



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, in eyes or on clothing (liquid goes through clothes).



CAN KILL YOU IF BREATHED

This product can kill you if vapors, spray mist 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.

ROCKWOOD CHEMICAL CO.

P. O. Box 34

Brawley, California

EPA EST. No. 10226-CA-1

EPA Reg. No. 10226-51

KEEP AWAY FROM HEAT AND OPEN FLAME
MINIMUM STORAGE TEMPERATURE 20° F.

When applying at a rate greater than one pound of actual parathion, methyl parathion, or O-ethyl O-para-nitrophenyl thionobenzenephosphonate (EPN) singly or in combination, per acre, the treated property shall be kept posted by the person who authorized the application for two weeks in such manner as to provide adequate warning to persons who enter the property by the point or points of normal entry. The warning notice that is posted shall be of such size that it is readable at a distance of 25 feet and be substantially as follows:

WARNING

DO NOT ENTER

This property treated with (Parathion) (Methyl parathion) (EPN) on _____ (date) and all persons are warned to stay out for two weeks.

NET CONTENTS _____.

C/R Printers P9244 51876

STOP! READ THE LABEL



DANGER

Keep out of reach of children

CAN KILL YOU

ROCKWOOD BRAND

THIODAN METHYL PARATHION 3-2 E.C.

ACTIVE INGREDIENTS:

	% By Wt.
Endosulfan*-hexachloro-hexahydro-methono-2,4,3-benzodioxathiepin oxide	30.5%
O,O-Dimethyl O-p-Nitrophenyl thiophosphate**	20.5%
Xylene	33.0%

INERT INGREDIENTS:

Inerts	16.0%
Total	100.0%

*Thiodan is T.M. Registered, U.S. Pat. Office by Farbwerke Hoechst A.G.

**Methyl Parathion

CAUTION

KEEP OUT OF REACH OF CHILDREN

NOT FOR HOME USE

**DO NOT USE, POUR, SPILL, OR
STORE NEAR HEAT OR OPEN FLAME.**

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.

CONTAINER DISPOSAL: Do not reuse empty container. Destroy it by perforating or crushing. Bury or discard in a safe place away from water supplies.

NOTICE: Recommendations for the use of this product are based upon information believed to be reliable at time of printing. The use of this product being beyond the control of ROCKWOOD CHEMICAL COMPANY, 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 and sound practice. THE BUYER, must assume all responsibility including injury and/or damage, resulting from its misuse as such or in combination with other products.

PRECAUTIONS

READ ENTIRE LABEL BEFORE USING

Warning poisonous if swallowed, inhaled or absorbed through skin! Rapidly absorbed through skin! Do not get in eyes, on skin or on clothing. Avoid contact with skin or eyes. Do not breathe vapor or spray mist. Wear a mask or respirator of a type passed by the U.S. Department of Agriculture for Parathion protection. Wear natural rubber gloves, overshoes, protective clothing and goggles. Wash with soap and water after handling and before drinking, eating or smoking. Wash all contaminated clothing with soap and hot water before re-use. Take bath or shower using plenty of soap and water after work. Keep all unprotected persons out of operational area or vicinity where there may be danger of drift until one hour after spraying is completed. Do not contaminate or store near food or feed.

NOTE TO PHYSICIAN: Endosulfan produces central nervous system excitation which ordinarily responds to the barbituric acid derivatives but this drug should be con-

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, drooling or frothing of mouth and nose, muscle spasms and coma.

+ 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.

considered only if com symptoms.

BEE CAUTION: T exposed to direct tr tective information m Agricultural Extensio **ENVIRONMENTAL** (fish, birds and other treated areas may be likely to occur. Do favor drift from area by cleaning of equip this product only as

DIRE

Application can be equipment by trained tective equipment. Pour specified amou spray tank. Maintain operations. Use a sc system. Do not co wettable powders unli physically compatibl oughly mix emulsifia with at least half of u Rinse spray equipme waste in pit in non- supplies.

PERFORATE EMPT AND BURY GLASS.

TERMINAL USE DA numbers shown in par should be allowed bet

BEL



DANGER

Keep out of reach
of children

ACCEPTED

4 1976

General Insecticide,
and Rodenticide Act,
or the pesticide
law.
Reg. No. 10226-51

ETHYL

-2 E.C.

% By Wt.

.....	30.5%
.....	20.5%
.....	33.0%
.....	16.0%
.....	100.0%

Office by Farbwerke

CHILDREN

USE

SPILL, OR

OPEN FLAME.

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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.

sidered only if complete atropinization fails to relieve symptoms.

BEE 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.

ENVIRONMENTAL CAUTIONS: This product is toxic to fish, birds and other wildlife. Birds and other wildlife in treated areas may be killed. 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. Apply this product only as specified on this label.

