

Reg 4 10163-7  
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JUL 27 1984

Ms. B. M. Bowman  
Gowan Company  
P.O. Box 5696  
Yuma, AZ 85364

Dear Ms. Bowman:

Subject: Prokill Methyl Parathion 5  
EPA Registration 10163-7  
General Revision of Label  
Your Application Dated June 4, 1984

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

Submit five copies of final printed labeling before you release the product for shipment incorporating the comment listed below.

Your headings "Precautionary Statements" and "Hazards to Humans and Domestic Animals" must be placed at the beginning of your precautionary statements for this product. Note your Statement of Practical Treatment must be placed on the front panel of your label.

Sincerely yours,

Jay S. Ellenberger  
Product Manager (12)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767)

Enclosure

RD-IRB:Ellenberger:DCR-28564:WANG-0221K:mar:Raven:479-2013:7/12/84:Del  
7/27/84

CONCURRENCES								
SYMBOL ▶								
SURNAME ▶								
DATE ▶								

### 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.

### 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 relapse have been reported after initial improvement. VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS



### 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, dizziness, weakness, blurred vision, pinpoint pupils, tightness in chest, labored breathing, nervousness, sweating, watering of eyes, drooling or frothing at mouth, and nose muscle spasms and coma.



## RESTRICTED USE PESTICIDE

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.

STOP-READ LABEL BEFORE USING!

Keep Out of Reach of Children

**POISON**

*Not for Home Use*



**DANGER**

with COMMENTS

**PELIGRO**

JUL 27 1984

Under the Federal Insecticide, Fungicide, and Rodenticide Act, this pesticide is registered under EPA Reg. No. 10163-XX.

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

See SIDE PANELS for STATEMENT OF PRACTICAL TREATMENT Section and Additional Precautionary Statements

## PROKIL Methyl Parathion 5

Active Ingredients:

\*O,O-dimethyl O-p-nitrophenyl phosphorothioate..... 52.60%

Related Compounds..... 2.77%

Inert Ingredients:..... 44.63%

Total 100.00%

Contains 5 lbs. \*Methyl Parathion per gallon.

NET CONTENTS \_\_\_\_\_ GALLONS

**Gowan Company**

EPA Reg. No. 10163-XX AGRICULTURAL CHEMICALS  
EPA Est. No. 10163-XX

**BEST AVAILABLE COPY**

Co.  
12300 E. 8th Street  
P.O. Box 5696  
Yuma, AZ 85364  
(602) 703-0844



HAZARD

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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

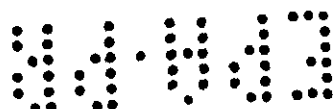
Breathing vapors, spray mist or dust may be fatal.

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

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.

### USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE EQUIPMENT AND CLOTHING

(1) Wear water-proof pants, coat, hat, rubber boots or rubber overshoes. (2) Wear safety goggles. (3) Wear mask or respirator approved by the Mining Enforcement and Safety Administration. (4) Wear heavy duty, natural rubber gloves.



## (SEE STATEMENT OF PRACTICAL TREATMENT Section).

**IMPORTANT!** Before removing gloves, wash them with soap and water. Always wash hands, face and arms with soap and water before smoking, eating or drinking.

**AFTER WORK.** Take off all work clothes and shoes. Shower, using soap and water. Wear only clean clothes when leaving job. Do not wear contaminated clothing. Wash protective clothing and protective equipment with soap and water after each use. Respirator should be cleaned and filter replaced according to instructions included with respirator.

### ENVIRONMENTAL HAZARDS

This product is toxic to fish, shrimp, crabs, birds, and other wildlife. Birds and other wildlife in treated areas may be killed. Do not apply directly to water. Do not apply when weather conditions favor drift from areas treated. **DO NOT** apply where runoff is likely to occur. **DO NOT** contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on the label.

**THIS PRODUCT IS HIGHLY TOXIC TO BEES** exposed to, direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

### 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 temperatures above 65°F (18.3°C) to avoid crystallization.

### DIRECTIONS FOR USE

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

### RE-ENTRY STATEMENT

Do not enter treated areas for 48 hours unless appropriate protective clothing is worn. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

information: DANGER—Area treated with Methyl Parathion

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 65°F (18.3°C) to avoid crystallization.

