USE.**

**SORGHUM** - To control sorghum midge, apply at rate of 1 pint to 1 quart per acre, 2 applications 3 to 5 days apart when approximately 80% of the heads have completely emerged from the boot or not later than start of blooming. For corn leaf aphids and mites, use 1/2 pint per acre. For sorghum webworms, fall armyworms, armyworms up to third instar, and corn earworms, use 1/4 to 1 pint per acre. To control chinch bugs, use 1 1/2 pints per acre. **DO NOT APPLY WITHIN 12 DAYS OF HARVEST, CUTTING OR FORAGE USE.**

**BEANS** - For control of bean leaf beetles and two-spotted mites, use 1/2 pint per acre. Use 1/4 to 1/2 pint per acre to control thrips and lima pod borers. To control stink bugs, plant bugs, Mexican bean beetles, leaf rollers, leaf miners, leafhoppers, aphids, red spider mites and armyworms up to third instar, use 1 pint per acre. **DO NOT APPLY WITHIN 15 DAYS OF HARVEST.**

**BEETS** - To control flea beetles and leaf miners, use 3/5 pint per acre. For aphids, blister beetles and webworms, use 1 pint per acre. **DO NOT APPLY WITHIN 15 DAYS OF HARVEST** if greens are used for food. **DO NOT USE WITHIN 21 DAYS OF HARVEST.**

**CABBAGE AND COLE CROPS (Broccoli, Brussels Sprouts, Cauliflower)** - To control aphids, thrips, diamondback moth larvae, imported cabbageworms, cabbage loopers and armyworms up to third instar, use 1/2 to 1 pint per acre. To control harlequin bugs, vegetable weevils, climbing cutworms and flea beetles, use 1 pint per acre. **DO NOT APPLY WITHIN 7 DAYS OF HARVEST.**

**CARROTS** - To control leaf miners, use 1/2 to 3/4 pint per acre. To control leafhoppers, use 1/4 pint per acre. Use 1 pint per acre to control aphids, vegetable weevils, stink bugs and petrobia mites. Do not feed tops. **DO NOT APPLY WITHIN 15 DAYS OF HARVEST.**

**COLLARDS KALE AND MUSTARD GREENS** - To control aphids, leaf miners, armyworms up to third instar, cabbage loopers, vegetable weevils, harlequin bugs, seed corn maggots, crown mites and leafhoppers, use 1 pint per acre. **DO NOT APPLY WITHIN 10 DAYS OF HARVEST.**

**CUCUMBERS** - For squash vine borers, aphids, cucumber beetles, leaf miners, pickleworms, mites and thrips, use 1/2 to 1 pint per acre. For squash bugs, stink bugs, flea beetles and leafhoppers, use 1 pint per acre. Do not apply prior to vining. **DO NOT APPLY WITHIN 15 DAYS OF HARVEST.**

**LETTUCE (Head)** - To control aphids, cabbage loopers, imported cabbageworms, banded cucumber beetles, Lygus bugs, webworms and armyworms up to third instar, use 1/2 to 1 pint per acre. To control six-spotted leafhoppers, use 1/4 pint per acre. For harlequin bugs, vegetable weevils and leaf miners, use 1 pint per acre. To control garden symphyla, broadcast 1 1/2 gallons per acre just prior to planting and thoroughly incorporate into upper 6 to 9 inches of soil. **DO NOT APPLY WITHIN 7 DAYS OF HARVEST.**

**LETTUCE (Leaf and Stem)** - For aphids, armyworms up to third instar, cabbage loopers, imported cabbageworms, banded cucumber beetles and Lygus bugs, use 1/2 to 1 pint per acre. To control six-spotted leafhoppers, use 1/4 pint per acre. For harlequin bugs and vegetable weevils, use 1 pint per acre. **DO NOT APPLY WITHIN 21 DAYS OF HARVEST.**

**MELONS** - For squash vine borers, leaf miners and false chinch bugs, use 1/2 pint per acre. For aphids, leafhoppers, cucumber beetles, pickleworms and mites, use 1/2 to 1 pint per acre. To control thrips, squash bugs and stink bugs, use 1 pint per acre. **DO NOT APPLY WITHIN 7 DAYS OF HARVEST.**

**ONIONS** - To control onion thrips, use 1/2 pint per acre. To control onion maggot flies, use 1/4 pint per acre. To control aphids, stink bugs, leaf miners, and petrobia mites, use 1 pint per acre. To control brown wheat mites, use 1 1/4 pints per acre. **DO NOT APPLY WITHIN 15 DAYS OF HARVEST.**

**PEPPERS** - To control thrips, use 7/16 to 1/2 pint per acre. To control aphids, leaf miners and western potato flea beetles, use 1 pint per acre. **DO NOT APPLY WITHIN 15 DAYS OF HARVEST.**

**POTATOES** - To control aphids, blister beetle, Colorado potato beetle, leaf miners, mites, plant bugs, potato psyllid, thrips, vegetable weevils and grasshoppers, use 1/2 to 1 pint per acre. For armyworms up to third instar, cabbage loopers, and climbing cutworms, use 1/4 pint per acre. For leafhoppers, stink bugs and flea beetles, use 1 pint per acre. **DO NOT APPLY WITHIN 5 DAYS OF HARVEST.**

**RADISHES** - To control aphids, false chinch bugs and harlequin bugs, use 1/2 to 1 pint per acre. To control cabbage loopers and diamondback moths, use 1 pint per acre. **DO NOT APPLY WITHIN 15 DAYS OF HARVEST.**

**SPINACH** - To control aphids, leaf miners, armyworms up to third instar, cabbage loopers, vegetable weevils, harlequin bugs, seed corn maggots, crown mites and leafhoppers, use 1 pint per acre. **DO NOT APPLY WITHIN 15 DAYS OF HARVEST.**

**SQUASH** - To control cucumber beetles, aphids, stink bugs, melonworms, pickleworms, climbing cutworms, serpentine leaf miners and squash vine borers, use 1/2 to 1 pint per acre. To control squash bugs, flea beetles and leafhoppers, use 1 pint per acre. **DO NOT APPLY WITHIN 15 DAYS OF HARVEST.**

**SWEET CORN** - To control corn earworms feeding in the bud, fall armyworms, aphids and silklines, use 1/2 pint per acre. To control sap beetles and spider mites, use 1 pint per acre. To control chinch bugs, use 1 1/2 pints per acre. **DO NOT APPLY WITHIN 15 DAYS OF HARVEST.**

**TOMATOES** - To control blister beetles, use 1/2 pint per acre. To control hornworms, leafhoppers and psyllids, use 1/4 pint per acre. For aphids, leaf miners, whiteflies, armyworms up to third instar, grasshoppers, mites, tomato russet mites, leaf-footed bugs, stink bugs, loopers and plant bugs, use 1 pint per acre. **DO NOT APPLY WITHIN 10 DAYS OF HARVEST.**

**TURNIPS** - To control aphids, cabbage webworms, climbing cutworms, vegetable weevils, false chinch bugs and harlequin bugs, use 1/2 to 1 pint per acre. To control cabbage loopers, use 1 pint per acre. **DO NOT APPLY WITHIN 10 DAYS OF HARVEST.** If greens are used for food, **DO NOT APPLY WITHIN 21 DAYS OF HARVEST.**

**CONDITION OF SALE**  
Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material in strict accordance with the directions on the label.  
Label No. 8007-120