

# 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.

# METHYL PARATHION 5-E

## Organophosphate Insecticide

<b>ACTIVE INGREDIENTS:</b>	<b>BY WT.</b>
O,O-dimethyl O-p-nitrophenyl phosphorothioate .....	52.7%
Related Product .....	7.0%
<b>INERT INGREDIENTS:</b> .....	40.3%
	<b>TOTAL 100.0%</b>

This product contains xylene range aromatics.

**STOP! READ BEFORE USING. CAN KILL YOU.**

**KEEP OUT OF REACH OF CHILDREN**  
**DANGER POISON**  
**PELIGRO** 

If usted no entiende la etiqueta, busque a alguien para que se le explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)

See Below For Statement of Practical Treatment, Antidotes and Additional Precautionary Statements.

EPA REG. NO. 34704-433  
 EPA EST. NO. 34704-MS-1  
 NET CONTENTS 5 GALS. (18.92 L)

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**DANGER — POISON**  
**PRECAUTIONS**

<b>CAN KILL YOU IF SWALLOWED</b>	<b>CAN KILL YOU BY SKIN CONTACT</b>	<b>CAN KILL YOU IF BREATHED</b>
This product can kill you if swallowed such as small amounts spray mist or dust may be fatal if swallowed.	This product can kill you if touched by hands or spilled or splashed on skin, in eyes or on clothing (liquid goes through clothes).	This product can kill you if vapors, spray mist or dust are breathed.

The National Pesticide Telecommunication Network is available for recommendations regarding poisoning management, emergency treatment, and other information regarding the toxicity of methyl parathion. The toll free number for the National Pesticide Telecommunication Network is 1-800-858-7378.

If handled indoors provide mechanical exhaust ventilation. Keep all unprotected persons, children, livestock, and pets 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. See First Aid (Practical Treatment) section.

**Personal Protective Equipment:**  
 Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category F on the EPA chemical resistance category selection chart.  
 Applicators and other handlers must wear: coveralls over long-sleeved shirt and long pants, chemical-resistant gloves, such as barrier laminates, butyl rubber, nitrile rubber or viton, chemical-resistant footwear plus socks, protective eyewear and chemical-resistant headgear for overhead exposure, and chemical-resistant apron when cleaning equipment, mixing or loading. For exposures in enclosed areas, a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G). For exposures outdoors, dust/mist filtering (MSHA/NIOSH approval number prefix TC-21C).  
 Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.  
 Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.  
 When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets with requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240 (c) (4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

### USER SAFETY RECOMMENDATIONS

Users should:  
 Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.  
 Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.  
 Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**IMPORTANT!** If pesticide comes in contact with skin, wash off with soap and water and contact a physician immediately.

Respirators must be cleaned and filters replaced according to instructions included with the respirators.

### POISON SIGNS (Symptoms)

Methyl 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, weakness of eyes, drooling or frothing of mouth and nose, muscle spasms and a coma.

### STATEMENT OF PRACTICAL TREATMENT

Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to methyl 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 giving water and sticking finger down throat. Repeat until vomit fluid is clear. Never give anything by mouth to an unconscious person. Have victim lie down and keep quiet. See a doctor immediately. In case of contact, immediately flush eyes or skin with plenty of water. 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. Re-

**ACCEPTED**  
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 U.S. Federal Insecticide, Fungicide, and Rodenticide Act, registered under EPA Reg. No. 34704-433

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pest at 5 to 10 minute intervals until signs of strabismus appear. 2-PAM chloride is also antidotal and may be administered in conjunction with atropine. **DO NOT GIVE MORPHINE OR TRANQUILIZERS.** Methyl 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.**

### ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to aquatic invertebrates, fish, and wildlife. Birds and shrimp may be killed at recommended application rates. For terrestrial uses, do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Run-off and drift from target areas may be hazardous to aquatic organisms in adjacent aquatic sites. Do not contaminate water by cleaning or disposal of equipment washwaters.

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 it to drift to blooming crops or weeds if bees are visiting the treatment area.

### PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame. Keep container closed. **NOTE TO USER:** Do not heat this material above 131°F (55°C). Store at temperatures above 32°F (0°C) to avoid crystallization.

### DIRECTIONS FOR USE

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

**READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.**

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.

Each 48 hour REI is increased to 72 hours in outdoor areas where average rainfall is less than 25 inches a year.

PPE required for entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water: coveralls over long-sleeved shirt and long pants, chemical-resistant gloves, such as barrier laminates, butyl rubber, nitrile rubber or viton, chemical-resistant footwear plus socks, protective eyewear and chemical-resistant headgear for overhead exposure.

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

### STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited. Do not reuse empty containers.

**STORAGE:** Store in a cool, dry place. **COMBUSTIBLE**—do not use or store near heat or open flame. Keep pesticide in original container. Not for use or storage in or around the home.

**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 Environ-

mental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Metal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Plastic: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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

### APPLICATIONS

This product is an insecticide formulation for use only by experienced personnel using approved protective equipment. Apply in conventional ground sprayers or by aircraft sprayers. For foliage applications, mix required amounts of insecticide in sufficient water to provide uniform coverage. Apply 5 to 20 gallons by air, 20 to 100 gallons by ground rig. Keep spray mixture well agitated.

Observe number of days to harvest in ( ) following crop.

**ALFALFA (15):** Weevil: Apply a maximum of 1/2 pt. per acre. Do not apply if the crop or weeds in the treatment area are in bloom.

**BARLEY, OATS (15):** Aphids: Apply a maximum of 1 pt. per acre.

**BEANS (DRY) (15):** Aphids: Apply a maximum of 1 pt. per acre. Do not apply if the crop or weeds in the treatment area are in bloom.

**CABBAGE, CAULIFLOWER (21):** Armyworms, Aphids: Apply a maximum of 1 pt. per acre.

**LETTUCE (21):** Aphids, Armyworms, Cabbageworms: Apply a maximum of 1 1/2 pts. per acre.

**RICE (15):** Armyworms: Apply a maximum of 1 pt. per acre. Crabs, crayfish and shrimp may be killed. Do not apply where these are important resources. Do not apply within 14 days of Propanil application.

### NOTICE

PLATTE WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REASONABLY FIT FOR THE PURPOSES STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS UNDER NORMAL USE CONDITIONS. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PRODUCT. CROP INJURY, INEFFECTIVENESS, OR OTHER UNINTENDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE CONTROL OF PLATTE. IN NO CASE SHALL PLATTE BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER. EXCEPT AS EXPRESSLY PROVIDED HEREIN, PLATTE MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESSED OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF PRODUCT FOR ANY PARTICULAR TRADE USAGE.

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FORMULATED FOR  
**PLATTE CHEMICAL CO.**

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