

**CAN KILL YOU IF SWALLOWED**

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



**CAN KILL YOU BY SKIN CONTACT**

This product can kill you if touched by hands or spilled or splashed on skin, in eyes or on clothing (liquid gas goes through clothes).



**CAN KILL YOU IF BREATHED**

This product can kill you if vapors, spray or dust are breathed.

**POISONOUS TO FISH AND WILDLIFE**

This product is toxic to fish and wildlife. Birds and other wildlife in treated areas may be killed. Keep out of any body of water. Do not apply when weather conditions favor drift from treated areas. Do not apply where runoff is likely to occur.

FPA EST. 5967-CA-1

MANUFACTURED BY

**MOYER CHEMICAL COMPANY**

1310 BAYSHORE HIGHWAY P. O. BOX 945 SAN JOSE, CALIFORNIA

**ACCEPTED**

**STOP! READ THE LABEL**

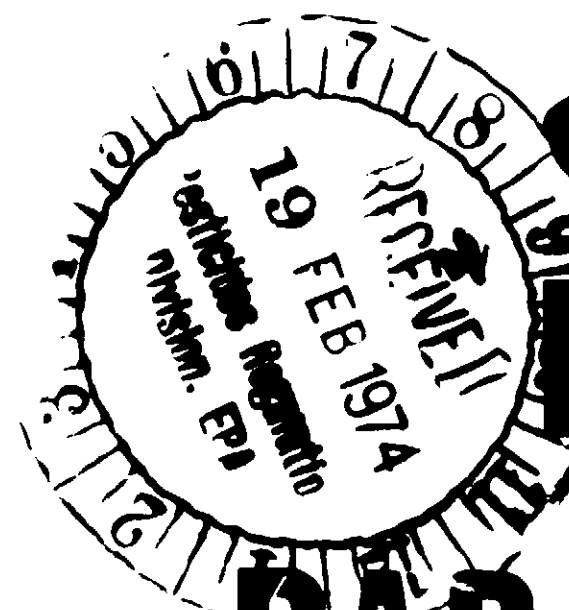
**POISON**

See side panels for antidote and precautions



**DANGER**

Keep out of reach of children



**CAN KILL YOU**

**PARATHION 25-W**

ACTIVE INGREDIENT

Parathion\*

By Weight

25.00%

INERT INGREDIENTS

75.00%

TOTAL

100.00%

\*0-0-diethyl O-p-nitrophenyl Thiophosphate

**SEE BOOKLET INSIDE FOR DIRECTIONS FOR USE**

LABEL No. 1-3-11/72

protection. (ber gloves.

WO

Keep all unpr from treated of drift.

Do not rub feel sick in right away. hospital—imm has been exp condition. Af Treatment Sec take victim t:

IMPORTANT! them with soa face and arr smoking, eati

AFTER WOR shoes. Showe only clean cl wear contami clothing and and water af be cleaned a instructions in



PARATHION rapidly enters surface and e terial must b persons must or they may c

Some of the are: Headache ness, blurred v chest, labored watering of ey and nose, mus

goggles. (3) Wear mask or respirator approved by the U.S. Bureau of Mines for parathion protection. (4) Wear heavy duty, natural rubber gloves.

## WORK SAFETY RULES

Keep all unprotected persons and children 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. Call a doctor (physician), clinic or hospital—immediately. Explain that the victim has been exposed to parathion and describe his condition. After first aid is given (see First Aid Treatment Section) and if a doctor cannot come, take victim to clinic or hospital.

**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.

## POISON SIGNS (Symptoms)

PARATHION is a very dangerous poison. It rapidly enters the body on contact with all skin surface 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.

tor sees victim.

**IF SWALLOWED** and victim is awake (conscious) make him vomit quickly. Induce vomiting by sticking finger down throat or by giving soapy or strong salty water to drink. Repeat until vomit is clear. Never give anything by mouth to an unconscious person. Have victim lie down and keep quiet. See doctor immediately.

**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 the central and peripheral nervous systems and producing cardiac and respirator 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 HOURS.**

## POST TREATED AREA

Consult your State Agricultural Extension Service or Experiment Station regarding posting treated areas.

## CONTAINER DISPOSAL

See accompanying product information label.

## CROP USE DIRECTIONS

Use only according to accompanying label DIRECTIONS FOR USE.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Co-operative Agricultural Extension Service.

## DISPOSAL

Do not contaminate water by cleaning of equipment or disposal of wastes. Rinse equipment and containers and **DISPOSE OF WASTES** by burying at least 18 inches deep in non-crop lands away from water supplies. Do not re-use container; smash or perforate and bury with wastes.

