

PM 12 19713-218
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RESTRICTED USE PESTICIDE
Due To Very High Acute Toxicity To Humans And Birds

For retail sale to and use only by certified applicator or persons under their direct supervision, and only for those uses covered by the certified applicator's certification. Direct supervision for this product is defined as the certified applicator being physically present during application, mixing, loading, repair and cleaning of application equipment. Commercial certified applicators must also ensure that all persons involved in these activities are informed of the precautionary statements.



ACCEPTED
DEC 15 1989
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 19713-218

PARATHION 4
EMULSIFIABLE CONCENTRATE

ACTIVE INGREDIENTS:

Parathion (O,O-diethyl O-p-Nitrophenyl phosphorothioate)	45.3%
INERT INGREDIENTS:	54.7%
TOTAL	100.0%

Contains 4 pounds Parathion per gallon.

KEEP OUT OF REACH OF CHILDREN

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DANGER
Peligro



POISON

CAN CAUSE DEATH

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

STATEMENT OF PRACTICAL TREATMENT

- IF SWALLOWED:** Call a physician or Poison Control Center. 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.
- IF ON SKIN:** Immediately wash with plenty of soap and water. See doctor immediately.
- IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. get medical attention immediately.
- IF IN EYES:** Flush with plenty of water. Call a physician.

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MANUFACTURED BY:
DREXEL CHEMICAL COMPANY
P.O. BOX 9306 - MEMPHIS, TN 38109

POISON SIGNS (SYMPTOMS)

Parathion is a very dangerous poison. It rapidly enters the body on contact with the 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 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.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

Fatal if swallowed, inhaled or absorbed through the skin. Do not breathe vapor or spray mist. Do not get in eyes, on skin, or on clothing. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

THIS PRODUCT MAY BE FATAL IF SWALLOWED, INHALED, OR IF ALLOWED TO CONTACT SKIN. FAILURE TO PROPERLY FOLLOW ALL INSTRUCTIONS FOR PROTECTIVE CLOTHING AND EQUIPMENT WILL INCREASE YOUR RISK.

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT DURING MIXING/LOADING, APPLICATION, REPAIR AND CLEANING OF APPLICATION EQUIPMENT, DISPOSAL OF PESTICIDE AND EARLY REENTRY INTO TREATED FIELDS:

Waterproof pants and coat; heavy-duty chemical-resistant gloves; rubber boots or rubber overshoes; hood or wide-brimmed hat; safety goggles or face shield; NIOSH approved respirator. In addition, mixer/loaders must wear a chemical resistant apron when using the concentrated product. During aerial application in nonenclosed cockpits, a helmet with a visor may be substituted for the hood or wide-brimmed hat and safety goggles or face shield requirements.

IF MIXING/LOADING IS PERFORMED USING A CLOSED SYSTEM, THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT MAY BE WORN AS AN ALTERNATIVE:

Heavy-duty chemical resistant gloves; chemical resistant apron, long-sleeved shirt (or gauntlets and short sleeve shirt) and long-legged pants; shoes and socks.

Safety goggles or a faceshield must be worn when the system is under pressure. All other protective clothing and equipment required for use with open systems must be available nearby.

IF APPLICATION IS PERFORMED USING AN ENCLOSED CAB OR COCKPIT, THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT MAY BE WORN AS AN ALTERNATIVE:

Clean long-sleeved shirt and long-legged pants. All other protective clothing and equipment required for use during application must be available in the cab and must be worn when exiting the cab into treated areas. If used for this purpose, contaminated clothing may not be brought back into the cab unless in an enclosure such as a plastic bag.

REMEMBER - THIS CLOTHING IS NOT INTENDED TO PROTECT YOU DURING REPAIR AND CLEANING OF APPLICATION EQUIPMENT OR DURING EARLY REENTRY! REFER TO INSTRUCTIONS ABOVE.

HUMAN FLAGGERS ARE STRICTLY PROHIBITED DURING AERIAL APPLICATION.

IMPORTANT! If pesticide comes in contact with skin, wash off with soap and water, and contact a physician immediately. Always wash hands, face and arms with soap and water before smoking, eating, drinking or (ilating.

AFTER WORK: Wash gloves with soap and water before removing. Take off all work clothes and shoes. Store protective clothing separately from personal clothing. Launder protective clothing after each use. Shower using soap and water. Wear only clean clothes when leaving job. Do not wear contaminated clothing. Personal clothing worn during mixing/loading, application, repair and cleaning of application equipment, disposal of pesticide and early reentry into treated fields must be stored and laundered separately from household articles. Clothing and equipment heavily contaminated or drenched with parathion must be destroyed according to state and local regulations.

HEAVILY CONTAMINATED OR DRENCHED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED.

(spirators should be cleaned and cartridges replaced according to instructions included with respirators. Replace gloves frequently.

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to fish and wildlife. Birds in treated areas may be killed. Do not apply directly to water or wetlands (swamps, marshes, bogs and potholes).

Runoff and drift from target areas may be hazardous to aquatic organisms in adjacent aquatic sites. Do not contaminate water by cleaning of equipment or disposal of wastes.

This product is extremely toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow to drift to blooming crops or weeds if bees are visiting the treatment area.



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PHYSICAL OR CHEMICAL HAZARDS

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

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product through any type of irrigation system.

REENTRY STATEMENT

Reentry into treated fields before expiration of the reentry interval specified on this label is prohibited, unless the protective clothing and equipment specified on this label are used.

