

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 279-3128	DATE OF ISSUANCE October 31, 1991
	TERM OF ISSUANCE Until Reregistration	
	NAME OF PESTICIDE PRODUCT Aqua 8 Parathion	

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
 (Under the Federal Insecticide, Fungicide,
 and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

FMC Corporation
 1735 Market Street
 Philadelphia, PA 19103

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. 279-3128."
 - 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.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL Dennis H. Edwards	DATE 10/31/91
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- c. Please add the following statement to the "Work Safety Rules" section:

During aerial application human flaggers are strictly prohibited.

- d. Please delete the words, "First Aid Treatment" on page two of your product labeling and replace them with the words, "Statement of Practical Treatment."

Please note that the **Statement of Practical Treatment** section must appear on the front panel of your product labeling.

- e. Please divide the "In Case of Contact" statement into two different statements: **If In Eyes** and **If On Skin**.

Next, follow these phrases with the subsequent precautionary instructions.

If In Eyes: Flush eyes with plenty of water. Contact physician immediately.

If On Skin: Flush skin with plenty of water. Contact physician immediately.

- f. Please revise your **Environmental Hazards** statement to read as follows:

This pesticide is highly toxic to fish and wildlife. Birds in treated areas may be killed. Do not apply directly to water or wetlands (swamps, marshes, bogs, and potholes). Run-off and drift from target areas may be hazardous to aquatic organisms in adjacent aquatic sites. Do not contaminate water by cleaning of equipment or disposal of wastes.

- g. Alfalfa and Corn- Please revise the units of your application rates (those in ounces) to be consistent with the other application rates. For example, if the majority of the use directions are in **pints** revise all of the application rates to be in pints.
- h. Sorghum- Please revise the use direction for **1/2 quart** to read **1 pint**.

The Confidential Statement of Formula marked **Alternate** and which includes the alternate supplied by ICI Americas, Incorporated is unacceptable and will be noted as such in your product file.

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.

DTE

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

enclosure

Code 701

Net Contents

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.

Aqua 8 Parathion Insecticide

EPA Reg. No. 070-1511

EPA Est., 279-

Active Ingredients:	By Wt.
Parathion (O,O-diethyl-O-p-nitrophenyl-phosphorothioate).....	76.35%
Related Compounds.....	3.65%
Inert Ingredients:.....	20.00%
	100.00%

Contains 8 pounds of Parathion per gallon

STOP! READ THE LABEL



CAN KILL YOU

DANGER

Keep out of reach of children

POISON

See side panels for antidote and precautions

PELIGRO

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

St. pack treated
ACCEPTED with COMMENTS in EPA Letter dated

OCT 31 1991

FMC

FMC Corporation
Agricultural Chemical Group
Philadelphia PA 19103

12/88

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

279-3128



DANGER—POISON—PRECAUTIONS

POISONOUS IF SWALLOWED

This product can kill you if swallowed even in small amounts; spray mist ~~may~~ may be fatal if swallowed.



POISONOUS BY SKIN CONTACT

Poisonous if touched by hands or spilled or splashed on skin, in eyes or on clothing (liquid goes through clothes.)



POISONOUS IF BREATHED

Breathing vapors, spray mist ~~may~~ may be fatal.

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.

~~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 FIELDS:~~

~~Waterproof pants and coat heavy-duty chemical resistant gloves rubber boots or rubber overshoes head or wide brimmed hat safety goggles or face shield NIOSH approved respirator. In addition mixer/loaders must wear a chemical resistant apron when using the concentrated product. During aerial application in nonenclosed cockpits a helmet with a visor may be substituted for the head or wide brimmed hat and safety goggles or face shield requirements.~~

~~POISONOUS TO FISH AND WILDLIFE~~

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

WORK SAFETY RULES

~~IF MIXING/LOADING IS PERFORMED USING A CLOSED SYSTEM, THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT MAY BE WORN:~~

- ~~Heavy-duty gloves~~
- ~~Heavy-duty shoes~~
- ~~Safety goggles~~
- ~~Protective suit~~
- ~~Respirator~~
- ~~Headgear~~

SEE ATTACHMENT #1

- ~~Protective apron~~
- ~~Long-sleeved pants~~
- ~~Hard hat~~
- ~~Eye protection~~

INSERT HERE

~~Respirator and eye protection~~

~~Clean long-sleeved shirt and long-legged pants. All other protective clothing and equipment required for use during application must be available in the cab and must be worn when mixing and loading into treated areas. If used for this purpose, contaminated clothing may not be brought back into the cab unless in an enclosed 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 ADAPTELY DECONTAMINATED.

