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RESTRICTED USE PESTICIDE
Due to very high acute toxicity to humans and birds

For retail sale to and use only by certified commercial 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 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.

PROKIL ETHYL METHYL PARATHION 6-3

Active Ingredients:

Parathion: O,O-diethyl O-p-nitrophenyl phosphorothioate.....	<u>By weight</u> 54.99%
Related Compounds.....	2.63%
Methyl Parathion: O,O-dimethyl O-p-nitrophenyl phosphorothioate.....	27.36%
Related Compounds.....	1.44%
Inert Ingredients.....	<u>13.58%</u>
TOTAL...	100.00%

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Contains 6 lbs. parathion and 3 lbs. methyl parathion per gallon.

STOP - READ LABEL BEFORE USING
KEEP OUT OF REACH OF CHILDREN

POISON DANGER PELIGRO

Precaucion al usuario: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicado ampliamente.

SEE SIDE PANELS FOR STATEMENT OF PRACTICAL TREATMENT SECTION AND ADDITIONAL PRECAUTIONARY STATEMENTS.

NET CONTENTS _____ GALLONS

GOWAN COMPANY

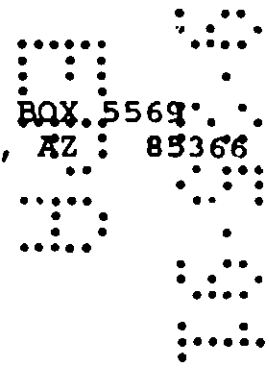
EPA REG. NO. 10163-XXX
EPA EST. NO.

P.O. BOX 5569
YUMA, AZ 85366

REGISTERED TRADEMARK
OF GOWAN COMPANY

OCT 7 1991

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
10163-173



Ethyl-methyl 6-3 p.2+3

Post-It[®] brand fax transmittal memo 7671 # of pages 2

To	Shruti Desai	From	Anne Stout
Co.	EPA	No.	90wan
Dept.	Team 19	Phone #	602-783-8844
Fax #	557-1096	Fax #	602-343-9255

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STATEMENT OF PRACTICAL TREATMENT

Call a physician or Poison Control Center immediately. Explain that the victim has been exposed to parathion and describe his condition.

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 immediately with plenty of clear water for at least 15 minutes. Get medical attention.

IF ON SKIN: Remove contaminated clothing and shoes and wash skin immediately with soap and water.

IF INHALED: Remove victim to fresh air. Apply artificial respiration if indicated. Get medical attention.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER-POISON**



POISONOUS IF SWALLOWED

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

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

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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.

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. The toll free number is 1-800-858-7378. If handled indoors, provide mechanical exhaust ventilation. Keep all unprotected persons, children, livestock, and pest 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. See STATEMENT OF PRACTICAL TREATMENT section.

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.

at work place
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, repairing 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.

Symptoms of poisoning include: headache, 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.

ENVIRONMENTAL HAZARDS

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. 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 treatment area.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame. Keep container closed. Do not heat this material above 131°F (55°C). Store at temperature above freezing to avoid crystallization.

DIRECTIONS FOR USE

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

CHEMIGATION PROHIBITION

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

REENTRY STATEMENT

CROP	REENTRY LEVEL	STATES
Corn	6 days	all
Cotton & other crops	3 days	all

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 the treated area to perform scouting or irrigation-related work in accordance with the following requirements:

(a) No person shall remain in the treated area 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.

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(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.

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 of application.) Do not enter without appropriate protective clothing for (period specified for treated crop.) In case of accidental exposure, follow instructions under STATEMENT OF PRACTICAL TREATMENT section.

LIMITS ON APPLICATION:

Aerial Application Only: Parathion 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 not more than 12 months before the date of the application of the requirement that crops treated with parathion be harvested mechanically.

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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 ethyl 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 (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.

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

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.

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Dry-break coupling 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 the State's program establishing criteria for closed-system handling of Toxicity Category I pesticides (for instance, the "Chemprobe R Model II" system sold by Cherlor Mfg. Co., Inc., P.O. Box 2174, Salinas, CA 93902, telephone (408) 422-5477) or Protector Mfg. Co., 20189 Firerock Rpo., Bend, OR 97701, telephone (503) 382-6886). The probe system shall be screwed into the threaded opening in the top of the container, 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 to cause an increase of 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.

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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 lands must notify by telephone the Chief, Compliance Branch, Office of Compliance Monitoring, US EPA, at (202) 260-3375 within seven (7) days of becoming aware of the incident.

