

# RESTRICTED USE PESTICIDE

Due to Very High Acute Toxicity to Humans and Residue Effects on Avian, Mammalian and Aquatic Species  
For retail sale to and use only by certified applicators 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, and cleaning of application equipment. Certified applicators must also ensure that all persons involved in these activities are informed of the precautionary statements.



# PHOSDRIN® 4E

ACCEPTED

APR 27 1988  
EPA Reg. No. 34704-465

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## Insecticide

ACTIVE INGREDIENTS.	BY WEIGHT
†Mevinphos (2-Carbomethoxy-1-methylvinyl dimethyl phosphate, alpha isomer) .....	28.3%
†Related Compounds .....	18.9%
INERT INGREDIENTS:*	52.8%
<b>TOTAL</b>	<b>100.0%</b>

†Equivalent to 47.2% or 4 pounds active ingredients per gallon.  
\*This product contains xylene range aromatics.

**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.

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

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

See Below For Additional Precautionary Statements.

• PHOSDRIN is a Registered T.M. of Shell Chemical Co.

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EXP-1R

## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### DANGER

Poisonous if Swallowed, Inhaled or Absorbed Through Skin or Eyes. Rapidly absorbed through skin! Do not get in eyes, on skin or on clothing. Repeated inhalation or skin contact may, without symptoms, progressively increase susceptibility to mevinphos poisoning. Do not swallow or get in eyes, on skin, or on clothing. Do not breathe vapors. Do not apply or allow to drift to areas occupied by unprotected humans or beneficial animals. Keep all unprotected persons out of operating areas or vicinity where there may be danger of drift. Do not contaminate or store near feed and foodstuffs.

USE ONLY WHEN WEARING THE FOLLOWING PERSONAL PROTECTIVE EQUIPMENT DURING MIXING/LOADING, APPLICATION, REPAIR AND CLEANING OF MIXING, LOADING, AND APPLICATION EQUIPMENT, AND DISPOSAL OF THE PESTICIDE: protective suit of one or two pieces that covers all parts of the body except 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 or MSHA approved respiratory protection device.

IF MIXING/LOADING IS PERFORMED USING A CLOSED SYSTEM, THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT MAY BE WORN AS AN ALTERNATIVE: Long-sleeve shirt; long-legged 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-sleeve 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 into 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. REMEMBER — THIS CLOTHING IS INADEQUATE TO PROTECT YOU DURING REPAIR 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 using soap and water. Wear only clean clothes when leaving job — do not wear contaminated clothing. Personal and protective clothing worn during work must be stored and laundered separately from household articles. Clean or launder protective clothing after each use. Respirators must be cleaned and filters replaced according to instructions included with the respirators. Protective clothing and protective equipment that becomes heavily contaminated or drenched with mevinphos must be destroyed according to State and local regulations. HEAVILY CONTAMINATED OR DRENCHED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED.

The National Pesticide Telecommunication Network is available for recommendations regarding poisoning management, emergency treatment, and other information regarding the toxicity of mevinphos. 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 the First Aid (Practical Treatment) section of this label.

### FIRST AID TREATMENT

If swallowed: Call a physician, or Poison Control Center. Drink one or two glasses of water and induce vomiting by touching back of throat with finger, or, if available, by administering syrup of ipecac. Do not induce vomiting or give anything by mouth to an unconscious person.

If on skin: In case of contact, remove contaminated clothing and immediately wash skin with soap and water.

If in eyes: Wash at once in running water for at least 10 minutes.

### Antidote

NOTE TO PHYSICIAN. Phosdrin is a cholinesterase inhibitor. Patient should be under observation for 48 hours. Atropine is antidotal. Give 4 mg intramuscularly or intravenously. Repeat every 15 minutes until patient is fully atropinized. 2-PAM is also antidotal and may be administered in conjunction with atropine.

For Emergency Assistance Call  
CHEMTREC 800-424-9300.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

### PHYSICAL OR CHEMICAL HAZARDS

Do not use 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 STATEMENT

Reentry into treated citrus groves, grape vineyards, and nectariferous peach orchards is prohibited for 96 hours (4 days) after the end of application, unless the protective clothing specified on this label for early

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reentry is worn. Reentry into all other treated areas is prohibited for 48 hours (2 days) after the end of application, unless the protective clothing specified on this label for early reentry is worn.

