

Reg # 34704-716

PM-19

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460 NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	EPA REGISTRATION NO. 34704-716	DATE OF ISSUANCE <i>October 29, 1991</i>
	TERM OF ISSUANCE Until Reregistration	
	NAME OF PESTICIDE PRODUCT Paraspray 8 Aquamul	
NAME AND ADDRESS OF REGISTRANT (Include ZIP code)		
Platte Chemical Company P.O. Box 667 Greeley, Colorado 80632		
NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.		
On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act. A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith. Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others. This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:		
1. Submit and/or cite all data or other material required for registration/reregistration of your product under FIFRA sec. 3(c)(5) or FIFRA sec. 4 when the Agency requires all registrants of similar products to submit such data.		
2. Make the following label changes:		
a. Add the phrase, "EPA Registration No. 34704-716."		
b. Revise the Restricted Use Statement to read as follows:		
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.		
<input checked="" type="checkbox"/> ATTACHMENT IS APPLICABLE		
SIGNATURE OF APPROVING OFFICIAL <i>Dennis H. Edwards</i>		DATE <i>10/29/91</i>

- c. Please delete the statements, "Not for Home Use" from the front panel of your product labeling.
- d. Please replace the words, "First Aid Treatment" with **Statement of Practical Treatment** on page one of your product labeling.
- e. Please remove the reference to **Dust** from page one of your product labeling.
- f. Please delete the indicated text from the second column on the first page of your product labeling:

Mixer/Loaders must use a... face shield or goggles, to (and including) the paragraph which begins as, Remember - this clothing is... Instructions Above.

Then proceed with the human flagger statement.

- g. Please note that the entire Statement of Practical Treatment must be on the front panel of your product labeling (refer to the 40 CFR section 156.10 for further reference).
- h. Divide the "In Case of Contact" section into two parts: "If in Eyes" and "If on Skin." Next, replace the existing directions with the subsequent precautionary directions:

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

"If on Skin: Flush skin with plenty of water. Contact Physician Immediately."
- i. In the **Environmental Hazards** section, please delete the sentence which is stated as, "Fish and other...application rates."
- j. The **Physical or Chemical Hazards** section must be revised to read as follows:

Flammable. Keep away from heat or open flame.
- k. In the **Reentry** section, after letter (f), please add the following section:

Posting of Treated Areas: Treated areas shall be posted with signs at all usual points of entry or in the corners of the treated areas affording maximum visibility. Written warnings must include the following information: **DANGER:** Area treated with Parathion on (date). Do not enter. Consult your State Agricultural Extension Service or Experiment Station regarding posting treated

areas.

- 1. In the **Protection of Applicators and Mixer-Loader** section on page two of your product labeling, please add the ensuing paragraph after the paragraph which begins as, "**Applicator Protection: The Cockpit....:**"

Maintenance Personnel Protection: The following protective clothing and equipment must be worn during repair, cleaning of application equipment, and disposal of pesticide: waterproof-suit of one or two pieces covering all parts of the body except the head, hands, and feet; heavy-duty 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.

- m. On page two of your product labeling, please delete the statement, "Dealers should sell in original packages only."
- n. On page four of your product labeling, please add the following statement to the end of the paragraph which begins as, "Remove the product..."

If you have any questions please contact the State Agricultural Extension Service for further information.

- o. Barley- your application rate exceeds the maximum rate designated in the Registration Standard. Please revise the application rate statement on this crop to "**Apply 3/4 pints per acre.**"

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

DHE

Dennis H. Edwards, Jr.
 Product Manager 19
 Insecticide-Rodenticide Branch
 Registration Division (H7505C)

enclosure

RESTRICTED USE PESTICIDE

Due to very high acute toxicity to Humans and Birds
 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, repair and cleaning of application equipment. Commercial certified applicators must also ensure that persons involved in these activities are informed of the precautionary statements.

REGISTERED
 WITH COMMENTS
 in EPA Letter Dated

PARASPRAY 8 AQUAMUL

OCT 29 1991

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, this pesticide registered under EPA Reg. No. 34761-176

ACTIVE INGREDIENTS:	BY WT.
Parathion (0,0 diethyl-0-p-nitrophenyl-phosphorothioate)	78.23%
Related Compounds	2.47%
INERT INGREDIENTS:	19.30%
TOTAL	100.00%

Contains 8 pounds parathion per gallon.

