



DANGER—POISON PRECAUTIONS

CAN KILL YOU IF SWALLOWED

This product can kill you if swallowed even in small amounts; spray mist 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, or spray mist are breathed.

POISONOUS TO FISH AND WILDLIFE

This product is toxic to fish, birds, and other wildlife. Birds feeding on treated areas may be killed. Keep out of any body of water. 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. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. Apply this product only as specified on this label.

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE EQUIPMENT AND CLOTHING

1. Wear water proof pants, coat, hat, rubber boots or rubber overboots.
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.

EPA REG. NO. 5481-152-AA
EPA EST. 5481-CA-1

0374

AMVAC CHEMICAL CORP.
LOS ANGELES, CALIFORNIA 90023

NET CONTENTS:

PARATHION-METHYL PARATHION 6-3

Organophosphorus Insecticide Emulsifiable Liquid

ACTIVE INGREDIENTS

Parathion (0,0-diethyl 0-p-nitrophenyl phosphorothioate)	57.2%
0,0-dimethyl 0-p-nitrophenyl phosphorothioate	28.8%
Xylene range Aromatic Solvent	7.0%

INERT INGREDIENTS

(Methyl Parathion)	7.0%
TOTAL	100.0%

Content: 16 ounces Per Gallon (6.3 lbs. parathion, 3 lbs. methyl parathion)

POISON

STOP! READ THE LABEL



CAN KILL YOU

DANGER

**Keep Out of Reach of Children
NOT FOR HOME USE**

See antidote statement and other precautions on side and back panels.

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 the victim to a 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)

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: 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 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 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.

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 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 Experiment Station regarding posting treated areas.

RECOMMENDATIONS

See back panel for use directions and recommendations.

USE PRECAUTIONS

Do not apply to ornamentals, plants, shrubs, lawns, or lawns. Do not apply to lawns or drift to areas occupied by uninfested burrows or beneficial animals. Treated areas should not be reentered until drifting insecticide and volatile residues have dissipated. Keep away from heat and open flame.

CONTAINER DISPOSAL: Do not reuse empty containers. Do not burn, cut, or crush. Do not discard in a safe place away from water supplies.

Do not pile, pour, spill, or store near heat or open flame.

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. Maintain agitation during filling and spraying operations. Use a screen not finer than 50 mesh in entire system. Do not combine with emulsifiable liquids or wettable powders unless previous experience has proven physically compatible and safe to plants. Always thoroughly mix emulsifiable concentrates or wettable powders with at least half of total water before adding this product.

Rinse spray equipment and containers. Discharge liquid waste in pit or manure pits, located away from water supplies.

Application should be made by experienced personnel and approved safety equipment by aircraft or ground equipment.

Aircraft and ground equipment operators are cautioned to work so that the spray or dust is carried downward away from the amount of foliage.

Persons who use parathion must be provided medical supervision and advised of the regulations of the State Department of Inland Fisheries.

Labels of parathion are required to observe regulations of the Department of Agriculture relative to application methods.

Parathion may not be used in accordance with the label directions if the label directions are not followed.

For complete information on the use of parathion, consult the label and the Agricultural Extension Service.

Do not use in areas where drift may damage ornamentals, shrubs, lawns, or lawns.

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TERMINAL USE DATES: This product is registered for use on certain crops and in certain areas. For complete information on terminal use dates, consult the label and the Agricultural Extension Service.

VEGETABLES: Do not use on vegetables unless specifically labeled for use on these crops. For complete information on vegetable use, consult the label and the Agricultural Extension Service.

ALFALFA, CLOVER, GRASS, VETCH: Do not use on alfalfa, clover, grass, or vetch unless specifically labeled for use on these crops. For complete information on alfalfa, clover, grass, or vetch use, consult the label and the Agricultural Extension Service.

CARROTS: Do not use on carrots unless specifically labeled for use on these crops. For complete information on carrot use, consult the label and the Agricultural Extension Service.

GALLERY: Do not use on gallery unless specifically labeled for use on these crops. For complete information on gallery use, consult the label and the Agricultural Extension Service.

NET CONTENTS: See back panel for use directions and recommendations.

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COLE CROPS (Broccoli, Cauliflower, etc.)

COLLARDS, KALE, etc.