STORAGE AND DISPOSAL

PESTICIDE STORAGE: DO NOT use or store near heat or open flame. Keep container closed. Do not heat this material above 131 F (55 C). Store at temperatures above freezing to avoid crystallization.

DO NOT contaminate water, food or feed by storage or disposal.

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.

CONTAINER DISPOSAL: (RETURNABLE): This container is the property of Gowan Company, P.O. Box 5569, Yuma, AZ 85366 and should be returned to the supplier. Customer should not attempt to remove fittings and should not attempt to rinse or dispose of the container. Direct any questions to your supplier.

CROP USE RECOMMENDATIONS

Add the specified rate of Prokil Ethyl Methyl Parathion 6-3E in 1 to 3 gallons of water per acre for aerial application.

This product may not be applied to any crop other than alfalfa, barley, 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.

ALFALFA: For control of aphids, alfalfa weevil larvae and adult weevils, alfalfa caterpillars, armyworms (up to 3rd instar), climbing cutworms, and grasshoppers; Use 1/4 to 2/3 pint per acre. For webworms, spider mites; Use 1/3 pint per acre. For tortricid moths, clover leaf weevils; Use 2/3 pint per acre. Do not spray

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during bloom period to avoid injury to honey bees. In California, apply a maximum of 1/3 pint per acre. Do not apply within 15 days of harvest, pasturing, cutting, or forage use.

~~CANOLA (For Oil): Not for use in California. For cabbage seedpod weevil; Use 1/2 to 1 pint per acre. Make first application when two or more weevils may be found per plant on young pods. Use higher rate during cool weather or where infestations are heavy. If treatment is necessary during bloom, treat only from evening to morning to protect bees. Do not apply later than 3 hours after sunrise. Do not graze treated field or feed forage and seed screenings to livestock. Do not apply within 28 days of harvest.~~

CORN (SWEET, FIELD, AND POP): For control of corn rootworm adults; Use 1/2 pint per acre. For aphids, armyworms (up to 3rd instar), fall armyworms, budworms, spider mites, and climbing cutworms; Use 1/2 pint per acre. For stink bugs; Use 3/4 pint per acre. For European corn borer control; Use 3/5 pint per acre. Apply first spray when 75% of 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 plants are well treated. Do not apply within 12 days of harvest, cutting, or forage use. Do not apply to corn during the pollen shed period. Review the reentry interval specified for this crop located in the REENTRY STATEMENT section of this label.

COTTON: For control of cotton leafworms, fleahoppers, lygus bugs, red spider mites, thrips and garden webworms; Use 1/2 pint per acre. For control of cabbage loopers, boll weevils and overwintered boll weevils; Use 2/3 to 1 1/3 pints per acre. For bollworms; Use 1 1/3 pints per acre. For aphids, cotton leaf perforators, armyworms (up to 3rd instar), stink bugs and saltmarsh caterpillar; Use 1 pint per acre. For control of s. entine leaf miner; Use 1/2 pint per acre. Application to cotton should be made at 4 to 5 day intervals until control is obtained. Do not apply within 7 days of harvest.

WHEAT - BARLEY: For control of armyworms (up to 3rd instar), fall armyworms, winter grain mites, thrips, and aphids (greenbugs); Use 1/3 pint per acre. For grasshoppers and brown wheat mites; Use 1/2 pint per acre. For climbing cutworms, leafhoppers and Say's plant bugs; Use 1/2 to 3/4 pint per acre. For chinch bugs and false chinch bugs; Use 1 pint per acre. Do not apply within 15 days of harvest, pasturing, cutting or forage use.

SORGHUM: For control of corn earworms, corn leaf aphids, false chinch bugs and sorghum webworms; Use 1/3 pint per acre. For sorghum midges; Use 2/3 pint per acre. Leaf injury may occur on some hybrid varieties of sorghum. Do not apply within 21 days of harvest, cutting or forage use.

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SOYBEANS: For control of two-spotted mites and stink bugs; Use 2/3 pint per acre. For bollworms, fall armyworms, green clover worms, velvet bean caterpillars and webworms; Use 7/8 pint per acre. Do not apply more than 2 applications per growing season. Do not apply within 20 days of harvest or forage use.

SUNFLOWERS: Sunflower seed weevil, sunflower moth, sunflower maggot, sunflower stem weevil, grasshopper; Use 7/8 pint per acre. Do not apply more than 3 times at 5 day intervals per season. Do not feed seed to birds. Do not apply within 30 days of harvest, pasturing, cutting, or foraging.

CONDITIONS OF SALE

Our recommendations for 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. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.

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