FARMWORKER SAFETY STATEMENT

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. (Indicate specific oral warnings which inform workers of areas or fields at may not be entered without specific protective clothing, period of time must be vacated and appropriate actions to take in case of accidental exposure). When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: DANGER. Area treated with Parathion on (date of application). Do not enter without appropriate protective clothing and equipment for (expiration of reentry interval). In case of accidental exposure, see Statement of Practical Treatment on front panel of this label.

Parathion 4 Emulsifiable Concentrate mixes readily with water for use as a spray to control certain insects infesting vegetable and field crops. This material is hazardous and must be used in accordance with warning information on the label, it is intended to be applied only by trained operators of aircraft or power driven ground equipment.

Apply as a thorough spray. With ground sprayers, use stated amount in 100 gallons of water per acre; with aircraft, use directed amount per acre in 3 to 5 gallons of water required for uniform distribution, except as otherwise specified.

APPLES AND PEARS - Aphids, Codling Moth, Leafhoppers, Leaf Rollers, European Red Mite, Two-Spotted Mite, Curculio, Forbes Scale, San Jose Scale and Red Bug. Ground equipment 1/2 to 3/4 pint. Aircraft 2 pints. Apply in prepink or pink stage, at petal fall, and in subsequent cover sprays according to local schedules. DO NOT USE ON MCINTOSH OR RELATED VARIETIES OF APPLES. DO NOT APPLY WITHIN 14 DAYS OF HARVEST. Reentry interval - 6 days.

STRAWBERRIES - Aphids, Lygus Bugs, Strawberry Leafrollers, Whiteflies, Red Spider Mite. Ground equipment 1/2 to 2/3 pints. Aircraft 3/4 pint. Apply when insects first appear and repeat at 7 to 10 day intervals. DO NOT APPLY WITHIN 14 DAYS OF HARVEST. Reentry interval - 3 days.



TOMATOES - Aphids, Thrips, Leafhoppers, Spider Mites. Ground equipment 1/2 to 3/4 pints. Apply when insects first appear and repeat at 7 to 10 day intervals as needed. DO NOT APPLY TO BROCCOLI CABBAGE AND CAULIFLOWER WITHIN 21 DAYS OF HARVEST. DO NOT APPLY TO BEANS AND CELERY WITHIN 21 DAYS OF HARVEST. DO NOT APPLY TO CUCUMBERS BEFORE VINING OR WITHIN 15 DAYS OF HARVEST. DO NOT APPLY TO PEAS AND TOMATOES WITHIN 10 DAYS OF HARVEST. DO NOT APPLY TO MELONS WITHIN 7 DAYS OF HARVEST. DO NOT APPLY TO POTATOES WITHIN 5 DAYS OF HARVEST. Reentry interval - 3 days.

ORNAMENTALS (OUTDOORS ONLY) - Aphids, Whiteflies, Red Spider Mites, Leafhoppers. Ground equipment 1/2 pint. Repeat at 7 to 10 day intervals as necessary. Mealybugs, Scale Insects and Leaf Tiers. Ground equipment 2/3 pint at young or crawler stages. Repeat in 3 weeks if necessary. TO BE USED BY COMMERCIAL NURSERIES, NOT RESIDENTIAL PLANTINGS. Reentry interval - 3 days.

COTTON - To control cotton aphid, some species of spider mites and cotton leafworm, use 1/2 to 1 pint in the amount of water required for uniformity thorough spraying of 1 acre (0.25 to 0.5 Parathion). Apply at the lower rate during the early season and at the higher rate during and after blooming period. For cotton aphids, apply when aphids are present in buds and on leaves of seedling cotton, or when honeydew develops on older cotton; repeat as needed. For some species of spider mites, apply when the insects are found or damage appears. For cotton leafworm, apply when worms appear, usually during the maturing period and repeat as needed. DO NOT APPLY TO COTTON WITHIN 5 DAYS OF HAND PICKING. DO NOT GRAZE DAIRY ANIMALS OR ANIMALS BEING FINISHED FOR SLAUGHTER ON TREATED COTTON PLANTS OR TRASH WITHIN 15 DAYS OF LAST APPLICATION. Reentry interval - 3 days.

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STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

STORAGE INSTRUCTIONS

Storage should be under lock and key and secure from access by unauthorized persons and children. Storage should be in a cool dry area away from any heat or ignition source. Do not stack over 4 pallets high. Move containers by handles. Do not move containers from one area to another unless they are securely sealed. Keep containers tightly sealed when not in use. Keep away from any puncture source. Avoid storage near water supplies, food, feed and fertilizer to avoid contamination. Store in original containers only. If the contents are leaking or material is spilled, follow these steps while wearing protective equipment:

1. Rope off contaminated area and notify consignor.
2. Keep people up wind as far as possible to prevent vapor inhalation.
3. Contain spill, absorb with a material such as saw dust, clay granules and soda ash.
4. Collect and place in suitable containers for disposal.
5. Wash area with caustic or soda ash slurry until yellow stains cease.
6. Wood and other absorbent surfaces must be replaced.
7. Do not allow run off to enter sewer or contaminate water supply.
8. Dispose of waste as indicated below:

PESTICIDE DISPOSAL

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

WARRANTY - CONDITION OF SALE

OUR RECOMMENDATION FOR USE of this product are based upon test believed reliable. 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 and handling of this material not in strict accordance with directions given herewith.

In no case shall Drexel or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product, when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by Drexel Chemical Company and is accepted as such by the Buyer.