Respirators should be cleaned and cartridges replaced according to instructions included with respirators. Replace gloves frequently.

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, call a physician or Poison Control Center. Drink 1 or 2 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.

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 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.

FOR EMERGENCY ASSISTANCE CALL
716-735-3765

POST-TREATED AREA

Consult your State Agricultural Extension Service or Experiment Station regarding post-treatment 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. When treating lakes or other open bodies of water apply only to shallow edges. Consult with state fish and game departments before applying to public waters. Run-off and drift from target 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 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

FLAMMABLE. Keep away from heat and open flame

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling

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

~~Do not apply this product in such a manner as to directly or indirectly injure or harm other persons. The area being treated must be vacated by unprotected persons.~~

~~Reentry into treated fields before expiration of the reentry interval specified on the label is prohibited, unless the protective clothing and equipment specified on the label are used.~~

~~Because some states may require more restrictive reentry intervals for various crops, consult with your state Department of Agriculture.~~

~~Written material to be included in the worker's protective clothing information is given to workers. Oral written material must include:~~

SEE

ATTACHMENT #2

INSERT HERE

~~as expected to be used with this product, and appropriate warnings are provided by the label.~~

~~Apply to crops in accordance with label directions. Do not enter treated areas without appropriate protective clothing for (insect reentry interval listed under crop use or State Department of Agriculture reentry interval if not restrictive).~~

~~In case of accidental exposure to pesticide spray or dust, wash the skin thoroughly with soap and water. Remove contaminated clothing and wash before reuse. In case of eye contact, flush with plenty of water. If inhaled, get to fresh air immediately. Get medical attention if needed.~~

STORAGE AND DISPOSAL

Pesticide 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.

Keep out of reach of children and animals. 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. Call FMC collect: (716) 735-3765.

To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. 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

Triple rinse (or equivalent). Then mark 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.

GENERAL INFORMATION

Not for use or storage in or around the house.

Do not allow this material to drift onto neighboring crops or non-crop areas or 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.

Do not use in undiluted form. Apply as a full coverage (dilute) spray when insects first appear and repeat as required to maintain control. ~~Apply by air. Mix the recommended amount with sufficient water to provide a minimum of 1 gallon finished spray per acre. For ground application, mix the recommended amount with a minimum of 10 gallons of water to ensure coverage.~~

Observe days interval between last application and harvest indicated by (M =) following the crop.

Observe days interval between last application and reentry indicated by (R =) following the crop.

Need this

Elvis this

See 15

THIS PRODUCT MAY NOT BE APPLIED TO ANY CROP OTHER THAN ALFALFA, BARLEY, OREN, COTTON, SORGHUM, SOYBEANS, SUNFLOWER, AND WHEAT. ANY TREATED CROP MAY BE HARVESTED ONLY BY MECHANICAL MEANS; HAND HARVESTING OF A TREATED CROP IS PROHIBITED.

Alfalfa (H = 15) [R = 3]: Aphids, Armyworms, Alfalfa Caterpillar, Grasshoppers, Webworms, Alfalfa Weevil—Use 1/2 pint. California and Nevada: Use no more than 6 ounces.

Corn (H = 12) [R = 6]: Armyworm, Aphids—Use 1/2 pint. Budworm, European Corn Borer, Spider Mite, Adult Corn Rootworm—Use 1/2 pint. Corn Earworm, Chinch Bugs—Use 3/4 pint. For Corn Earworm, apply to silks as soon as insects appear. Make 3 to 4 applications at 2 to 3 day intervals as infestation warrants. Reapply immediately after rain. Climbing Cutworms, Grasshoppers, Japanese Beetles—Use 6.08 ounces per acre.

