

DANGER-POISON-PRECAUTIONS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS



DO NOT SWALLOW
POISONOUS IF SWALLOWED
 This product can kill you if swallowed even in small amounts. Spray mist or dust may be fatal.



DO NOT TOUCH
POISONOUS BY SKIN CONTACT
 Poisonous if touched by hands or spilled or splashed on skin, in eyes or on clothing (iquid goes through clothes).



DO NOT BREATHE
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 methyl 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 suitable 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 II. (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)

Methyl Parathion is 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.

NOTE TO PHYSICIAN

Antidote - administer atropine sulfate in large doses. TWO to FOUR mg. intravenously or intramuscularly as soon as symptoms are 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 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.

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.

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 runoff is likely to occur. Do not apply when 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, feed or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Pesticide, spray mixture, or residue 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 spraying instructions.

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.

Net Contents Gal.



METHYL PARATHION 4-

Methyl Parathion (O,O-Dimethyl O-P-Nitrophenyl Phosphorothioate)

Xylene Range Aromatic Petroleum Derivative Solvents

INERT INGREDIENTS:

EPA Est. No. 07487-TX-01

Total

EPA Reg. No. 07487-98

CONTAINS FOUR POUNDS METHYL PARATHION PER GALLON

FIRST AID TREATMENT

ATROPINE IS AN ANTIDOTE-CONSULT PHYSICIAN FOR EMERGENCY SUPPLY. CALL A PHYSICIAN AT ONCE IN ALL CASES OF SUSPECTED METHYL PARATHION POISONING. Call a doctor (physician), clinic or hospital-immediately explain that the victim has been exposed to methyl parathion and describe his condition. Move patient immediately from the area where methyl 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 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 victim lie on his side and 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.

ACCEPTED

APR 24 1981

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 7467-59

KEEP OUT OF THE REACH OF CHILDREN

Danger-POISON

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

Manufactured by VALCO CHEMICALS DIVISION Marlingen, Texas VALLEY CO. OIL MILL

RESTRICTED USE PESTICIDE

Use only by Certified Applicators, or persons under their direct supervision, and only where the Certified Applicator's certification is required.

VALCO
CHEMICALS

METHYL PARATHION 4-EC

	By Wt.
Methyl Parathion (O,O-Dimethyl O-P-Nitrophenyl Phosphorothioate)	45.30%
Aromatic Petroleum Derivative Solvents	47.72%
Other Ingredients	6.98%
Total	100.00%

07467-TX-01
07467-80

CONTAINS FOUR POUNDS METHYL PARATHION PER GALLON

FIRST AID TREATMENT 

OPINE IS AN ANTIDOTE-CONSULT PHYSICIAN FOR EMERGENCY SUPPLY
PHYSICIAN AT ONCE IN ALL CASES OF SUSPECTED METHYL PARATHION POISONING.
(Physician), clinic or hospital-immediately explain that the victim has been exposed to
and describe his condition.

Immediately from the area where methyl parathion is present.
If breathing has stopped, start artificial respiration immediately and maintain until doctor
swallowed and victim is awake (conscious), make him vomit quickly. Have victim
drinks of water and induce vomiting by touching back of throat with finger.
Do not vomit or give anything by mouth to an unconscious person. Have victim lie down
and get medical attention.

In case of contact immediately flush eyes or skin with plenty of water for at least 15
minutes. Remove contaminated clothing and shoes. See doctor immediately.

ACCEPTED
24 1981
Federal Insecticide,
Rodenticide Act,
for the pesticide
7467-59

KEEP OUT OF THE REACH OF CHILDREN

DANGER-POISON 

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

VALCO CHEMICALS DIVISION Harlingen, Texas 78550
VALLEY CO-OP OIL MILL

DIRECTIONS FOR USE

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

TO PREVENT PERSONAL INJURY AND POSSIBLE FATALITIES
Workers entering treated fields within 48 hours must wear protective clothing.
Vented areas should not be re-entered until drifting insecticide and volatile residues have dissipated.
To avoid excessive residues of methyl parathion on food or forage crops, always observe the statements found limiting the time before harvest methyl 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 that will permit drift of the spray onto areas not intended to be sprayed.
Do not apply with hand equipment.

