

APR 21 1994

J. Allen Dunlap, III  
Agent for: Platte Chemical Co., Inc.  
P.O. Box 667  
Greeley, Colorado 80632

Subject: Label Amendment of 2/25/94; Response to PR Notice 93-7  
EPA Registration No. 34704-718  
Paraspray 8-F

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

**WHAT THIS ACCEPTANCE MEANS:**

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

**WHAT YOU NEED TO DO NEXT:**

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance

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Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Products (7505C)  
U.S. Environmental Protection Agency  
401 M Street, SW  
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

Sincerely,

DHE

Dennis H. Edwards, Jr.  
Product Manager 19  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

Attachment

PROPOSED LABEL

# RESTRICTED USE PESTICIDE

Due to very high acute toxicity to Humans and Birds

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

ACCEPTED with COMMENTS in EPA Letter Date

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# PARASPRAY™ 8-F

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 34704-718

## Organophosphate Insecticide

### ACTIVE INGREDIENTS:

Parathion (O,O diethyl-O-p-nitrophenyl-phosphorothioate) .....	75.7%
Related Compounds .....	2.4%
<b>INERT INGREDIENTS: .....</b>	<b>21.9%</b>

TOTAL 100.0%

This product contains 8 pounds of Ethyl Parathion per gallon.

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

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

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

NET CONTENTS \_\_\_\_\_ GAL. ( \_\_\_\_\_ L)

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WP5EXP10R93

See Below For Additional Precautions and Statement of Practical Treatment.



#### 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 spilled or splashed on skin, in eyes or on clothing (liquid 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

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

Personal Protective Equipment  
Mixers and loaders who must use the closed system described elsewhere on this label must wear \_\_\_\_\_

Applicators in enclosed cockpits must wear \_\_\_\_\_

A. Other Handlers including persons who (1) repair, clean, or maintain the parts of mixing, loading, or application equipment that may contain residues; (2) clean up spills; (3) handle open containers; or (4) dispose of this pesticide must wear \_\_\_\_\_

### User Safety Requirements

\_\_\_\_\_

### User Safety Recommendations

\_\_\_\_\_

### 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 \_\_\_\_\_

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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, sweating, watering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma.

### + STATEMENT OF PRACTICAL TREATMENT +

Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to parathion and describe his condition.

If Breathing Has Stopped, start artificial respiration immediately and maintain until doctor sees victim.

If Swallowed: 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. Get medical attention.

If In Eyes: Flush eyes with plenty of water. Contact Physician Immediately.

If on Skin: Flush skin with plenty of water. Contact Physician 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 fish and wildlife. Birds in treated areas may be killed. 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. Fish and other aquatic organisms may be killed at recommended application rates. Run-off and drift from target areas may be hazardous to aquatic organisms in adjacent aquatic sites. Do not contaminate water when disposing 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 to drift to blooming crops or weeds if bees are visiting the treatment area.

### PHYSICAL & CHEMICAL HAZARDS

COMBUSTIBLE

DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME

DO NOT USE IN UNDILUTED FORM

### DIRECTIONS FOR USE

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

[REDACTED]

### Application Restrictions

Aerial Application Only [REDACTED]

No Spray or Drift On Any Person [REDACTED]

Areas Where Application is Prohibited [REDACTED]

Crop Limitations [REDACTED]

Chemigation Prohibited [REDACTED]

Drift Reduction Measures [REDACTED]

### AGRICULTURAL USE REQUIREMENTS

[REDACTED]

Restrictions on Entry to Treated Areas [REDACTED]

Restrictions for A Persons Who Enter Entry Restricted [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Parathion Protective Equipment for Early Entry [REDACTED]

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Notification About Applications and Entry Restrictions

Notification to Farm Owner/Operator

**STORAGE AND DISPOSAL**  
**PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. 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. Store in cool, dry place. Keep container tightly closed when not in use. Reduce stacking height where local conditions can affect package strength.  
**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 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. 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.

