

**PRECAUTIONARY STATEMENTS**

**☠ 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, in eyes or on clothing (liquid 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 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 areas 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.

If handled indoors, provide mechanical exhaust ventilation.

**HANDLE 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 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.

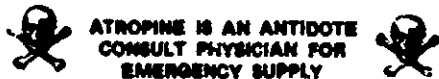
**IMPORTANT!** Before removing gloves, wash them with soap and water. Always wash hands, face and nose with soap and water before smoking, eating or drinking.

**AFTER WORK,** take off all work clothes, and 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 chest, labored breathing, nervousness, sweating, watering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma.



**CALL A PHYSICIAN AT ONCE IN ALL CASES OF SUSPECTED PARATHION POISONING.**

If symptoms or signs of poisoning include blurred vision, abdominal cramps, and tightness in the chest, do not wait for a doctor but give two atropine tablets (each 1/100 grain or 0.65 milligrams) at once. (One tablet to children under five years of age).

**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 a substitute for, atropine which is a symptomatic and often life-saving antidote. DO NOT GIVE MORPHINE, THEOPHYLLINE, THEOPHYLLINE ETHYLENE-DIAMINE (AMINOPHYLLINE), PHENOTHIAZINES OR PHENOTHIAZINE 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 with morphine. Continued reduction of the poison after initial improvement. VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 24 HOURS.

**ACCEPTED**  
 MAY 1 1981  
 Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 7467-58

**RESTRICTED USE PESTICIDE**

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

NET CONTENTS GAL.



**METHYL-ETHYL 3-**

**ACTIVE INGREDIENTS:**

Methyl Parathion (O,O-Dimethyl O-P-Nitrophenyl Phosphorothioate).....  
 Parathion (O,O-Diethyl O-P-Nitrophenyl Phosphorothioate).....  
 Xylene Range Aromatic Petroleum Derivative Solvents.....

**INERT INGREDIENTS:**

EPA Est. No. 07467-TX-01  
 EPA Reg. No. 07467-58  
 Total.....

**CONTAINS 3 POUNDS METHYL PARATHION & 6 POUNDS ETHYL PARATHION PER GAL.**

**STATEMENT OF PRACTICAL TREATMENT**

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.

If breathing has stopped, start artificial respiration immediately and maintain until sees victim. If swallowed and victim is awake (conscious), make him vomit quickly. victim drink 1 or 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 victim. Have victim lie down and keep quiet. Get medical attention.

**Keep Out Of Reach of Children! Read Label Before Using**

**Danger-POISON**

BEFORE USING STUDY PRECAUTIONS, POISONING SYMPTOMS, FIRST AID TREATMENT AND AID GIVEN ON LEFT PANEL OF THIS LABEL

**VALCO CHEMICALS DIVISION**  
 VALLEY CO. OIL MILL

**RESTRICTED USE PESTICIDE**

Use only by Certified Applicators, or persons under their direct supervision, and only as covered by the Certified Applicator's certification.



**METHYL-ETHYL 3-6**

<b>INGREDIENTS:</b>	<b>By Wt.</b>
Parathion (O,O-Dimethyl O-P-Nitrophenyl Phosphorothioate).....	28.78%
Chlorpyrifos (O,O-Diethyl O-P-Nitrophenyl Phosphorothioate).....	57.55%
Inert Aromatic Petroleum-Derivative Solvents.....	5.34%
<b>ADDITIONAL INGREDIENTS:</b>	<b>8.73%</b>
No. 07467-TX-01	
No. 07467-58	
<b>Total.....</b>	<b>100.00%</b>

3 POUNDS METHYL PARATHION  
3 POUNDS ETHYL PARATHION PER GAL.

**STATEMENT OF PRACTICAL TREATMENT**

If (physician), clinic or hospital immediately. Explain that the victim has been poisoned with parathion and describe his condition. Move patient immediately from the area where parathion is present.

If patient has stopped, start artificial respiration immediately and maintain until doctor arrives. If swallowed and victim is awake (conscious), make him vomit quickly. Have him drink 1 or 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 patient lie down and keep quiet. Get medical attention.

Keep Out Of Reach of Children! Read Label Before Using

**Danger-POISON**

STUDY PRECAUTIONS, POISONING SYMPTOMS, FIRST AID TREATMENT AND ANTIDOTE GIVEN ON LEFT PANEL OF THIS LABEL

**VALCO CHEMICALS DIVISION** Houston, Texas 77050  
VALLEY CO OP OIL MILL

**ENVIRONMENTAL HAZARDS**

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 run-off 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.