**FOR EARLY REENTRY INTO TREATED AREAS BEFORE SPRAYS HAVE DRIED,** wear all protective clothing specified on this label for an applicator.

**FOR EARLY REENTRY INTO TREATED AREAS AFTER SPRAYS HAVE DRIED,** wear protective suit of one or two pieces covering all part of the body except head, hands, and feet, chemical-resistant gloves, chemical-resistant shoes (or chemical-resistant shoe coverings or chemical-resistant boots).

Written or oral warnings must be given to workers who are expected to be in treated areas 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 Mevinphos on (date). Do not enter without appropriate protective clothing until (insert date/time reflecting end of reentry interval set forth on this label). In case of accidental exposure see FIRST AID TREATMENT found on the Mevinphos product label.

### STORAGE AND DISPOSAL

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

**STORAGE:** Do not store in or around the home

Do not store below 20°F, (-7°C).

Do not use or store near heat, open flame or hot surfaces.

Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food, or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills.

To confine spill: dike surrounding area or absorb with sand, cat litter or commercial clay. Place damaged package in a holding container. Identify contents.

**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:** 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. Do not cut or weld metal containers. 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 use or storage in or around the home.

Mix with water by vigorous agitation; agitate the mixture while spraying. If allowed to stand, re-agitate before use. Do not use undiluted form.

Apply when insects first appear and repeat application as often as necessary to maintain control. Apply in a suitable volume of water to give uniform coverage of foliage. For application by airplane, dilute this product with 3 to 10 gallons of water per acre.

**HUMAN FLAGGERS ARE PROHIBITED** during aerial application of this product unless in totally enclosed vehicles.

### DIRECTION FOR DILUTION

**Dilute Application:** *Ground Application:* Apply specified rate in 20 to 60 gallons of water per acre. *Orchard Application:* Apply specified rate in 100 to 800 gallons of water per acre.

**Concentrate Application:** *Ground Application:* Apply specified rate in not less than 5 gallons of water per acre. *Orchard Application:* Apply specified rate in 20 to 100 gallons of water per acre. Special concentrate equipment is necessary for these uses.

**Air Application:** Apply specified rate in 5 to 20 gallons of water per acre. Orchard rate should not be applied in less than 10 gallons of water per acre.

**Alfalfa, Clover:** *Spotted Alfalfa Aphid, Alfalfa Caterpillar, Leafhopper, Grasshopper, Cutworm (climbing), Lygus Bug, Red Spider Mite, Alfalfa Weevil Larvae.* Apply 1/2 to 1 pint per acre. Do not apply within 1 day of harvest.

**Apples, Sour Cherries, Peaches, Pears, Plums:** *Aphids, Red Spider*

*Mite, Lygus Bug, Grasshopper, Red-Banded Leafroller.* Apply 1 to 2 quarts per acre. Do not apply to Sour Cherries within 2 days of harvest. Do not apply to Apples, Peaches, Pears, and Plums within 1 day of harvest.

**Artichokes:** *Aphids, Plume Moth.* Apply 2 pints per acre. Do not apply within 2 days of harvest.

**Beans, Peas, Tomatoes:** *Aphids, Red Spider Mite, Lygus Bug, Grasshopper, Leafhopper, Cabbage Looper.* Apply 1/2 to 1 pint per acre. Do not apply within 1 day of harvest.

**Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Celery:** *Aphids, Cabbage Looper, Adult Dipterous Leafminer, Imported Cabbageworm, Cutworm (climbing), Leafhopper, Lygus Bug, False Chinch Bug, Grasshopper, Red Spider Mite, Salt Marsh Caterpillar, Corn Earworm.* Apply 1 pint to 1 quart per acre. Do not apply within 3 days of harvest on Broccoli, Brussels Sprouts, Cabbage and Cauliflower. Do not apply within 5 days of harvest on Celery.

