

# 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.



# METASPRAY 5E

JUN 12 1993

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under

EPA Reg. No. 249-101-01

ACTIVE INGREDIENTS	By Weight
O,O-dimethyl O-p-nitrophenyl thiophosphate*	50.92%
Related Products	2.68%
INERT INGREDIENTS	46.40%
<b>TOTAL</b>	<b>100.00%</b>
*Methyl Parathion	

## STOP! READ THE LABEL

KEEP OUT OF REACH OF CHILDREN

**DANGER**  **POISON**  
**PELIGRO**

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

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

NOT FOR HOME USE

EPA REG. NO. 34704-94

EPA EST. NO. \_\_\_\_\_

NET CONTENTS \_\_\_\_\_ GALLONS

25799

EXPOSURE



**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 sprayed or splashed on skin in eyes or on clothing. Toad goes through clothes!



**CAN KILL YOU IF BREATHED**

This product can kill you if vapors or spray mist are breathed.

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

### WORK SAFETY RULES

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 1-800-858-7379.

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 (Statement of Practical Treatment) section.

HANDLE THE CONCENTRATE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT

Wear a protective suit of one or two pieces that covers all parts of the body except the head, hands, and feet. Wear chemical resistant gloves, chemical resistant apron, and chemical resistant shoes, shoe coverings, or boots. Wear goggles or a face shield. Wear a pesticide respirator approved by the National Institute for Occupational Safety and Health under the provisions of 30 CFR part 11.

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 AREAS: protective suit of one or two pieces covering all parts of the body except the head, hands, and feet; chemical resistant gloves; chemical resistant shoes (or chemical resistant shoe coverings or chemical resistant boots); goggles or face shield; hood or wide brimmed hat; NIOSH approved respirator.

IF MIXING/LOADING IS PERFORMED USING A CLOSED SYSTEM THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT MAY BE WORN AS AN ALTERNATIVE: long-sleeved shirt, long-sleeved pants, chemical resistant gloves, chemical resistant apron, shoes and socks. Goggles or face shield 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: long-sleeved shirt and long-legged pants, shoes and socks. Chemical resistant gloves must be available in the cab or cockpit and must be worn during entry to and exit from the application vehicle. 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 to treated area. When used for this purpose, contaminated clothing may not be brought back into the cab unless in an enclosure such as a plastic bag. Methyl parathion's CLOTHING IS INADEQUATE TO PROTECT YOU DURING MIXING AND CLEANING OF APPLICATION EQUIPMENT AND EARLY REENTRY TO TREATED AREAS. REFER TO PROTECTIVE CLOTHING AND EQUIPMENT REQUIREMENTS ABOVE.

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, before removing gloves, wash them with soap and water. Take off all work clothes and shoes. Shower with soap and water. Wear only clean clothes when leaving job—do not wear contaminated clothing. Personal clothing worn during work must be stored and laundered separately from protective clothing and household articles. Store protective clothing separately from personal clothing. Clean or launder protective clothing after each use. Respirators must be cleaned and filters replaced according to instructions included with the respirator. Protective clothing and protective equipment heavily contaminated or treated with methyl parathion must be destroyed according to state and local regulations. HEAVILY CONTAMINATED OR BURNED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED DURING AERIAL APPLICATION. HUMAN FLAGGERS ARE PROHIBITED.

### POISON SIGNS (Symptoms)

METHYL PARATHION is a very dangerous poison. It rapidly enters the body on contact with all skin surface 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, pinpoint pupils, tightness in chest, labored breathing, nervousness, swelling of eyes, drooping or twitching of mouth and nose, muscle spasms and coma.

### STATEMENT OF PRACTICAL TREATMENT

Call a doctor, physician, clinic or hospital immediately. If you or the victim has been exposed to parathion and you are having trouble with BREATHING HAS STOPPED, start artificial respiration immediately and maintain until doctor sees victim.

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**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.

**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.**

## ENVIRONMENTAL HAZARDS

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

## REENTRY

Reentry into treated fields is prohibited for 48 hours after application, unless all protective clothing and equipment required for early reentry as described elsewhere on the label are worn.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information. 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.

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. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. When oral warnings are given, warnings shall be given in a language customarily understood by workers.

Written or oral warnings must include the following information:

### DANGER

(Insert area or field description) treated with methyl parathion on (insert date of application.) Reentry into treated fields is prohibited for 48 hours after application, unless all protective clothing and equipment required for early reentry are worn. In case of accidental exposure: Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to methyl parathion and describe his condition. For further information see the STATEMENT OF PRACTICAL TREATMENT portion of the pesticide label.

## STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal. Do not store under conditions which might adversely affect the container or its ability to function properly.

**STORAGE:** Do not store below temperature of 0°F. Store in safe manner. Store in original container only. Keep container tightly closed when not in use.

**PROTECTIVE EQUIPMENT AND CLOTHING:** Personnel should use clothing and equipment listed under "PRECAUTIONARY STATEMENT" when handling open containers.

