

1/9 10163-1 111-10

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.

# PROKIL PARATHION 4

Active Ingredients:	By Wt.
Parathion: O,O-diethyl O-p-nitrophenyl phosphorothioate .....	43.18%
Related Acetylcholinesterase Inhibitors of O,O-diethyl O-p-nitrophenyl phosphorothioate .....	2.07%
Inert Ingredients .....	54.75%
Contains 4 lbs. Parathion per gallon	
	100.00%

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

*red*  
**POISON**



*red*  
**DANGER PELIGRO**

See Side Panels for  
Additional Precautions

**NOT FOR HOME USE**

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

**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.

**IN CASE OF CONTACT**—Immediately flush eyes or skin with plenty of water while removing contaminated clothing and shoes. See doctor immediately.

Net Contents 5 Gallons

# Gowan Company

AGRICULTURAL CHEMICALS

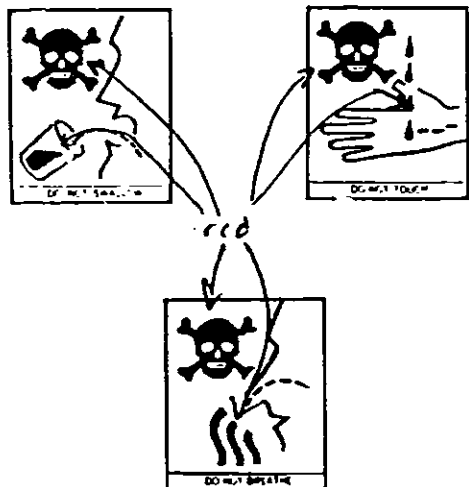
12300 E. Co. 8th Street  
P.O. Box 5696  
Phoenix, AZ 85364  
(602) 783-8844

EPA Reg. No. 10163-1-5A  
EPA Est. No. 10163-AZ-1

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(Front panel)

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**DANGER — POISON — PRECAUTIONS**

**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**

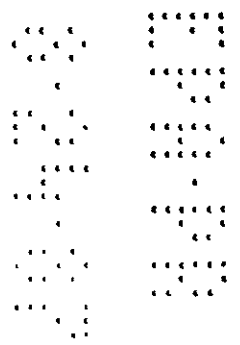
Poisonous if touched by hands or spilled or splashed on skin, in eyes or on clothing (liquid goes through clothes.)

**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 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.



Left panel

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PRECAUTIONARY STATEMENTS  
DANGER-POISON

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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, 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

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. 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. (See Statement of Practical Treatment on front panel of this label.)

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; hood 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 hood or wide-brimmed hat and safety goggles or face shield requirements.

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

Heavy-duty chemical resistant gloves; chemical resistant apron, long-sleeved shirt (or gauntlets and short sleeve shirt) and long-legged pants; shoes and socks.

Safety goggles or a faceshield must be worn when the system is under pressure. All other protective clothing and equipment required for use with open systems must be available nearby.

IF APPLICATION IS PERFORMED USING AN ENCLOSED CAB OR COCKPIT, THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT MAY BE WORN AS AN ALTERNATIVE:

Right panel #1  
(Incorporate into side panel)

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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 exiting the cab into treated areas. If used for this purpose, contaminated clothing may not be brought back into the cab unless in an enclosure such as a plastic bag.

REMEMBER- THIS CLOTHING IS 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.

#### 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.

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.

Refer to product labeling for use restrictions to protect ENDANGERED SPECIES.

#### PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame. Keep container closed. NOTE TO USER: Do not heat this material above 131°F (55°C). Store at temperatures above 32°F (0°C) to avoid crystallization.

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**DIRECTIONS FOR USE**

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

**RE-ENTRY STATEMENT**

Reentry into apple, citrus, peach, nectarine or grape fields in the states of Arizona, California, Nevada, New Mexico, Oklahoma, Texas, and Utah is prohibited for seven days after the end of application, unless all protective clothing and equipment required for early reentry as described elsewhere on the label is worn. Reentry into all other treated areas is prohibited for 48 hours after end of application, unless all required protective clothing and equipment is worn."

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written and oral warnings must include the following information: DANGER—Area treated with Prokal Parathion 4 on (date of application). Do not enter without appropriate protective clothing for 48 hours. In case of accidental exposure, follow instructions under Statement of Practical Treatment section.

**STORAGE AND DISPOSAL**

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 32°F (0°C) 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 residue 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 or local authorities.

**CROP USE DIRECTIONS**

Use only according to instructions listed on the attached booklet/folder.

**BEST AVAILABLE COPY**

RQ, PARATHION MIXTURE, LIQUID, POISON B, NA 271

Right Panel # 3 (For Right)

# PROKIL PARATHION 4

## Directions For Use

EPA Reg. No. 10163-1 AA  
EPA Est. No. 10163-AZ-1

*Gowan Company*

P.O. Box 5696

Yuma, Arizona 85364

PROKIL PARATHION-4 is an emulsifiable concentrate for use in the control of certain insects and mites as specified. This product is for use only by thoroughly trained operators familiar with the handling of hazardous insecticides and is to be applied only by power sprayer or by aircraft. When applied use sufficient water for good coverage (5-10 gals. per acre by aircraft or 20-100 gals. by ground equipment.)

