

NET CONTENTS

GALLONS



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.

**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.

Do not contaminate water by cleaning of equipment or disposal of wastes.

STOP - READ LABEL BEFORE USING!

**POISON**

See Side Panels  
for Antidote &  
Precautions



**DANGER**

Keep Out of  
Reach of  
Children

*April 13, 1971*

**PARA-KIL 63-E**

6 LBS. ETHYL PARATHION PER GALLON  
3 LBS. METHYL PARATHION PER GALLON

**ACTIVE INGREDIENTS:**

Parathion (O, O-diethyl O-p-nitrophenyl thiophosphate) 56.8%  
O, O-dimethyl O-p-nitrophenyl thiophosphate 28.4%  
Xylene-range aromatic solvent 7.0%

**INERT INGREDIENTS**

7.8%  
100.0%

EPA Reg. No. 148-682

**NOT FOR HOME USE**

2-7



THOMPSON-HAYWARD  
CHEMICAL COMPANY

P O BOX 2383 KANSAS CITY KANSAS 66110



**LABEL BEFORE USING!**



**DANGER**

**Keep Out of Reach of Children**

*April 13, 1972*

**A-KIL 63-E**

**1/2 L PARATHION PER GALLON  
1/4 L PARATHION PER GALLON**

(p,p'-nitrophenyl thiophosphate)  
ethyl thiophosphate  
inert

56.8%  
28.4%  
7.0%  
7.8%  
100.0%

**NOT FOR HOME USE**

2-72

**THOMPSON-HAYWARD  
CHEMICAL COMPANY**

383 KANSAS CITY KANSAS 66110

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

(1) Wear waterproof 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.

*145  
632*



**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, cramps, weakness, blurred vision, pin-point pupils, tightness in chest, labored breathing, nervousness, sweating, watering of eyes, drooping or frothing of mouth and nose, muscle spasms and coma.

Beetles, Grasshoppers— $\frac{1}{2}$ - $\frac{2}{3}$  pt. Do not apply within 15 days of harvest.

**SUGAR BEETS:** Aphids, Armyworms (up to 3rd instar), Blister Beetles, Cutworms, Fall Armyworms, Flea Beetles, Grasshoppers, Leafhoppers, Leaf Miners, Mites, Sugar Beet Webworms— $\frac{1}{2}$  pt. Do not apply within 20 days of harvest or 60 days if tops are to be fed to livestock.

**SOYBEANS:** Aphids, Fall Armyworms, Stink Bugs, Three-cornered Alfalfa Hoppers, Velvet Bean Caterpillars— $\frac{1}{3}$  to 1 pt. Do not apply within 20 days of harvest.

**Workers entering fields within 24 hours after application should wear protective clothing.**

**NOTICE:** 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.

Do not mix or use in combination with other organic phosphates. Not suitable for use in hand-operated or knapsack-type sprayers. This material must not be used as an insecticide without dilution. Do not use or store near heat or open flame. Minimum storage temperature 20° F. Do not use this product on feed or forage to be fed to dairy animals or to livestock being finished for slaughter.

**CAUTION:** 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.

**DESTROY CONTAINER WHEN EMPTY**

Flush out thoroughly with water in some location where flush water can be run off harmlessly. Then punch container full of holes or crush so that it cannot be used again for any purpose. Take to city dump or some other type location where no attempt will be made to salvage for any use whatsoever.

ACCEPTED  
APR 13, 1972  
UNDER THE FEDERAL INSECTICIDE  
FUNGICIDE AND RODENTICIDE ACT  
FOR ECONOMIC POISON REGISTERED  
ED UNDER NO. SUBJECT  
TO THE FOLLOWING COMMENTS

149-682

## + 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.

## 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. TREAT SYMPTOMATICALLY.

## POST TREATED AREA

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

**CAUTION:** Misuse as to quantity, timing or method of application can cause damage or injury to animals, persons, property or crops or cause residues in excess of official tolerances.

## DIRECTIONS FOR USE

Application should be made only by trained personnel using approved protective equipment. Do not apply with hand equipment. Pour specified amount of this product into nearly filled spray tank. Add balance of water to fill tank. Nurse tanks and spray equipment must provide thorough agitation. Keep agitator running during filling and spraying operations. If mixture does not mix readily, but tends to separate as an oily layer, do not use as injury to plants may result. Do not combine with wettable powders unless previous use of the mixture has proven physically compatible and safe to plants. Always thoroughly emulsify this product with at least half of total water before adding wettable powder.

Rates are given in terms of pints of **PARA-KIL 63-E** per acre in sufficient water for thorough coverage.

For airplane application, dilute with from 3 to 10 gallons of water per acre.

For ground application, use from 5 to 15 gallons of water.

**ALFALFA, CLOVER, VETCH:** Aphids (Green Bugs), Armyworms (up to 3rd instar), Blister Beetles, Flea Beetles, Grasshoppers, Leafhoppers, Mites, Spotted Alfalfa Aphids, Alfalfa Weevil Larvae— $\frac{1}{3}$ - $\frac{2}{3}$  pt. Do not apply within 15 days of harvest.

**COTTON:** Bollworms, Boll Weevils, Overwintered Boll Weevils, Tobacco Budworms— $\frac{3}{4}$  qt. Armyworms (up to 3rd instar), Cabbage Loopers, Stink Bugs— $\frac{1}{2}$  qt. Cotton Leafworms, Fleahoppers, Lygus Bugs, Red Spider Mites, Thrips, Garden Webworms, Brown Cotton Leafworms, Leafhoppers, Leaf Rollers, Salt-marsh Caterpillars, Serpentine Leaf Miners— $\frac{1}{2}$  pt. Do not apply within 5 days of harvest. Workers entering fields within 24 hours of application should wear protective clothing.

**SMALL GRAINS (Barley, Oats, and Wheat):** Aphids (Green Bugs), Black Grass Eugs (Irbisia), Brown Wheat Mites (Petrobia), Stink Bugs, Armyworms (up to 3rd instar), Leafhoppers, Blister