**PROTECTION OF APPLICATORS AND MIXER-LOADERS**  
Applicator Protection  
Mixer Loader Protection

The liquid product must be removed from its original shipping container and transferred through connecting hoses, pipes, and/or couplings that are sufficiently tight to prevent handlers or other persons from contacting the parathion concentrate, use dilution, or rinsate solution. All hoses, piping, tanks, and connections used in the system shall be of a type appropriate for the product being used and the pressure and vacuum levels involved. The system shall be designed and operated so that the concentrated form of this product is not under more than 25 psi of pressure at any point in the system beyond or downstream from a pump producing positive pressure. The closed system must be adequate to make necessary measurements of the product being used. External

sight gauges shall be equipped with valves so that the flow of pesticide to the sight gauge can be shut off in case of breakage or leakage from the gauge. Dry-break couplings shall be used for all hose connections that may be disconnected during normal mixing-loading operations (excluding periodic maintenance). A coupling shall be considered to be a dry-break coupling only if its manufacturer certifies that less than 2 milliliters of liquid will escape per disconnect.

In mixing-loading operations do not pour this product from its container. Before opening the container, make sure that the container is resting securely on the ground or a sturdy support, with the top (opening) end up and approximately level.

Remove the product from the container only by use of a vacuum-producing pump system connected to a probe system that is listed by the State of California under that State's program establishing criteria for closed-system handling of Toxicity Category I pesticides. If you have any questions please contact the State Agricultural Extension Service for further information.

The probe system shall be screwed into the threaded opening in the top of the container to form a watertight connection, using appropriate adaptors provided by the probe manufacturer as necessary. The instructions provided by the seller of the probe system shall be followed, except that a removable probe may not be removed from the container until the container is empty and the container and probe have been thoroughly rinsed as required by this section.

The closed system must provide for adequate rinsing of any removable probe and of all containers that are not labeled for return to the registrant. Rinsing must be done using a liquid that contains no pesticide. The rinsing system must be capable of spray-rinsing the inner surface of the container. The rinse solution shall be removed from the pesticide container concurrent with the introduction of the rinse medium. The rinse solution shall go into the pesticide mix tank or applicator vehicle via the closed system.

The system shall be rinsed according to the specifications of the manufacturer of the probe system, or, in the absence of such specifications, by moving at least one half the container volume through the system. A minimum pressure of 15 psi shall be used for the spray rinse. Measures shall be taken to prevent the spray rinse procedure from causing an increase in pressure on the inside of the container walls of more than 5 psi.

Either the operator of the closed system must have available at the time of operation a complete set of written instructions for proper operation of the system, or the certified applicator must document in writing before an operator uses the closed system that the operator has been adequately trained in the proper operation of the system.

**INCIDENT REPORTING.** A telephone notification must be made if mixing, loading, or use of a product containing parathion results in (1) inadvertent or unexpected human exposure to the product or illness resulting from exposure to the product, (2) spill of the product, (3) an investigation by Federal, State, or local authorities of allegations involving drift of the product, or (4) the deaths of birds or other wildlife. The certified applicator or the owner of the treated land must notify by telephone the Chief, Compliance Branch, Office of Compliance Monitoring, USEPA, at (202) 260-3375 within seven days of becoming aware of the incident.

**DIRECTIONS**

Be sure to read the precautionary statements before using!

This product is designed for application after dilution with water and for use by trained aerial applicators. The hazards and precautions for handling the product in this container are equally applicable to it after dilution with water for spray application. Add the concentrate to the spray tank while filling with water, and mix thoroughly either by means of a tank agitator or pump by-pass. For best results, thoroughly cover all surfaces to be treated with spray. Rates of application given below should not be exceeded. Never apply later than indicated to assure residue levels at harvest are below tolerances established by the Food and Drug Administration.

Consult the State Agricultural Extension Service or Experiment Station for specific recommendations regarding application, dosage and timing of sprays. For application, add the amount of concentrate desired per acre to 1 to 3 gallons of water consistent with crop growth and good coverage.

**USAGE PRECAUTION:**

DO NOT ALLOW THIS MATERIAL TO DRIFT ONTO NEIGHBORING CROP OR NON-CROP AREAS OR USE IN A MANNER OR AT A TIME OTHER THAN IN ACCORDANCE WITH DIRECTIONS BECAUSE PLANT INJURY, EXCESSIVE RESIDUES OR OTHER UNDESIRABLE RESULTS MAY OCCUR.

Observe days interval between last application and harvest indicated in ( ) following crops.