**READ ENTIRE LABEL.** Use strictly in accordance with dangers, cautions, warnings and directions, and with applicable State and Federal regulations. Timing may vary greatly between districts, as a consequence of local weather or conditions. Always follow the recommendations of State Agricultural Extension Service concerning specific usage.

**BEANS:** Aphids, Flea beetles, Armyworms (up to 3rd instar), Leafhoppers, Red spider mites, Thrips—Apply 1½ pints per acre in sufficient water to cover. DO NOT apply within 15 days of harvest.

**BEETS:** Flea beetles, Armyworms (up to 3rd instar), Aphids, Red spider mites—Apply 1½ pints per acre in sufficient water to cover. DO

NOT apply within 15 days of harvest. (1½ days if tops are to be used for food or feed.)

**BROCCOLI:** Aphids, Flea beetles, Cucumber Beetles, Armyworms (up to 3rd instar), Leafhoppers (immature)—Apply 1 pint per acre in sufficient water to cover. DO NOT apply within 7 days of harvest.

**CABBAGE:** Flea beetles, Armyworms (up to 3rd instar), Leafhoppers (immature), Thrips, Aphids—Apply 1 pint per acre in sufficient water to cover. DO NOT apply within 10 days of harvest.

**CARROTS:** Aphids—Apply 1½ to 2 pints (1 pint in California) per acre in sufficient water to cover. DO NOT apply within 15 days of harvest. Do not use treated tops for food or feed.

**COTTON:** Stink bugs, Leafhoppers, Red spider mites—Apply 1 to 2 pints per acre in sufficient water to cover. DO NOT apply within 5 days of hand picking. Workers entering fields within 48 hours should wear protective clothing. DO NOT apply within 7 days of hand picking or harvest.

**CUCUMBERS:** Flea beetles, Cucumber Beetles, Leafminers, Aphids—Apply 1 pint per acre in sufficient water to cover. DO NOT apply within 15 days of harvest. DO NOT apply before vining.

**GRASS:** Armyworms, Aphids—Apply 1-1.6 pints in sufficient water to cover. DO NOT apply within 15 days of harvest or grazing.

**LETTUCE (head):** Aphids, Leafhoppers (immature), Armyworms (up to 3rd instar), Leafminers—Apply 1 pint per acre in sufficient water to cover. DO NOT apply within 7 days of harvest.

**SQUASH (winter & summer):** Flea beetles, Aphids, Leafminers—Apply 1 pint per acre in water sufficient to cover. DO NOT apply within 15 days of harvest.

**STRAWBERRIES:** Lygus bugs, Red spider mites, Leafhoppers—Apply 1 pint per acre in sufficient water to cover. DO NOT apply within 14 days of harvest.

**SUGAR BEETS:** Aphids, Armyworms, Blister Beetles, Flea Beetles, Leafhoppers, Leafminers, Wireworms—Use 1-1 3/5 pts. per acre. DO NOT apply within 15 days of harvest.

**TOMATOES:** Leafminers, Armyworms (up to 3rd instar), Leafhoppers, Red spider mites—Apply 1 to 2 pints per acre in sufficient water to cover. DO NOT apply within 10 days of harvest.

**VETCH, ALFALFA, C**  
nyw... G...  
... in sufficient wa  
... apply within 15 days.

**WHEAT, OATS, BARL**  
Armyworms...  
... per acre in sufficient  
... apply within 7 days.  
**PROKIL PARATHION**  
**THE FOLLOWING:**  
Toxaphene, Thionin,  
Guthion, Phostoxon,  
Dyl-x

**BEST AVAILABLE**

### NOTICE ON CO

Our recommendations are based upon tests. The use of this product is not a warranty or the results of the manufacturer's practice. The buyer must follow the manufacturer's instructions, including any other materials.

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before using this pesticide on wheat, oats, barley, or cotton in the counties listed below, you must obtain the PESTICIDE USE BULLETIN FOR PROTECTION OF ENDANGERED SPECIES for the county in which the product is to be used. The bulletin is available from your County Extension Agent, State Fish and Game Office, or your pesticide dealer. Use of this product in a manner inconsistent with the PESTICIDE USE BULLETIN FOR PROTECTION OF ENDANGERED SPECIES is a violation of Federal laws.