CORN (Field): Aphids, etc.

CORN (Sweet): Armyworm, etc.

COTTON: Boll weevil, etc.

DRY BEANS: Aphids, etc.

GARDEN PEAS, etc.

GREEN BEANS: Aphids, etc.

LETTUCE (Leaf, Bibb, etc.)

PEPPERS: Aphids, etc.

POTATOES: Aphids, etc.

RED BEETS: Aphids, etc.

RUTABAGAS: Aphids, etc.

SMALL BEANS (Bar, etc.)

SORGHUM: Aphids, etc.

SUGAR BEETS: Aphids, etc.

TOMATOES: Aphids, etc.

TURNIPS: Aphids, etc.

NOTICE: No warranty, warranties or for any part material, except Amvac's label.

DIMETHYL METHYL METHYL PARATHION 6-3

Phosphorus Insecticide Emulsifiable Liquid

dimethyl methyl phosphorothioate)	57.2%
dimethyl phosphorothioate	28.8%
phenyl	7.0%
phenyl	7.0%
TOTAL	100.0%

dimethyl parathion dimethyl methyl parathion

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: 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 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 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.

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 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 Experiment Station regarding posting treated areas.

RECOMMENDATIONS

See back panel for use directions and recommendations.

USE PRECAUTIONS

Do not eat, drink, and other pollutants, use in early morning or late evening. Do not apply or allow to drift to areas occupied by unprotected humans or beneficial animals. Vacated areas should not be reentered until drifting insecticide and volatile residues have dissipated. Keep away from heat and open flame.

CONTAINER DISPOSAL Do not reuse empty container. Destroy it by incineration or crushing. Burn or discard in a safe place away from water supplies.

Do not use near spill, or store near heat or open flame.

DIRECTIONS FOR USE

Application can be made by aircraft or ground power equipment by trained personnel only using approved protective equipment. Do not spray with hand equipment. Pour specified amount of this product into nearly filled spray tank. Maintain agitation during filling and spraying operations. Use a screen not finer than 50 mesh in entire system. Do not combine with emulsifiable liquids or wettable powders unless previous experience has proven physically compatible and safe to plants. Always thoroughly mix emulsifiable concentrates or wettable powders with at least half of total water before adding this product.

Rinse spray equipment and containers. Discharge liquid waste in pit in non-crop lands located away from water supplies.

Application should be made by experienced personnel using approved safety equipment by aircraft or ground equipment.

Aircraft and ground equipment operators are cautioned to work so that the spray or dust is carried downwind away from the aircraft operator.

Personnel who use parathion must be provided medical supervision in accordance with the regulations of the State Department of Industrial Relations.

Users of parathion are required to observe regulations of the Department of Agriculture relating to poisonous materials.

Parathion may not be used as an aerosol or fumigant or for treatment of humans or animals.

This product is not to be used on crops exposed to direct treatment or contact with spray. For more information may be obtained from your State or Federal Agricultural Extension Service.

Do not spray on plants which show damage whenever spraying over areas containing them or nearby.

Persons who enter treated areas should wear protective clothing.

TERMINAL USE DATES: Unless otherwise specified, numbers of weeks after application and date number of days after application. Weather conditions affect application and harvest operations.

VEGETABLE and FIELD CROPS: Rates are given in terms of pounds of active ingredient per acre through machine or 1/2 to 1 qt. per acre by aircraft, 50-100 gals. water by ground equipment.

ALFALFA, CLOVER, GRASS, VETCH: Aphids, green bugs, alfalfa weevil, alfalfa caterpillars, armyworms, cutworms, grasshoppers — 2-3-1-1-1-1 pt. per acre, first 1/2 acre, leafhopper, cicada, spotted alfalfa aphid, alfalfa weevil larvae — 1-1-1-1-1-1 pt. per acre, first 1/2 acre. **Note:** Do not spray before or during bloom to avoid injury to bees, birds, and other wildlife in treated areas. Make 2-3-1-1-1-1 pt. per acre. Do not apply more than 1-3 pt. per acre. Do not apply in same area more than once per year. Within 15 days of application.

CARROTS: Aphids, vegetable weevils — 1-1-1-1-1-1 pt. per acre. Do not use treated carrot tops for food.