**DO NOT CONTAMINATE** water, land or food 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 and local authorities.

### CROP USE DIRECTIONS

Use only according to instructions on back panel.

**BEST AVAILABLE COPY**

rev/app

METHYL PARATHION MIXTURE, LIQUID,  
POISON B, NA 2783

# PROKIL METHYL PARATHION 5

## — DIRECTIONS FOR USE —

PROKIL METHYL PARATHION 5 is an emulsible solution containing 5 pounds methyl parathion per gallon, 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 sprayers or by aircraft. When applied use sufficient water for good coverage. By Aircraft 5-10 gallons per acre; and by ground equipment 20 or more gallons per acre.

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

**ALFALFA:** Spotted alfalfa aphid—Apply 3/5 pint per acre in sufficient water for good coverage. DO NOT APPLY within 15 days of cutting or pasturing.

**SEED ALFALFA:** Lygus bugs—Apply 1 to 2 pints per acre in sufficient water to cover. DO NOT apply within 20 days of harvest.

**BEANS, DRY:** Aphids, Armyworms (up to 3rd instar), Flea Beetles, Mites—Apply 1 3/5 - 2 2/5 pints per acre. DO NOT apply within 15 days of harvest.

**BEANS, GREEN:** Aphids, Armyworms (up to 3rd instar), Flea Beetles, Mites—Apply 1 3/5 - 2 2/5 pints per acre. DO NOT apply within 21 days of harvest.

**BEETS:** Armyworms (up to 3rd instar), Leafhoppers, Red spider mites—Apply 3/4 to 1 1/2 pints per acre in sufficient water to cover. DO NOT apply within 15 days of harvest or within 21 days if tops are to be used for feed or food.

**BROCCOLI, BRUSSEL SPROUTS, CABBAGE:** Aphids, Armyworms (up to 3rd instar), Flea beetles, Thrips, Red spider mites—Apply 1 to 2 pints per acre in sufficient water to cover. Loopers (Immature)—Apply 1 3/5 to 2 pints per acre in sufficient water to cover. DO NOT apply within 21 days of harvest.

**SUGAR BEETS:** Armyworms (up to 3rd instar), Fleabeetles, Red spider mites, Leafhoppers—Apply 0.6 pint per acre in sufficient water to cover. DO NOT apply within 20 days of harvest. DO NOT treat within 60 days of harvest if tops are to be fed to livestock.

**COTTON:** Stink bugs, Red spider mites—Apply 1/2 to 2 pints per acre in sufficient water to cover. DO NOT APPLY WITHIN 15 days of harvest. Workers entering treated fields within 48 hours after applications should wear protective clothing.

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

**CELERY, PEAS, PEPPERS, LETTUCE, SPINACH:** Aphids, Armyworms (up to 3rd instar), Flea beetles, Leafhoppers, Red spider mites—Apply 1/2 to 1 1/2 pints per acre in sufficient water to cover. DO NOT APPLY to Celery, Peas, Peppers within 15 days of harvest. DO NOT APPLY to Lettuce and Spinach within 21 days of harvest.

**TOMATOES:** Aphids, Armyworms (up to 3rd instar), Fleabeetles—Apply 0.8 to 2.4 pts. per acre. DO NOT apply within 15 days of harvest when applying more than 0.8 pts. per acre.

PROKIL METHYL PARATHION 5 IS COMPATIBLE WITH THE FOLLOWING: Pyrethrum, Oils, Dinitros, Methoxychlor, Perthane, Toxaphene, Tedion, Thiadan, Kelthane, Chlorobenzilate, Malathion, Guthion, Phosdrin, Dibrom, Bidrin Phosphamidon, Vapona, Cygon, Dilox, Thion, Triethion, Delnav, Diazinon, Sevin.

## NOTICE ON 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.

P.O. Box 564 Gowan Company  
YUMA, ARIZONA 85364 AGRICULTURAL CHEMICALS

E.P.A. Reg. No. 101647-AA  
E.P.A. Est. No. 101647-1