**Citrus (Oranges, Lemons, Grapefruit):** *Fruitree Leafroller, Orange Tortrix, Omnivorous Leafroller.* Apply 2 pints per acre. *Western Tussock Moth Larvae, Citrus Cutworm, Variegated Cutworm, Pink Scavenger Caterpillar.* Apply 4 pints per acre. *Aphids.* Apply 1 to 2 pints per acre. Allow at least 7 days between applications. Do not apply within 1 day of harvest.

**Corn:** *Aphids, Red Spider Mite, Corn Earworm, Cutworm (climbing).* Apply 1/2 to 1 pint per acre. Do not apply within 1 day of harvest. **Cucumbers, Cantaloupes, Honeydew, Muskmelons, Squash (Summer), Watermelons:** *Aphids.* Allow 1/4 to 1/2 pint per acre. *Cabbage Looper, Leafhopper, Dipterous Leafminer (Adults), Lygus Bug, Red Spider Mite, False Chinch Bug, Cutworm (climbing), Grasshopper, Salt Marsh Caterpillar.* Apply 1/2 to 1 pint per acre. Do not apply within 1 day of harvest.

**Grapes:** *Aphids.* Apply 1/2 to 1 pint per acre. *Leafroller, Leafhopper, Red Spider Mite, Lygus Bug, Red-Banded Leafroller.* Apply 1 to 2 pints per acre. Do not apply within 2 days of harvest.

**Lettuce, Spinach:** *Aphids, Leafhopper, Adult Dipterous Leafminer, Cabbage Looper, Lygus Bug, Corn Earworm, Imported Cabbageworm, Cutworm (climbing), Grasshopper, Salt Marsh Caterpillar.* Apply 1 quart per acre. Do not apply within 4 days of harvest on Lettuce or within 7 days of harvest on Spinach.

**Onions (Including green onions):** *Thrips, Cutworm (climbing), Aphids.* Apply 1/2 to 1 pint per acre. Do not apply within 1 day of harvest.

**Potatoes:** *Aphids, Red Spider Mite, Lygus Bug, Leafhopper, Cabbage Looper.* Apply 1/2 pint per acre. Do not apply within 4 days of harvest.

**Sorghum (forage and grain):** *Aphids.* Apply 1/4 to 1/2 pint per acre. *Corn Earworm, Webworm, Fall Armyworm.* Apply 1/2 to 1 pint per acre. Do not apply within 3 days of harvest.

**Strawberries:** *Aphids, Red Spider Mite, Thrips, Strawberry Leafroller, Lygus Bug, Grasshopper, Salt Marsh Caterpillar.* Apply 1/2 to 2 pints per acre. Do not apply within 1 day of harvest.

**Turnips, Beets (Including tops), Carrots, Eggplant, Peppers:** *Aphids.* Apply 1/4 to 1/2 pint per acre. *Leafhopper, Dipterous Leafminer (Adults), Grasshopper, Lygus Bug, False Chinch Bug, Imported Cabbageworm, Corn Earworm, Armyworm, Red Spider Mite, Salt Marsh Caterpillar.* Apply 1/2 to 1 pint per acre. Do not apply within 3 days of harvest on Beets and Turnips, or within 1 days of harvest on Carrots, Eggplant and Peppers.

**Walnuts:** *Aphids.* Apply 2 to 3 pints per acre. *Red Spider Mite, Orange Tortrix, Omnivorous Looper, Fruitree Leafroller, Western Tussock Moth.* Apply 3 to 5 pints per acre. Do not apply within 1 day of harvest.

### DEALERS SHOULD SELL IN ORIGINAL PACKAGES ONLY.

**Terms of Sale or Use:** On purchase of this product buyer and user agree to the following conditions:

**Warranty:** Platte makes no warranty, express or implied, concerning this use of this product other than indicated on the label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

**Directions and Recommendations:** Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller and are assumed by buyer at his own risk.

**Use of Product:** Platte's recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, express or implied, is made as to the effects of such or the results to be obtained, not used in accordance with directions or established sale practice.

**Damages:** Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.

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PLATTE CHEMICAL CO.

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