CELERY: Aphids, celery leaf hoppers, celery worm, spider mites — 1-1-1-1-1-1 pt. per acre.

COLE CROPS (Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Kohlrabi): Aphids, Vegetable weevils — 1-1-1-1-1-1 pt. Cabbage looper — 2-3 pt. (21).

COLLARDS, KALE, MUSTARD GREENS, SPINACH: Aphids, leafminers, Vegetable weevils — 1-1-1-1-1-1 pt. Cabbage looper, cutworms — 2-3 pt. (21).

CORN (Field): Aphids, budworm, European corn borer, make 2 or more applications with 7-10 day intervals depending on the extent of infestation and degree of control desired. Consult your State Agricultural Experiment Station for proper timing of treatments; spider mites — 1-1-1-1-1-1 pt. Armyworms, Fall armyworms, root worm adults — 1-1-1-1-1-1 pt. Do not apply within 12 days of harvest or cutting for forage.

CORN (Sweet): Armyworms, Fall armyworms, spider mites — 2-3 pt. Do not apply within 12 days of harvest.

COTTON: Boll weevil, Overwintered boll weevil, Salt marsh caterpillar — 2-3-1-1-1-1-1-1 pt. Aphids, armyworms up to 3rd instar, Cabbage looper, stink bug — 1 pt. Brown cotton leafworm, cotton leafworm, fleahopper, garden webworm, leafhoppers, leaf rollers, Lygus, red spider mites, serpentine leaf miner, thrips — 1-1-1-1-1-1 pt. Bollworm — 1-1-1-1-1-1-1-1-1-1 pt. Workers entering field within 48 hours of application should wear protective clothing 7 days.

DRY BEANS: Aphids, armyworms, leafhoppers, leafminers, leafrollers, Mexican bean beetles, red spider mites — 1-1-1-1-1-1 pt. (15 days).

GARDEN PEAS, BLACK EYED PEAS: Aphids, pea weevils — 1-1-1-1-1-1 pt. (15 days).

GREEN BEANS: Aphids, armyworms, leafhoppers, leafminers, leafrollers, Mexican bean beetles, red spider mites — 1-1-1-1-1-1 pt. (21 days).

LETTUCE (Leaf, Bibb, and Head): Aphids, cabbage looper — 1-1-1-1-1-1 pt. per acre. (21).

PEPPERS: Aphids, leafminers — 1-1-1-1-1-1 pt. (15 days).

POTATOES: Aphids, blister beetles, leafhoppers, leafminers, plant bugs, potato psyllids, thrips, vegetable weevils — 2-3 pt. (15 days).

RED BEETS: Aphids, blister beetles, webworms — 1-1-1-1-1-1 pt. (15 days). If tops are to be used as food.

RUABAGAS: Aphids, cabbage looper — 2-3 pt. (21 days).

SMALL GRAINS (Barley, Oats, Wheat): Fall armyworms, winter wheat mites — 1-1-1-1-1-1 pt. Aphids, green bug, armyworm, cutworm, grasshopper, black grass bug, broad leaved beetles, corn webworm, cutworm, butterfly, grasshoppers, leaf hoppers, stink bugs — 1-1-1-1-1-1 pt. (15 days). Do not apply after heads begin to form.

SORGHUM: Corn earworms, corn leaf aphid, fall armyworm, sugarcane borer, sorghum webworm — 1-1-1-1-1-1 pt. (15 days). May cause injury to some varieties of sorghum.

SUGAR BEETS: Aphids, armyworms, beet beetles, cutworms, fall armyworm, flea beetle, green hopper, leafhoppers, leafminers, mites — 1-1-1-1-1-1 pt. (15 days). Do not apply more than 1-3 pt. per acre. Do not apply after heads begin to form.

TOMATOES: Aphids, armyworms, vine borers, cutworms, European corn borer, flea beetle, stink bugs, whitefly, cutworms, potato beetle, tomato pinworm — 1-1-1-1-1-1 pt.

TURNIPS: Aphids, vegetable weevils — 1-1-1-1-1-1 pt. (15 days). Do not apply more than 1-3 pt. per acre.

NOTICE: Amvac Chemical Corporation makes no warranty, express or implied, including the warranties of merchantability and/or fitness for any particular purpose, concerning this material, except those which are contained on Amvac's label.