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: For control of thrips, use 1/4 to 1/2 pint per acre. For cotton leafworms, use 1/4 to 1/2 pint per acre. For grasshoppers and fall armyworms, use 1/2 pint per acre. For spider mites (does not control all species), use 1/2 to 3/4 pint per acre. For control of fleahoppers, Lygus and other mirids, use 1/4 pint to 1 quart per acre. For boll weevils, aphids and garden webworms, use 1/2 to 1 pint per acre. For false chinch bugs, use 1 pint per acre. For cutworms, use 1 to 2 pints per acre. For beetworms, salt-marsh caterpillars, armyworms, cotton leaf perforators and stink bugs, use 1 quart per acre. Applications should be made at 4 to 5 day intervals until control is obtained. At above dosages, application may be made up to the day before harvest, if harvest will be with mechanical pickers. **DO NOT APPLY WITHIN 5 DAYS OF HANDPICKING COTTON.**

TANK MIXTURE RATES FOR COTTON POUNDS ACTIVE INGREDIENT/ACRE

Methyl parathion	EPN	Toxaphene	Chlor-dimethorm	Fenothrin
1/2-3/4	1/2-3/4	-	1/8	-
1/2-1	-	1-2	-	-
1	-	2	1/8	-
1/2-1	-	-	1/8	-
1/2-1	-	-	-	0.05-0.1

BEANS (DRY AND GREEN) - For control of aphids, armyworms, flea beetles, leafhoppers, Lygus bugs and mites, use 1 to 3 pints per acre. For cowpea curculio, surface feeding and climbing cutworms and stink bugs, use 2 to 3 pints per acre. **DO NOT APPLY WITHIN 21 DAYS OF HARVEST.**

BEETS (RED) - For control of aphids, armyworms, flea beetles, leafhoppers, Lygus bugs, mites and stink bugs, use 1 quart per acre. **DO NOT APPLY WITHIN 15 DAYS OF HARVEST.** If tops are to be used for food or feed, **DO NOT APPLY WITHIN 21 DAYS OF HARVEST.**

CABBAGE, COLE CROPS (Brussels, Brussel Sprouts, Cauliflower, Kohlrabi, Retsabeggs), COLLARDS, KALE, AND MUSTARD GREENS - For control of aphids, armyworms, flea beetles, leafhoppers, and mites, use 1 to 3 pints per acre. For stink bugs, use 2 to 3 pints per acre. **DO NOT APPLY WITHIN 21 DAYS OF HARVEST.**

CARROTS - For control of aphids, armyworms, surface-feeding and climbing cutworms, flea beetles, leafhoppers and mites, use 1 quart per acre. **DO NOT APPLY WITHIN 15 DAYS OF HARVEST.** Do not feed tops.

CELERY - For control of aphids, armyworms, flea beetles, leafhoppers, Lygus bugs, mites, and stink bugs, use 1 quart per acre. **DO NOT APPLY WITHIN 15 DAYS OF HARVEST.**

CUCUMBERS - For control of aphids and two-spotted mites, use 1/2 pint per acre. Do not apply before vining. **DO NOT APPLY WITHIN 15 DAYS OF HARVEST.**

CORN - For control of armyworms, climbing cutworms, corn leaf aphids, corn rootworm adults, fall armyworms and stink bugs, use 1/2 pint per acre. For grasshoppers, use 1 pint per acre. **DO NOT APPLY WITHIN 12 DAYS OF HARVEST.**

LETTUCE - For control of aphids, armyworms, flea beetles, leafhoppers, and mites, use 1 quart per acre. **DO NOT USE WITHIN 21 DAYS OF HARVEST.**

ONIONS - For control of thrips, use 1/2 pint per acre. **DO NOT APPLY WITHIN 15 DAYS OF HARVEST.**

PEPPERS - For control of aphids, armyworms, surface-feeding and climbing cutworms, flea beetles, leafhoppers and mites, use 1 quart per acre. **DO NOT APPLY WITHIN 15 DAYS OF HARVEST.**

POTATOES - For control of aphids, armyworms, false chinch bugs, flea beetles, leafhoppers, mite and shield bugs, use 1 1/2 quarts per acre. **DO NOT APPLY WITHIN 5 DAYS OF HARVEST.**

SPINACH - For control of aphids, armyworms, flea beetles, leafhoppers, mites, seed corn maggots in crown and crown mites, use 1 to 2 pints per acre. **DO NOT APPLY WITHIN 21 DAYS OF HARVEST.**

SWEET POTATOES - For control of aphids, armyworms, surface-feeding and climbing cutworms, flea beetle, leafhoppers and mites, use 1/4 quart per acre. **DO NOT APPLY WITHIN 5 DAYS OF HARVEST.**

TOMATOES - For control of aphids, armyworms, flea beetles, leafhoppers, mites, psyllids, use 1 to 3 pints per acre. **DO NOT APPLY WITHIN 15 DAYS OF HARVEST.**

TURNIPS - For control of aphids, armyworms, flea beetles, leafhoppers, leaf miners, and mites, use 1 to 1 1/2 pints per acre. **DO NOT APPLY WITHIN 15 DAYS OF HARVEST.** If tops are to be used for food or feed, **DO NOT APPLY CLOSER THAN 21 DAYS OF HARVEST.**

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. **Label No. 9008-154**