MIXER/LOADERS MUST BE A CLOSED SYSTEM AND WEAR THE FOLLOWING PERSONAL PROTECTIVE CLOTHING: Cotton or other fabric coverall worn over a long-sleeved shirt and long pants, chemical resistant boots and gloves, and when the mixing/loading system is pressurized, a chemical resistant apron and a face shield or goggles. WEAR THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT DURING REPAIR AND CLEANING OF APPLICATION EQUIPMENT AND DISPOSAL OF PESTICIDE:

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.

NOT FOR HOME USE

POISONOUS IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN OR EYES.

RAPIDLY ABSORBED THROUGH SKIN

See below for **FIRST AID TREATMENT**

and additional precautions.

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EPA EST. NO. _____

NET CONTENTS _____ GALLONS

30724

EXP09R91



**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, spray mist or dust are breathed.

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 breathe vapors. Do not get in eyes, on skin or clothing. Keep all unprotected persons and children away from treated area or where there is a 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. Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to parathion and describe his condition. After first aid is given (see First Aid Treatment Section) and if a doctor cannot come, take victim to clinic or hospital.

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.

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. WEAR THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT DURING EARLY REENTRY (NO EARLY REENTRY FOR 4 HOURS AFTER APPLICATION): Cotton or other fabric coverall worn over a long sleeved shirt and long pants, chemical resistant boots, and chemical resistant gloves, and shall take appropriate measures to prevent heat-related illness. The person must carry an eye-flush dispenser containing at least one pint of water.

APPLICATION MUST BE PERFORMED USING A FULLY ENCLOSED COCKPIT, THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT MAY BE WORN:

Clean long-sleeved shirt and long-legged pants. All other protective clothing and equipment required for use during early reentry must be available in the cockpit and must be worn when exiting into a treated area. If used for this purpose, contaminated clothing may not be brought back into the cockpit 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 THE 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.

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 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, lightness in chest, labored breathing, nervousness, sweating, watering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma.

FIRST AID 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. Never give anything by mouth to an

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unconscious person. Have victim lie down and keep quiet. See doctor immediately.

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 PATIENT IS INDICATED FOR AT LEAST 48 HOURS.

POSTING OF TREATED AREA

Consult your State Agricultural Extension Service or Experimental Station regarding posting treated areas.

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to fish and wildlife. Birds in treated areas may be killed. Fish and other aquatic organisms may be killed at recommended application rates. Do not apply directly to water or wetlands (swamps, marshes, bogs and potholes).

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.

CHEMICAL HAZARDS

Do not allow this product to drift onto adjoining food or feed crops as residues may contaminate these crops making them unfit for sale, feed or human consumption. Keep clear of food or dairy animals, or animals being finished for slaughter.

DIRECTIONS FOR USE

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

This product may only be applied aerially and only by a certified commercial applicator as defined in FIFRA 2(e)(3).

REENTRY STATEMENT

General Reentry Limitation: While an area is being treated with this product and during the first three days after treatment (six days after treatment if the crop treated is corn), or any longer period of time prescribed by State law or regulation, no person may enter or remain in the treated area or within 100 feet of the treated area.

Exception: After four (4) hours have passed since the end of the application a person may enter an area under reentry restrictions to perform scouting or maintenance-related work in accordance with the following requirements:

(a) No person shall remain in any area under reentry restrictions for a total of more than 1 hour in any 24-hour period.

(b) Before entering the treated area the person must have read the product labeling or have been informed, in a language that the person can understand, of all the requirements of the product's labeling related to human hazards or precautions, first aid, symptoms of poisoning, personal protective equipment specified for early entry, and any other labeling requirements related to safe use.

(c) The person must wear personal protective equipment consisting of a cotton or other fabric coverall worn over a long-sleeved shirt and long pants, chemical resistant boots, and chemical resistant gloves, and shall take appropriate measures to prevent heat-related illness.

(d) The person must carry an eye-flush dispenser containing at least one pint of water.

(e) A reasonably accessible decontamination site must be available with adequate supplies of potable water for washing, soap, and single-use towels. After restricted-reentry activity, the person must be provided soap, clean towels, and a sufficient amount of potable water for washing and must wash thoroughly after removing personal protective equipment.