**DO NOT CONTAMINATE FEED OR FOOD-STUFFS. DO NOT USE IN UNDILUTED FORM. DO NOT STORE BELOW 0° F.**

**DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME. KEEP CONTAINER CLOSED. LEAKING PACKAGES SHOULD BE REMOVED TO A SAFE PLACE.**

Do not apply when weather conditions favor drift from the areas treated. Do not apply when runoff is likely to occur. Do not 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.

**Dealers Should Sell In Original Packages Only.**

**NOTICE TO BUYER** — Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions.

— NON-RETURNABLE —

**NET CONTENTS ..... LBS.**



MAR 19 1974

UNDER THE FEDERAL INSECTICIDE  
FUNGICIDE AND RODENTICIDE ACT  
FOR ECONOMIC POISON REGISTERED  
UNDER NO. 5967-65

**DORMANT SPRAYS:** For use as a dormant or delayed-dormant spray on deciduous fruit trees to control Aphid eggs, Spider Mite eggs, Scale and Overwintering Twig Borer, use at the rate of 2 pounds per 100 gallons of water with the addition of the correct amount of the proper oil. Consult your Cooperative Agricultural Extension Service for the proper oil dosage in your area.

**USE PRECAUTIONS:**

Do not permit workers to enter the treated area where substantial contact will be made with treated foliage until following indicated days have lapsed after application: Grapes, 21; Peaches and Nectarines, 21; Citrus, 30.

**COMPATABILITY** — Avoid combinations containing highly alkaline materials such as lime-sulfur solutions or lime. Alkaline compounds will reduce the effectiveness of Parathion.

**NOTICE TO BUYER**—Seller makes no warranty, expressed or implied, concerning the use of this product other than indicated on the label. Buyer assumes all risk of use and/or handling of this material when such use and/or handling is contrary to label instructions. **NON-RETURNABLE**

**DIRECTIONS FOR MIXING**

Mix in water with agitation; agitate while spraying. Use designated amount of product in the following gallons of water per acre, unless otherwise noted: Vegetable and Field Crops—20 to 250 gallons by ground, 5 to 10 gallons by air. Small Fruits—20 to 250 gallons by ground, 7 to 10 gallons by air. Tree Fruits—40 to 800 gallons by ground, 10 to 20 gallons by air. Citrus—100 to 3,000 gallons by ground, 10 to 20 gallons by air. On young fruit trees, use a minimum of 20 gallons by ground per acre.

**POISONOUS TO FISH AND WILDLIFE**

This product is toxic to fish, birds and other wildlife. Birds feeding on treated areas may be killed. Keep out of lakes, streams or ponds. Do not apply where run-off is likely to occur.

Do not apply when weather conditions favor drift from areas treated.

Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

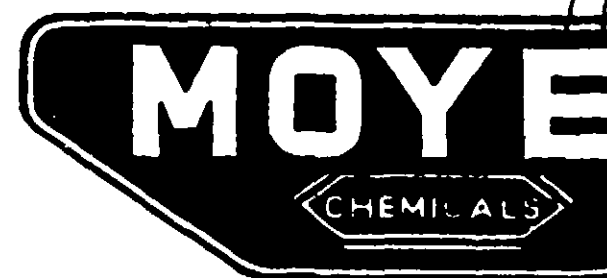
**EPA REG. NO. 5967-62 AA**  
**EPA EST. 5967-CA-1**

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MANUFACTURED BY

**MOYER CHEMICAL COMPANY**

1310 Bayshore Highway P.O. Box 945 San Jose, California



**Parathion**

**DANGER--POISON**

**Keep Out of Reach of Children**

**SEE CONTAINER LABEL FOR PRECAUTIONS, DIRECTIONS, AND DANGER STATEMENTS**

**READ ENTIRE LABEL AND INSTRUCTIONS. USE STRICTLY IN ACCORDANCE WITH DANGER STATEMENTS AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.**

**Keep Pesticides In Original Containers**  
Completely empty containers are hazardous waste pesticide and contain residual pesticide. Do not burn. Never re-use.

**DIRECTIONS FOR USE**

**MOYER**

## **PARATHION 25-W**

### **DIRECTIONS FOR USE**

#### **DO NOT USE AROUND THE HOME**

PARATHION 25-W is ready to use as a spray after dilution with water. Add the required amount of material directly to the spray tank while filling the spray tank with water. Keep the agitator running while filling and spraying.

Maximum dosage allowed per acre is shown in parenthesis.