**PHYSICAL AND CHEMICAL HAZARDS**

Keep away from heat and open flame. Keep container closed. Leaking packages 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. In case of FIRE, use water spray, foam, dry chemical or Co2. SPILL or LEAK: Keep all unprotected persons away. Cover with absorbent such as soda ash, lime, clay or saw dust. Sweep up and bury. Wash area thoroughly with strong lye solution.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with directions on the label. Do not apply with hand equipment. Add the concentrate to about half the water to be used and mix thoroughly by means of continual tank agitation during both filling and spraying. For foliage application, add the desired amount of concentrate to sufficient water to provide uniform coverage. For best results, thoroughly cover surfaces to be treated with spray. This usually requires at least 3 gallons of solution per acre.

**TO PREVENT PERSONAL INJURY AND POSSIBLE FATALITIES**

Keep all persons and animals out of treated areas for 48 hours. Workers entering treated fields within 48 hours must wear protective clothing. Vacated areas should not be reentered until drifting insecticide and volatile residues have dissipated. Do not use in any manner other than recommended on this label. To avoid excessive residues of parathion on food or forage crops, always observe the statements found below limiting the time before harvest when parathion may be applied. 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 on to areas not intended to be sprayed. Do not apply or allow drift to areas occupied by unprotected humans or beneficial animals.

**COTTON** - For control of cotton leafworms, fleahoppers, Lygus bugs, red spider mites, thrips and garden webworms, use 1/2 pint per acre. For control of cabbage loopers and boll weevils, use 3/4 to 1 1/2 pints per acre. For bollworms and budworms use 1 1/2 pints per acre. For aphids, cotton leaf perforators, armyworms up to third instar, stink bugs and saltmarsh caterpillars, use 1 pint per acre. Application to cotton should be made at 4 to 5 day intervals until control is obtained. DO NOT APPLY WITHIN 7 DAYS OF HARVEST OR OF HAND-PICKING COTTON.

**VEGETABLES**

**CABBAGE AND COLE CROPS** (Broccoli, Brussels Sprouts, Cauliflower, Kohlrabi) - For control of aphids, and vegetable weevils, use 1/4 to 1/2 pint per acre. For imported cabbageworms, cabbage loopers, armyworms up to third instar, and flea beetles, use 1/2 to 1 pint per acre. DO NOT APPLY WITHIN 21 DAYS OF HARVEST.

**COLLARDS, KALE, MUSTARD GREENS AND SPINACH** - For control of aphids, imported cabbageworms, leaf miners, vegetable weevils, and seed corn maggots in crown, use 1/2 pint per acre. For cabbage loopers, leafhoppers and crown mites, use 1/2 pint per acre. DO NOT APPLY WITHIN 21 DAYS OF HARVEST.

**LETTUCE** (Leaf, Bibb, Head) - For control of aphids, armyworms up to third instar, cabbage loopers and imported cabbageworms, use 1/2 to 1 pint per acre. DO NOT APPLY WITHIN 21 DAYS OF HARVEST.

**PEPPERS** - For control of aphids and leaf miners, use 1/2 pint per acre. For flea beetles, use 1/4 to 1/2 pint per acre. DO NOT APPLY WITHIN 15 DAYS OF HARVEST.

**POTATOES** - For control of aphids, blister beetles, leafhoppers, leaf miners, plant bugs, potato psyllids, thrips, and vegetable weevils, use 1/2 to 1 1/2 pints per acre. DO NOT APPLY WITHIN 5 DAYS OF HARVEST.

**TOMATOES** - For control of aphids, armyworms up to third instar, grasshoppers, leaf miners, spider mites, tomato russet mites, whiteflies, and psyllids, use 1/2 pint per acre. For cabbage loopers and plant bugs, use 1/2 pint per acre. DO NOT APPLY WITHIN 15 DAYS OF HARVEST.

**TURMPS** - For control of aphids, web-worms and vegetable weevils, use 1/2 to 1/2 pint per acre. For cabbage loopers, use 1/2 pint per acre. DO NOT APPLY CLOSER THAN 15 DAYS BEFORE HARVEST. If tops are to be used for food or feed, do not apply within 21 days of harvest.

**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 rinsate 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.

**CONDITIONS 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 not in strict accordance with the directions given on the label.



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Label No. 8007-147