Small Grains (Barley, Oats, Wheat) (H = 15) [R = 3], Aphids, Armyworms, Grasshoppers—Use 1/2 pint. Stink Bug, Petrosia Mite, Black Grass Bug—Use 1/2 to 3/4 pint.

Cotton (H = 7) [R = 3]: Cotton Leafworms, Spider Mites, Fleahoppers, Thrips—Use 1/4 to 1/2 pint per acre. Cotton Aphids, Cabbage Loopers—Use 1/2 pint per acre. Cotton Leafperforators, Saltmarsh Caterpillars, Stink Bugs, False Chinch Bugs, Lygus Bugs—Use 1/2 to 1 pint per acre. Do not hand pick within 7 days of application.

SORGHUM (12)—To control sorghum midge, apply at rate of 1/2 pint to 1/2 quart per acre, 2 applications 3 to 5 days apart when approximately 80% of the heads have completely emerged from the boot or not later than start of blooming. For corn leaf aphids and mites, use 1/2 pint per acre. For sorghum webworms, fall armyworms, armyworms up to third instar, and corn earworms, use 3/4 to 1 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.

Reentry?
GREENBUGS

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 1/3 pint per acre. ~~To control white grub and wireworms, broadcast 1/2 pint per acre just prior to planting and thoroughly incorporate into upper 4 to 6 inches of soil. Do not apply more than twice per growing season.~~

Reentry?

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: FMC makes no warranty, expressed or implied, concerning the 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 the buyer at his own risk.

Use of Product: FMC'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, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe 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.

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 onset of flowering or before 10% of plants begin to flower and moth and young larvae are present.

ATTACHMENT #1 - (WORK SAFETY RULES)

The National Pesticide Telecommunication Network is available for recommendations regarding poisoning management, emergency treatment, and other information regarding the toxicity of parathion-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.

ATTACHMENT #2 - (DIRECTIONS FOR USE)

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

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 irrigation-related work in accordance with the following requirements:

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

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.

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.

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

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.

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

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-Methyl Parathion on (date). Do not enter. Consult your State Agricultural Extension Service or Experiment Station regarding posting treated areas.

RESTRICTIONS APPLICABLE TO ETHYL PARATHION

LIMITS ON APPLICATION

Aerial Application Only: This product may 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; 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, MIXER-LOADERS, AND MAINTENANCE PERSONNEL

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.

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.

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 a 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 chemically resistant apron and a face shield or goggles.

The liquid pesticide 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 rinseate solution. A complete seal by dry break or screw-on coupling to the opening of the original container shall be required.

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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.

Shut-off devices must be installed on the exit end of all hoses and at all disconnect points to prevent leakage of parathion when the transfer is stopped and the hose is removed or disconnected. If a hose carried parathion concentrate and has not been rinsed in accordance with the instructions in this section, a dry-couple shutoff device that will minimize parathion drippage to not more than 2 ml. per disconnect must be installed at the disconnect point. If the hose carried diluted-for-use parathion or rinsate solution, a reversing action pump or a similar system that will empty the hose and eliminate dripping of liquid from the end of the hose may be used as an alternative to a shut-off device.

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. Examples of California-listed systems are the Chemprobe® Model II system sold by Cherlor Mfg. Co., Inc., P. O. Box 2174, Salinas, CA 93902, telephone 408-422-5477 or the Protect-O-Loader Model XM-1 system sold by Protecto Mfg. Co., 20189 Firerock Road, Bend, OR 97701, telephone 503-382-6886. 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 pesticides. 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 of the container volume through the system. A minimum pressure of 15 psi shall be used for the spray rinse. Parathion containers shall be protected against excessive pressure during the container rinse operation. 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.

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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 inadvertent or unexpected human exposure to the product or illness resulting from exposure to the product, spill of the product, an investigation by Federal, State or local authorities of allegations involving drift of the product, or 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, U.S. EPA, at 202-260-3375 within seven days of becoming aware of the incident.
