

PM 12 19713-100

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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.



**PARATHION 10X G**

Granular insecticide for controlling certain insects on the listed field, forage, fruit and vegetable crops. NOT FOR HOME USE. Complete Directions for Use.

**ACTIVE INGREDIENTS:**

O,O-diethyl O-p-nitrophenyl phosphorothioate . . . . . 10%

**INERT INGREDIENTS:** . . . . . 90%

**TOTAL.** . . . . . 100%

**ACCEPTED**  
 SEP 13 1992  
 Under Federal Insecticide, Fungicide, and Rodenticide Act, registered for the pesticide use and under EPA Reg. No. 19713-100

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**  
**Peligro**



**CAN CAUSE DEATH**

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**POISON**

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

**SEE ADDITIONAL PRECAUTIONARY STATEMENTS**

**STATEMENT OF PRACTICAL TREATMENT**

Call a doctor (physician), clinic or hospital immediately. Explain that 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 doctor sees victim.

IF SWALLOWED and victim is awake (conscious) make him vomit quickly. Have victim drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit is clear. Do not induce vomiting or give anything by mouth to an unconscious person. Have victim lie down and keep quiet. Get medical attention.

IF SPLASHED IN EYES, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention.

IF SPILLED ON SKIN, immediately remove contaminated clothing, INCLUDING SHOES, and wash skin with soap and plenty of water. See doctor immediately.

**EPA REG. NO. 19713-100**  
**EPA EST. NO. 19713-MS-1**  
**NET CONTENTS:**

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

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**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 attention 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, frothing of mouth and nose, spasms and coma.

**POISON**

ATROPINE IS AN ANTIDOTE. CONSULT PHYSICIAN FOR EMERGENCY SUPPLY. CALL A PHYSICIAN AT ONCE IN ALL CASES OF SUSPECTED METHYL 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 or FOUR mg. intravenously or intramuscularly as soon as cyanosis is overcome. Repeat at 5 to 10 minute intervals until signs of atropinization appears. 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 (AMINOPHYLLIN) 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.

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**PRECAUTIONARY STATEMENTS  
Hazards to Humans and Domestic Animals  
DANGER**

Fatal if swallowed, inhaled, or absorbed through skin. Do not breathe dust, vapors or spray mist. Do not get in eyes, on skin, or on clothing.

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 non-enclosed cockpits, a helmet with a visor may be substituted for the hood or widebrimmed 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 system 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 toileting.

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.

Respirators 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. Drift and runoff from target areas may be hazardous to aquatic organisms in adjacent aquatic sites. Cover or incorporate granules which are spilled. Do not contaminate water by cleaning of equipment or disposal of wastes.

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**PHYSICAL OR CHEMICAL HAZARDS**

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

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**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 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.

**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 that may not be entered without specific protective clothing, period of time field 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.

**BEANS:** Apply 50 lbs. of 10% Granular Parathion per acre broadcast before planting. To control Root Aphid and Mealybugs, incorporate material into top 6 inches of soil. To control Cutworms and Whitegrubs, incorporate into soil immediately after application. To control Symphylans (including garden symphylans), preplant broadcast or apply at time of planting. Incorporate into top 6 to 9 inches of soil. To control Wireworms, apply 30 to 40 lbs. per broadcast before planting. Incorporate immediately into the top 4 to 9 inches of soil. Apply at least one to two weeks before planting. Use lower dosage for mineral soils and higher dosage for organic soils. Reentry interval - 3 days.

**BLACK-EYED PEAS:** To control Wireworms, apply 30 to 40 lbs. per acre broadcast before planting. Incorporate into top 4 to 7 inches of soil. Reentry interval - 3 days.

**CANTALOUPE, WATERMELONS:** To control Wireworms, apply 30 to 40 lbs. per acre broadcast before planting. Incorporate into top 4 to 7 inches of soil immediately after application. Reentry interval - 3 days.

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**CORN:** To control Southern Corn Rootworm, apply 10 to 15 lbs. per acre. Apply evenly in furrow 1/2 inch below soil surface at time of planting, or apply in a 5 to 7 inch band over row at time of planting or cultivation. To control Cutworms, apply 30 to 40 lbs. per acre at time of planting. Incorporate into top 1 to 3 inches of soil immediately after application. To control Symphylans, apply 50 lbs. broadcast per acre prior to planting or at time of planting. Incorporate into top 6 to 9 inches of soil. To control Whitegrubs, apply 30 to 40 lbs. per acre broadcast before planting. Incorporate into top 4 to 6 inches of soil immediately after application. To control Wireworms, apply 30 to 40 lbs. per acre broadcast before planting. Apply at least 1 to 2 weeks before planting. Incorporate into the top 4 to 6 inches of soil immediately after application. Reentry interval - 6 days.

**ONION:** To control Onion Maggot larvae, apply 20 lbs. per acre in the furrow at the time of seeding. To control Wireworm, apply 30 to 40 lbs. per acre broadcast before planting. Incorporate into the top 4 to 9 inches of soil. Reentry interval - 3 days.

**PEANUTS:** To control Corn Rootworm larvae (including southern corn rootworm), apply 20 to 25 lbs. per acre as a row soil treatment at planting or pegging. Incorporate lightly into soil. For Southern Corn Rootworm, apply as a preplant broadcast soil treatment and incorporate into top 4 to 6 inches of soil, or apply as a band treatment over the fruiting zone prior to pegging. To control Lesser Cornstalk Borer, apply 20 to 25 lbs. per acre in a 12 to 14 inch band over row just prior to or after pegging, apply before irrigation and thoroughly water into the soil. To control Whitegrubs, apply 20 lbs. per acre broadcast before planting. Incorporate into top 3 inches of soil. To control Wireworms, apply 30 lbs. per acre to the row at time of planting or pegging. Incorporate lightly into soil. Reentry interval - 3 days.

**SOYBEANS:** To control Whitegrubs and Wireworms, apply 30 to 40 lbs. per acre broadcast before planting. Incorporate into top 4 to 6 inches of soil. Reentry interval - 3 days.

**SUGARCANE:** To control Wireworms, apply 50 to 60 lbs. per acre to seed pieces in furrow at time of planting or apply 30 to 40 lbs. per acre broadcast before planting. Incorporate into top 4 to 9 inches of soil. Reentry interval - 3 days.

**SWEET POTATOES:** To control Wireworms, apply 20 to 40 lbs. per acre broadcast before planting. Incorporate into the top 4 to 9 inches of soil. Use the lower dosage for mineral soils or higher dosage for organic soils. Reentry interval - 3 days.

**TURNIP:** To control Wireworm, apply 30 to 40 lbs. per acre broadcast before planting. Incorporate into top 4 to 9 inches of soil. Reentry interval - 3 days.

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## STORAGE AND DISPOSAL

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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 allow storage in a damp or humid area. Do not stack bags over 2 pallets high. Move bags carefully so as not to tear or puncture. Do not move from one area to another unless they are securely sealed to prevent granules from escaping. Keep container tightly sealed when not in use. Keep away from any puncture source. Avoid storage near water supplies, food, feed and fertilizer to avoid contamination. Avoid contamination with acids and alkalis. Store in original containers only. If the contents are leaking or material is spilled follow these steps:

1. Collect and place in suitable containers for disposal.
2. Wash area with water and soap to remove remaining pesticide.
3. Follow washing with clear water rinse.
4. Do not allow runoff to enter sewer or contaminate water supplies.
5. 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.

**CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

## WARRANTY - CONDITION OF SALE

OUR RECOMMENDATIONS FOR USE of this product are based upon tests 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.

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