DIRECTIONS FOR USE

Application can be made by aircraft or ground power equipment by trained personnel only using approved protective equipment. Do not apply with hand equipment. Pour specified amount of this product into nearly filled spray tank. Maintain agitation during filling and spraying operations. Use a screen not finer than 50 mesh in entire system. Do not combine with emulsifiable liquids or wettable powders unless previous experience has proven physically compatible and safe to plants. Always thoroughly mix emulsifiable concentrates or wettable powders with at least half of total water before adding this product. Rinse spray equipment and containers. Discharge liquid waste in pit in non-crop lands located away from water supplies.

PERFORATE EMPTY METAL CONTAINERS. CRUSH AND BURY GLASS.

TERMINAL USE DATES: Unless otherwise specified numbers shown in parenthesis () indicate number of days should be allowed between the last application and harvest

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.

POST TREATED AREA

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

CROP USE DIRECTIONS

Use only according to attached label booklet instructions.

or grazing.

VEGETABLE AND FIELD CROPS: Rates are given in terms of pts. per acre in sufficient water for thorough coverage. (Usually 1-20 gals. water by aircraft- 20-100 gals. water by ground equipment).

ALFALFA GROWN FOR SEED: For control of Aphid, Armyworm (up to 3rd instar), Flea beetle, Lygus bug, Spittle bug, Leafhopper and Mites apply 2-5 pts. per acre. (20) Do not feed treated forage. This crop to be used for seed production only. Treat in the early morning or late evening to avoid injury to pollinators.

ARTICHOKES: For control of Artichoke plum moth and Aphid apply 1-2½ pts. per acre. (7)

BEANS (Dry, Green and Lima): For control of Black bean aphid, Green stinkbug, Western bean cutworms, Bean leaf skeletonizer, Cucumber beetle and Mexican bean beetle apply 1-2½ pts. per acre. (21) or 1-2 pts. (15) Do not apply more than 3 times per season. Do not feed treated threshings to livestock or allow livestock to graze in treated fields. Do not use on Lima beans that are to be removed from the field for processing.

COLE CROPS (Broccoli, Brussels Sprouts, Cabbage, Cauliflower): For control of Aphid, Cabbage looper, Armyworm, Harlequin bug, Cross-striped cabbageworm, Diamondback moth larve, Imported cabbageworm, Flea beetle, Leafhopper and Stink bug apply 1-2 pts. per acre (14 on Brussels Sprouts and Cauliflower), (10 on Broccoli and Cabbage) or 1-2½ pts. (21) Use 2½ pts. in control of cutworm.

COTTON: For control of Bollweevil, Bollworm, Cabbage looper, Stink bug, Lygus Bug, Cotton leaf perforator, Aphid, Thrip, Fleahopper and Cotton leafworm apply 2-4 pts. per acre. (Do not apply after bolls open). Rate of 2 pts. per acre may be used prior to 25% boll opening. Do not graze meat or dairy animals in treated fields. Methyl Parathion should not be applied within 7 days of hand picking. Workers entering treated fields within 24 hours after application should wear protective clothing.

LETTUCE (Head and Leaf): For control of Aphid (including Green peach), Armyworm, Cabbage looper, Diamondback moth larvae, Flea beetles, Leafhoppers, Imported cabbageworm and Mites apply 2½ pts. per acre. (21) Do not apply more than 3 times after thinning to head Lettuce nor more than 2 times per season to Leaf Lettuce. Remove outside leaves at harvest. Do not feed crop waste to livestock.

MUSTARD GREENS AND SPINACH: For control of Aphid (including green peach) Cabbage looper, Imported cabbageworm, Crown mite apply 2 pts. per acre. (21) Do not make more than one application per season.

PEPPERS: For control of flea beetle, Green peach aphid, Hornworm, pepper maggot, apply 2½ pts. per acre. (15)

POTATOES: For control of Aphid, Armyworm, Colorado potato beetle, European corn boerer, False cinch bug, Green stink bug, Leafhopper, Plant bug, Potato flea-beetle, Potato leafhopper, Potato psyllid, Potato tubeworm, three-lined potato beetle white fly, apply 2½ pts. per acre. (5) Do not plant root crops other than carrots, potatoes, or sweet potatoes as a follow-up crop.

SUGAR BEETS: For control of Green peach aphid, Meadow spittle bug, Sugar beet webworm, mites and Leafhoppers, apply 1½ pts. per acre. (30) Do not feed treated tops to livestock.

TOMATOES: For control of Blister beetle, Cabbage looper, Aphid (including Green peach), Stink bug, Tomato fruitworm, tomato hornworm, mites, white fly, Armyworm and Pinworm apply 1½ pts. (10) to 2½ pts. (15) product.

To protect bees and other pollinators, use in early morning or late evening.

Consult state agricultural extension service or state agricultural experiment stations for additional information, as the timing, and number of applications needed will vary with local conditions.