

JUN 25 1984

Betsy M. Bowman
Gowan Company
P.O. Box 5696
Yuma, AZ 85304

Dear Ms. Bowman:

Subject: Application for Amended Registration
Prokil Ethyl-Methyl Parathion 6-3E
EPA Registration No. 10163-3
Your Application Dated May 31, 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 final printed labeling before you release the product for shipment.

Sincerely yours,

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

Enclosure

PD/IRB:DCR-28543:Ellenberger:eq:Raven:557-2226:RD-54:6/15/84:Del.6/30/84

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 relapses have been reported after initial improvement. VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 36 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.

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
PELIGRO

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 ETHYL-METHYL PARATHION 6-3 E

Active Ingredients:	By Wt.
Parathion: O,O-diethyl O-p-nitrophenyl phosphorothioate	54.99%
Related Compounds	2.63%
Methyl Parathion: O, O-dimethyl O-p-nitrophenyl phosphorothioate ..	27.36%
Related Compounds	1.44%
Inert Ingredients	13.58%
Total	100.00%

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

Gowan Company

EPA Reg. No. 10163-3 AA AGRICULTURAL CHEMICALS
EPA Est. No. 10163-AZ-1

P.O. Box 5696
12300 E. County 8th St.
(602) 783-8844
Yuma, AZ 85364

NET CONTENTS _____ GAL. **ACCEPTED**
with COMMENTS
In EPA Letter Dated:

JUN 25 1984

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

10163 3

Some of the signs and symptoms of poisoning are: Headache, nausea, vomiting, cramps, weakness, blurred vision, pinpoint pupils, tightness in chest, labored breathing, nervousness, sweating, watering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma



☠ 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

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 for parathion protection (4) Wear heavy duty natural rubber gloves

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.

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! 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 and 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 treated areas. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply only as specified on label.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Additional 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 material above 100°C (212°F). Store above freezing temperatures to avoid crystallization.

DIRECTIONS FOR USE

It is a violation of Federal regulations 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 conditions may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or 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 shall 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 parathion (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.

BEST AVAILABLE COPY

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 above freezing temperatures 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.

CROP USE DIRECTIONS

Use only as directed on the label.

rev/app ———

PARATHION MIXTURE, LIQUID, POISON
B, NA 275, RQ

SEED ALFALFA Aphids, Armyworms (up to 3rd instar), Grasshoppers—Apply $\frac{1}{2}$ to $\frac{3}{4}$ pint (normal) $\frac{1}{2}$ pint per acre in sufficient water to cover. DO NOT apply within 15 days of harvest or grazing. Treat only at night or early morning, when bee activity is minimal.

SEED ALFALFA Aphids, Armyworms (up to 3rd instar), Grasshoppers—Apply $\frac{1}{2}$ to $\frac{3}{4}$ pint per acre in sufficient water to cover. DO NOT apply within 15 days of harvest or grazing. Treat only at night or early morning, when bee activity is minimal.

ARTICHOKES Aphids—Apply $\frac{1}{2}$ pint per acre in sufficient water to cover. DO NOT apply within 7 days of harvest.

BEANS Aphids, Armyworms (up to 3rd instar), Leafhoppers, Leafminers, Red Spider Mites, Thrips—Apply $\frac{1}{2}$ to $\frac{3}{4}$ pint per acre in sufficient water to cover. DO NOT apply within 21 days of harvest for green beans and 15 days for dry beans.

BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER Aphids, Fleabeetles, Armyworms (up to 3rd instar), Loopers (immature), Thrips—Apply $\frac{1}{2}$ to $\frac{3}{4}$ pint per acre in sufficient water to cover. DO NOT apply within 21 days of harvest.

BEETS, Fleabeetles, Aphids—Apply $\frac{1}{2}$ pint per acre in water to cover. DO NOT apply within 15 days of harvest or 21 days if tops are to be used for food or feed.

TOMATOES, POTATOES Aphids, Armyworms (up to 3rd instar), Fleabeetles, Leafhoppers, Leafminers, Red Spider Mites—Apply $\frac{1}{2}$ to $\frac{3}{4}$ pint per acre in sufficient water to cover. DO NOT apply to tomatoes within 15 days of harvest and to potatoes within 5 days of harvest.

CARROTS Aphids, Leafhoppers, Leafminers—Apply $\frac{1}{2}$ to $\frac{3}{4}$ pint per acre in sufficient water to cover. DO NOT apply within 15 days of harvest. When treating, do not use treated tops for food or feed.

CELERY, PEPPERS Aphids (immature), Leafminers, Thrips—Apply $\frac{1}{2}$ pint per acre in sufficient water to cover. DO NOT apply to peppers within 15 days of harvest. DO NOT apply to celery within 30 days of harvest.

PEAS, SPINACH Aphids, Armyworms (up to 3rd instar), Leafminers, Thrips—Apply $\frac{1}{2}$ pint per acre in sufficient water to cover. DO NOT apply to peas within 15 days of harvest. DO NOT apply to spinach within 21 days of harvest.

CORN Corn rootworm adults—Apply $\frac{1}{2}$ pint per acre in water to cover. DO NOT apply 12 days prior to harvest or cutting for forage.

COTTON Bollworm, Tobacco Budworm—Apply 1.3-5 pints per acre in sufficient water to cover. Aphids, Armyworms (up to 3rd instar), Leafhoppers, Red Spider Mites—Apply $\frac{1}{2}$ to 1 pint per acre in sufficient water to cover. DO NOT hand pick or harvest within 7 days of application. Workers entering treated fields within 48 hours of application should wear protective clothing.

GRAINS (Wheat, Oats, Barley): Aphids—Apply $\frac{1}{2}$ to $\frac{3}{4}$ pint per acre in sufficient water to cover. DO NOT apply to barley and oats within 15 days of harvest or to wheat after heads begin to form.

LETTUCE Aphids, Cabbage Loopers (immature), Armyworms (up to 3rd instar), Leafminers, Thrips—Apply $\frac{1}{2}$ to $\frac{3}{4}$ pint per acre in sufficient water to cover. DO NOT apply within 21 days of harvest.

ONIONS Thrips—Apply $\frac{1}{2}$ pint per acre in sufficient water to cover. DO NOT apply within 15 days of harvest.

STRAWBERRIES Red Spider Mites—Apply $\frac{1}{2}$ pint per acre in sufficient water to cover. DO NOT apply within 14 days of harvest.

SUGAR BEETS: Fleabeetles, Red Spider Mites, Armyworms (up to 3rd instar)—Apply $\frac{1}{2}$ to $\frac{3}{4}$ pint per acre in sufficient water to cover. DO NOT apply within 20 days of harvest or within 60 days if tops are to be fed to livestock.

PROKIL ETHYL METHYL 63E IS COMPATIBLE WITH THE FOLLOWING
 Pyrethrum, Oils, Dinitros, Methoxychlor, Perthane, Toxaphene, Tedion, Thiodan, Kelthane, Chlorobenzilate, Malathion, Guthion, Phosdrin, Dibrom, Bidrin, Phosphamidon, Vapona, Cygon, Dylax, Ethion, Trithion, 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 sale 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 5696
 YUMA, ARIZONA 85364

Gowan Company
 AGRICULTURAL CHEMICALS

E.P.A. Reg. No. 101-33-AX
 E.P.A. Use No. 101-33-1

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