This material is an agricultural pesticide for the following uses:

**ALMONDS:** (12 lbs.) To control Twig Borer, Tent Caterpillar use at the rate of 2 pounds per 100 gallons of water. Oriental Fruit Moth use at the rate of 2 pounds per 100 gallons of water. Apply at petal fall and every 10 to 14 days thereafter until control is achieved. Do not apply after the hulls open.

**APPLES:** (24 lbs.) To control Rosy Apple Aphid, Tortrix and Scale Crawlers use 2 pounds per 100 gallons of water. Codling Moth use 2 pounds per 100 gallons of water. Apply at petal fall and every 10 to 14 days thereafter until control is achieved. Consult your Cooperative Agricultural Extension Service for information regarding the addition of oil sprays for increased scale control. May cause injury to McIntosh and related apple varieties. Do not apply within 14 days of harvest.

**APRICOTS:** (14 lbs.) To control Twig Borer and Tortrix, use at the rate of 2 pounds per 100 gallons of water. Use 8 pounds in 10 to 20 gallons of water by air to control Twig Borer at hatch time in California only. Codling Moth, use at the rate of 2 pounds per 100 gallons of water. Apply at petal fall and every 10 to 14 days thereafter until control is achieved. Do not use within 14 days of harvest. Do not apply until danger of bee poisoning has passed.

**BEANS:** To control Aphids, Armyworms, Corn Earworms, Diabrotica Beetles, Leafhoppers, Leafminers and Loopers, use 2 to 3 pounds per acre. In California, may be applied in 10 gallons of water by air. If 3-pound rate is used, do not apply within 15 days of harvest. If 2-pound rate is used, do not apply within 7 days of harvest.

**CELERY:** To control Aphids, Celery Leaf Tier, use 2 pounds per acre. Use at least 25 gallons of water per acre. Do not apply within 21 days of harvest.

**CHERRIES:** (8 lbs.) To control Black Cherry Aphid, Tortrix, use 2 pounds per 100 gallons of water. Do not apply within 14 days of harvest.

**CITRUS** (16 lbs.) Grapefruit, Oranges, Lemons, for control of Aphids, Mealybugs, use  $1\frac{1}{2}$  to  $2\frac{1}{2}$  lbs. per 100 gallons of water. For Cottony Cushion and Citricola Scale control use 6 pounds in 100 gallons of water per acre. For control of Thrips, use 8 pounds per acre in 100 gallons of water. For use in combination with oil sprays, consult your Cooperative Agricultural Extension Service. Do not apply within 14 days of harvest.

**GRAPES:** (6 lbs.) To control Mealybugs other than dormant, use  $2\frac{1}{2}$  pounds per acre in 20 to 250 gallons of water. Apply only before fruit is the size of buckshot or after harvest. Do not use within 14 days of harvest.

**PEACHES, NECTARINES:** (10 lbs.) To control Thrips, use at the rate of 1 lb. per 100 gallons of water. Do not apply more than 250 gallons per acre. For control of Peach Twig Borer, apply 2 pounds per 100 gallons of water. Oriental Fruit Moth, apply 2 pounds per 100 gallons of water. Apply at petal fall and every 10 to 14 days thereafter until control is achieved. Do not apply more than 5 pounds of actual parathion per acre from January 1st until harvest. Do not apply within 21 days of harvest. Do not use more than once after bloom.

**PEARS:** (14 lbs.) To control Psylla, Aphids and Mealybugs, use at rate of 2 pounds per 100 gallons of water. May do damage to Bosc, Anjou or Comice varieties of pears. Do not use within 14 days of harvest.

**PLUMS, PRUNES:** (16 lbs.) To control Twig Borer, Bud Moth, Tortrix and Scale insects, use 2 pounds per 100 gallons of water. Oriental Fruit Moth, use 2 pounds per 100 gallons of water. Apply at petal fall and every 10 to 14 days thereafter until control is achieved. Consult your Cooperative Agricultural Extension Service for information concerning combinations with spray oils for better scale control. Do not use within 14 days of harvest.

**SPINACH:** (2 lbs.) To control Leafminer, Aphids, use 1 to 2 pounds per acre. Do not use within 14 days of harvest.

**WALNUTS:** To control Walnut Aphid, use  $1\frac{1}{2}$  pounds per acre. For control of Oyster Shell Scale, use 5 pounds per acre. For control of Walnut Husk Fly, use 8 pounds per acre. To control Frosted Scale, European Fruit Lecanium and Calico Scales, use 3 quarts of summer oil emulsion plus 2 to 3 pounds of Parathion 25-W per acre. Apply the above rates of Parathion 25-W in 200 to 400 gallons of water per acre. Do not apply after husks open.