**CROP USE DIRECTIONS**

**ALFALFA (15)**—For sweet clover aphids, three-cornered alfalfa hoppers, alfalfa caterpillars, and spittlebugs, use 1/4 pint per acre. For aphids, alfalfa weevil larvae, and adult weevils, armyworms, clover leaf weevils, climbing cutworms, webworms, grasshoppers, crickets, spotted alfalfa aphids, leafhoppers, Lygus bugs, thrips and tortricid moths, use 1/4 to 1/2 pint per acre. For control of range caterpillar, use 1/2 pint per acre. For

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alfalfa seed chalcids control on alfalfa grown for seed, use  $1/4$  to  $1/2$  pint per acre. California and Nevada regulations limit the use of this material to not more than  $3/4$  pint per acre. For clover head weevils, spider mites, blister beetles, Asiatic garden beetles, sweet clover weevils, and green June beetles, use  $1/2$  pint per acre. For beet armyworms and corn earworms use  $1/2$  to  $3/4$  pint per acre.

CORN (12)—For control of European corn borers, use  $1/2$  pint per acre. Apply the first spray when 75% of the corn plants show "shot-hole" feeding and follow with two additional sprays at 5 to 7 day intervals. Use sufficient water per acre to provide complete coverage and be certain whorls of plant are well treated. For corn leaf aphids and grasshoppers, use  $1/4$  to  $1/2$  pint per acre. For fall armyworms, corn earworms, corn rootworms adults, armyworms up to third instar, climbing cutworms, and Japanese beetles, use  $3/8$  pint per acre. To control sap beetles, stink bugs and spider mites, use  $1/2$  pint per acre. To control chinch bugs, use  $3/8$  pint per acre. To control corn earworms, fall armyworms, aphids and silkflies in Sweet Corn use  $1/4$  pint per acre.

COTTON (7)—To control aphids, mites, cotton leaf worms, cotton fleahoppers, garden webworms and thrips, use  $1/4$  pint per acre. For some spider mites, use  $1/8$  to  $1/4$  pint per acre. For cabbage loopers, use  $3/8$  to  $1/2$  pint per acre. For boll weevils and stink bugs, use  $1/2$  to  $3/4$  pint per acre. For salt-marsh caterpillars, use  $1/2$  to 1 pint per acre. For bollworms, cotton leaf perforators, Lygus bugs, false chinch bugs, serpentine leaf miners and southern garden leathoppers, use 1 pint per acre. Use enough water for complete coverage. Make first application when insects appear and repeat at 7 day intervals if required. If desired, this formulation may be combined with other insecticides in a complete cotton spray program.

WHEAT and BARLEY (15)—To control armyworms up to third instar, aphids (greenbugs) and winter grain mites, use  $1/4$  pint per acre. For thrips, use  $1/4$  to  $3/8$  pint per acre. For Say's plant bugs, use  $3/8$  pint per acre. For black grass bugs, stink bugs, white spider mites, leathoppers, climbing cutworms, grasshoppers and brown wheat mites, use  $1/2$  pint per acre. For chinch bugs, false chinch bugs and banks grass mites, use  $3/4$  pints per acre.

SORGHUM (12)—To control sorghum midge and greenbugs, apply at rate of  $1/2$  to 1 pint per acre, 2 applications 3 to 5 days apart when approximately 90% of the heads have completely emerged from the boot or not later than start of blooming. For corn leaf aphids, greenbugs, and mites, use  $1/4$  pint per acre. For sorghum webworms, fall armyworms, armyworms up to third instar, and corn earworms, use  $3/8$  to  $1/2$  pint per acre. To control chinch bugs, use  $3/4$  pints per acre. Leaf injury may occur on some hybrid varieties of sorghum. Spray a few rows a week or so before booting to test effects on plants.

SOYBEANS (20)—To control webworms, use  $1/4$  pint per acre. To control velvet bean caterpillars, grasshoppers, green cloverworms, two-spotted mites and stink bugs, use  $1/2$  pint per acre. To control corn earworms and fall armyworms, use  $1/2$  to  $4/5$  pint per acre. Do not apply more than twice per growing season.

SUNFLOWERS (30)—To control sunflower moth, use  $1/2$  to 1 pint per acre with 2 to 3 repeat applications at 5 day intervals. Hybrid sunflowers completely bloom in 12 to 15 days thus the initial application should be made at or set of flowering or before 10% of plants begin to flower and moth and young larvae are present.

### 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 THE PRODUCT FOR ANY PARTICULAR TRADE USAGE.

FORMULATED FOR  
PLATTE CHEMICAL CO.  
150 SO. MAIN STREET      FREMONT, NEBRASKA 68025-5697

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