**SPILLED MATERIAL:** Block or dike to prevent spreading of spill. Cover with absorbent material such as lime, clay or sawdust. Scoop and sweep into a disposable container. Wash area with strong lye solution, absorb and place into a disposable container.

**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.

## NOT FOR HOME USE

DO NOT USE IN A MANNER OR AT A TIME OTHER THAN IN ACCORDANCE WITH LABEL DIRECTIONS BECAUSE ANIMAL, PLANT OR CROP INJURY, ILLEGAL RESIDUES OR OTHER UNDESIRABLE RESULTS MAY OCCUR.

## Dealers Should Sell in Original Packages Only

## APPLICATION INSTRUCTIONS

Use only according to label USE DIRECTIONS. Do not apply this product through any type of irrigation system.

## Directions for Mixing and Spraying

**DIRECTIONS FOR MIXING:** Mix in water with agitation; agitate while spraying. Use designated amount of product in the following gallons of water per acre unless otherwise noted: Vegetable and Field Crops—20 to 250 gallons by ground, 5 to 10 gallons by air.

**THIS MATERIAL IS AN AGRICULTURAL PESTICIDE FOR USE BY GROUND OR AIR EQUIPMENT FOR THE FOLLOWING USES:**

**ALFALFA (Hay):** Spotted Alfalfa Aphid—1/2 pint per acre. Alfalfa Weevil—4/5 pint per acre. Do not apply within 15 days of harvest. Do not apply if the crop or weeds in the treatment area are in bloom.

**ALFALFA (Seed):** Lygus Bugs, Stink Bugs—1 1/5 pints per acre. Aphids, Leafhoppers—4/5 pint per acre. Do not apply within 15 days of harvest. Do not apply during periods of bee activity. Do not apply if the crop or weeds in the treatment area are in bloom.

**ARTICHOKES:** Aphids, Fleabeetles—1 to 1 1/2 pints per acre. Do not apply within 7 days of harvest. Artichoke Plume Moth—1 1/5 pints per acre. For control of Artichoke Plume Moth: If plants are cut in April and May, begin application after September, and repeat at 14- to 21-day intervals as needed through December, 30-day intervals through January and February, 14-day intervals from March through the end of the picking season. Workers should not re-enter fields for 7 days following treatment. Do not apply within 7 days of harvest.

**BEANS: (Dry, Green, and Lima):** Aphids, Armyworms (up to 3rd Instar), Fleahoppers, Leafhoppers, Red Spider Mites—1 to 2 pints per acre. Do not apply within 15 days of harvest to dry beans. Do not apply within 21 days of harvest for Green and Lima Beans. Do not apply to beans if the crop or weeds in the treatment area are in bloom.

**BEETS:** Aphids, Leafhoppers—1 pint per acre. Stink Bugs—1 1/5 pints per acre. Do not apply within 15 days of harvest.

**BROCCOLI, BRUSSELS SPROUTS, CABBAGE, COLLARD, CAULIFLOWER, KALE:** Aphids, Armyworms (up to 3rd Instar), Fleahoppers, Leafhoppers, Red Spider Mites—1 to 2 pints per acre. Do not apply to listed Cole crops within 21 days of harvest.

**CARROTS, POTATOES:** Aphids, Fleabeetles, Leafhoppers, Red Spider Mites—Use 1 to 1 1/2 pints per acre. On Carrots—Do not apply within 15 days of harvest. Do not feed Carrot tops. On Potatoes—Do not apply within 5 days of harvest.

**CELERY, PEAS:** Aphids, Leafhoppers, Fleabeetles, Lygus Bugs—3/4 to 1 1/2 pints per acre. Do not apply within 15 days of harvest. Do not apply to peas if the crop or weeds in the treatment area are in bloom.

**COTTON:** Cotton Fleahoppers, Aphids, Stink Bugs—1 to 4 pints per acre. Cotton Bollworm—Use 1 1/5 pints per acre. Red Spider Mites—4/5 pint per acre. At rates of 4/5 pint through 1 1/5 pints, application may be made up to the day before harvest, if harvest will be with mechanical pickers and if handpicking there is a 5 day interval. Mechanical pickers must be used with a 7 day preharvest interval at rates above 1 1/5 pints through 4 pints. Workers entering fields within 48 hours of application should wear protective clothing.

**LETTUCE:** Aphids, Fleabeetles, Leafhoppers—1 to 1 1/2 pints per acre. Cabbage Loopers—1 1/5 pints per acre. Do not use within 21 days of harvest.

**SPINACH:** Cabbage Loopers—1 to 1 1/2 pints per acre. Do not use within 21 days of harvest.

## NOTICE TO PAYER

Seller makes no warranty, express or implied, concerning the use of this product other than indicated on the label. Buyer assumes full responsibility for use and/or handling of this material when such use and/or handling is contrary to label instructions.

FORMULATED FOR  
**PLATTE CHEMICAL CO.**  
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