(f) All personal protective equipment worn during restricted reentry must be laundered separately and may not be worn home.

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. NOT FOR USE OR STORAGE IN OR AROUND THE HOME.

STORAGE: Do not store below temperature of 0°F. If frozen, warm to 70°F. and redissolve before using by rolling or shaking the container. Store in safe manner. Store in original container only. Keep container tightly closed when not in use. Reduce stacking height where local conditions can effect package strength. 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 Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: 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.

DIRECTIONS FOR DILUTION

Apply specified rate in 5 to 20 gallons of water per acre.

Important: Do not use more than 2 pints of concentrate per acre.

LIMITS ON APPLICATION

Aerial Application Only: This product may only be applied aerially, and only by a certified commercial applicator as defined in FIFRA § 2(e)(3).

Areas Where Application is Prohibited: This product may not be applied within 100 feet of buildings, public roads, or bodies of water. Parathion may not be applied within 100 feet of property lines unless the owner of the adjacent property has given prior written consent to the application and has been informed of the timing of the application and the appropriate reentry requirements.

Drift Reduction Measures: Do not apply this product if the wind exceeds 10 miles per hour. Apply only from nozzles located not more than 75% of the distance from the center of the aircraft to the wing tip or helicopter rotor tip.

Notification to Land Owner: A certified commercial applicator shall not apply this product to a person's property unless the applicator has notified the person in writing no more than 12 months before the date of the application of: the requirement that crops treated with parathion be harvested mechanically; hand harvesting is prohibited; the appropriate reentry interval and the requirements concerning reentry set forth on this label; and the incident reporting requirements set forth on this label.

PROTECTION OF APPLICATORS AND MIXER-LOADERS

Applicator Protection: The cockpit of the aircraft used to apply this product must be fully enclosed while the product is being applied. No pilot may apply this product if the pilot has earlier during the day of application performed any mixing/loading activities (other than acting as an observer) involving any pesticide product containing parathion.

Mixer-loader Protection: An observer must be present during all mixing/loading activities in order to furnish assistance in the event of an accident. The observer may not act as a mixer-loader.

Any person involved in mixing/loading activities (other than the observer) must wear (1) a cotton or other fabric coverall worn over a long-sleeved shirt and long pants, (2) chemical resistant boots and gloves, and (3) when the mixing/loading system is pressurized, a chemically resistant apron and a face shield or goggles.

Effective as of January 1, 1992, this product must be mixed and loaded in a closed system, as described below:

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.

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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.

The probe system shall be screwed into the threaded opening in the top of the container to form a water tight 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.

CROP USE DIRECTIONS

This product may not be applied to any crop other than alfalfa, barley, corn, cotton, and wheat. Any treated crop may be harvested only by mechanical means; hand harvesting of a treated crop is prohibited.

Alfalfa: Spotted Alfalfa Aphid, Alfalfa Caterpillar, Grasshopper, Armyworm, Lygus Bug. Apply 3/4 pint per acre. Do not apply within 15 days of harvest.

Barley: Corn Leaf Aphids, Greenbug, Fall Armyworm, Stink Bug. Apply 1/2 pints per acre. Do not apply within 15 days of harvest.

Corn: Aphids, Corn Earworm. Apply 1 pint per acre. Do not apply within 12 days of harvest or cutting for forage.

Cotton: Aphids, Cotton Leaf Perforator, False Chinch Bug, Leafhopper, Lygus Bug, Salt Marsh Caterpillar, Spider Mite, Stink Bug. Apply 1/2 to 1 pint per acre. Do not apply within 7 days of harvest.

Wheat: Aphids, Armyworm, Blister Beetles, Winter Grain Mite, Thrips, Grasshoppers. Apply 1/4 to 3/4 pint per acre. Black Grass Bug, Brown Wheat Mite, Stink Bug, Cutworm (including Climbing Cutworms), Leafhoppers, Say Stink Bug. Apply 1/2 to 3/4 pint. Chinch Bugs, False Chinch Bug, Bank Grass Mite. Apply 3/4 pint per acre. Do not apply within 15 days of harvest.

8 1/2 / gallon
1 1/2 / pt.

NOTICE OF WARRANTY

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 the 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. Platte makes no warranties of Merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.

FORMULATED FOR

PLATTE CHEMICAL CO.

150 SO. MAIN STREET FREMONT, NEBRASKA 68025