\*O-diethyl (2-p-nitrophenyl) Thiophosphate

**STOP! READ THE LABEL**

**POISON**

See side panels  
for antidote  
and precautions




**DANGER**

Keep out of reach  
of children

**CAN KILL YOU**

**NOT FOR HOME USE**

**DANGER—POISON—PRECAUTIONS** 



**CAN KILL YOU IF SWALLOWED**

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



**CAN KILL YOU BY SKIN CONTACT**

This product can kill you if touched by hands or spilled or splashed on skin or eyes or on clothing (liquid gas goes through clothes).



**CAN KILL YOU IF BREATHED**

This product can kill you if vapors, spray or dust are breathed.

**POISONOUS TO FISH AND WILDLIFE**

This product is toxic to fish, birds, and other wildlife. Birds fed to or treated areas may be killed. Keep out of streams, rivers, or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where there are important resources. Apply this product only as specified on this label.

MANUFACTURED BY

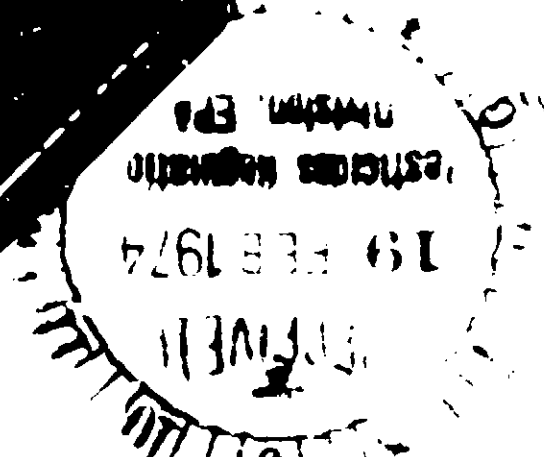
**MOYER CHEMICAL COMPANY**

1310 BAYSHORE HIGHWAY P.O. BOX 945 SAN JOSE, CALIFORNIA

**NET WEIGHT 10 POUNDS**



**DO NOT DETACH ENVELOPE**  
Remove Booklet from Envelope  
For Cruthers Directors  
**ATTENTION**



**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 U.S. Bureau of Mines for parathion protection. (4) Wear heavy duty, natural rubber gloves.

**WORK SAFETY RULES**

Keep all unprotected persons and children 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. Call a doctor (physician), clinic or hospital—immediately. Explain that the victim has been exposed to parathion and describe his condition. After first aid is given (see First Aid Treatment Section) and if a doctor cannot come, take victim to clinic or hospital.

**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.

**+ FIRST AID TREATMENT +**

Call a doctor (physician), clinic or hospital immediately.



**POISON SIGNS (Symptoms)**

**PARATHION** is a very dangerous poison. It rapidly enters the body on contact with all skin surface 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.

**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 respirator 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.**

**POST TREATED AREA**

Consult your State Agricultural Extension Service or Experiment Station regarding post-treatment areas.

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.

#### ✦ 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 and victim is awake (conscious) make him vomit quickly. Induce vomiting by sticking finger down throat or by giving soapy or strong salty water to drink. Repeat until vomit is clear. Never give anything by mouth to an unconscious person. Have victim lie down and keep quiet. See doctor immediately.

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.

#### USAGE CAUTIONS

This product is toxic to fish and wildlife. Keep out of any body of water. Birds feeding in treated areas may be killed. Apply this product only as specified on this 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.

Label No. 1-2-11/72

## EPA Reg. No. 5967-62 AA

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— NON-RETURNABLE

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#### POST TREATED AREA

Consult your State Agricultural Extension Service or Experiment Station regarding posting treated areas.

#### CONTAINER DISPOSAL

See accompanying product information label.

#### CROP USE DIRECTIONS

Use only according to accompanying label DIRECTIONS FOR USE.

#### DISPOSAL

Do not contaminate water by cleaning of equipment or disposal of wastes. Rinse equipment and containers and DISPOSE OF WASTES by burying at least 18 inches deep in non-crop lands away from water supplies. Do not re-use container. Bury with wastes.

DO NOT CONTAMINATE FEED OR FOODSTUFFS. DO NOT USE IN UNDILUTED FORM.

DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME. KEEP CONTAINER CLOSED. LEAKING PACKAGES SHOULD BE REMOVED TO A SAFE PLACE.

Do not apply when weather conditions favor drift from the areas treated. Do not apply when runoff is likely to occur. Do not 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.