"ALABAMA

COLBERT, GREENE, JACKSON, LAMAR, LAUDERDALE, LIMESTONE, MADISON, MARSHALL, MORGAN, PICKENS AND SUMTER

ARIZONA

GRAHAM, MARICOPA, MOHAVE, PIMA, PINAL AND SANTA CRUZ

ARKANSAS

BENTON, CLAY, CLARK, CROSS, LAWRENCE, LEE, POINSETTE, POLK, RANDOLPH, SHARP AND ST. FRANCIS

CALIFORNIA

BUTTE, COLUSA, GLENN, IMPERIAL, KERN, MERCED, MODOC, INYO, LOS ANGELES, MODOC, ORANGE, RIVERSIDE, SACRAMENTO, SAN BERNARDINO, SAN DIEGO, SANTA BARBARA, SOLANO, STANISLAUS, SUTTER, TEHAMA, YOLO AND VENTURA

FLORIDA

ALACHUA, BAKER, BRADFORD, BREVARD, BROWARD, CHARLOTTE, CITRUS, CLAY, COLLIER, COLUMBIA, DADE, DE SOTO, DIXIE, DUVAL, FLAGLER, GADSDEN, GILCHREST, GLADES, HARDEE, HENDRY, HERNANDO, HIGHLANDS, HILLSBOROUGH, INDIAN RIVER, JEFFERSON, LAFAYETTE, LAKE, LEE, LEON, LEVY, MADISON, MANATEE, MARION, MARTIN, MONROE, NASSAU, ORANGE, OKEECHOBEE, OSCEOLA, PALM BEACH, PASCO, PINELLAS, POLK, PUTNAM, ST. JOHNS, ST. LUCIE, SARASOTA, SEMINOLE, SUMTER, SUWANNEE, TAYLOR, UNION, VOLUSIA AND WAKULLA

GEORGIA

BRANTLEY, BRYAN, BULLOCH, BURKE, CAMDEN, CANDLER, CHARLTON, CHATHAM, EFFINGHAM, EMANUEL, EVANS, GLASCOCK, GLYNN, JEFFERSON, JENKINS, JOHNSON, LIBERTY, LONG, MCINTOSH, PIERCE, RICHMOND, SCREVEN, WARE, WASHINGTON AND WAYNE

KANSAS

CLARK, COMANCHE, MEADE AND STAFFORD

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KENTUCKY

BALLARD, BUTLER, EDMUNDSON, GREEN, HART, JACKSON, LAUREL, LIVINGSTON, MARSHALL, McCRACKEN, McCREARY, PULASKI, ROCKCASTLE, TAYLOR, WARREN AND WAYNE

MISSISSIPPI

CLAIBORNE, COPIAH, HINDS, ITAWAMBA, LOWNDES, MONROE AND NOXUBEE

MISSOURI

BARRY, BENTON, CAMDEN, CHRISTIAN, DALLAS, GREENE, HICKORY, JASPER, LAWRENCE, MILLER, NEWTON, OSAGE, POLK, ST. CLAIR, STONE AND WEBSTER

MONTANA

GARFIELD, MCCONE, SHERIDAN AND VALLEY

NEBRASKA

BOYD, BROWN, BUFFALO, BUTLER, CASS, CEDAR, COLFAX, DAWSON, DODGE, DOUGLAS, HALL, HAMILTON, HOLT, HOWARD, KEARNEY, KEYS PAHA, KNOX, MERRICK, NANCE, PHELPS, PLATTE, POLK, ROCK, SARPY AND SAUNDERS

NEVADA

CLARK

NEW MEXICO

CHAVES, DEBACA AND EDDY

NORTH CAROLINA

EDGECOMBE, NASH AND PITT

NORTH DAKOTA

RANSON, BOTTINEAU, BURKE, BURLEIGH, DIVIDE, DUNN, EDDY, EMMONS, FOSTER, KIDDER, LOGAN, MCHENRY, MCINTOSH, MCKENZIE, MCLEAN, MERCER, MORTON, MOUNTRAIL, NELSON, OLIVER, PIERCE, RAMSEY, RANVILLE, ROLETTE, SHERIDAN, SIOUX, STUTSMAN, TOWNER, WARD, WELLS AND WILLIAMS

OHIO

PICKAWAY

OKLAHOMA

DELAWARE, MCCURTAIN AND PUSHMATAHA

OREGON

LAKE

SOUTH CAROLINA

AIKEN, BARNWELL, BEAUFORT, BERKELY, CHARLESTON, COLLETON, DORCHESTER, GEORGETOWN, HAMPTON, HORRY, JASPER AND MARION



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SOUTH DAKOTA

CLAY, HAAKON, HUGHS, POTTER, STANLEY, SULLY, UNION, WALWORTH, YANKTON  
AND ZIEBACH

TENNESSEE

BEDFORD, BLOUNT, CLAIBORNE, DECATUR, FRANKLIN, HANCOCK, HARDIN, HAWKINS,  
HICKMAN, KNOX, LAWRENCE, LINCOLN, LOUDON, MARSHALL, MAURY, MEIGS,  
MONROE, RHEA, ROANE, SCOTT, SEQUATCHIE, SMITH, SULLIVAN, TROUSDALE AND  
WAYNE

TEXAS

ARANSAS, AUSTIN, BASTROP, BURLESON, CAMERON, COLORADO, COMAL,  
FORT BEND, GOLIAD, HARRIS, HAYS, JEFF DAVIS, PECOS, REEVES,  
REFUGIO AND VICTORIA

UTAH

UTAH AND WASHINGTON

VIRGINIA

LEE, RUSSELL, SCOTT, SMYTH, TAZEWELL, WASHINGTON AND WISE"