



ORTHO

DANGER - POISON - PRECAUTIONS



DO NOT SWALLOW

POISONOUS IF SWALLOWED

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



DO NOT TOUCH

POISONOUS BY SKIN CONTACT

Poisonous if touched by hands or spilled or splashed on skin in eyes or on clothing liquid goes through clothes



DO NOT BREATHE

POISONOUS IF BREATHED

Breathing vapors, spray mist or dust may be fatal

THIODAN® Parathion 2-1 CO Emulsive

STOP • READ LABEL BEFORE USING!

POISON

See Side Panels for Antidote & Precautions



DANGER

Keep Out of Reach of Children

[Faint, mostly illegible text, likely containing product details and safety instructions.]

NOT FOR HOME USE

NET CONTENTS 1 GALLON LIQUID

POISONOUS TO FISH AND WILDLIFE

This product is toxic to fish and wildlife. Birds can be killed. Keep out of any body of water. Do not use equipment or disposal of wastes. Do not apply in or near treated areas. Do not apply where runoff is likely. This product is highly toxic to bees exposed to direct contact. Protective information may be obtained from your local Extension Service.

USE ONLY WHEN WEARING THE FOLLOWING CLOTHING

(1) Wear water proof pants, coat, hat, rubber boots and safety goggles (3) Wear mask or respirator appropriate for parathion protection. (4) Wear heavy duty, natural fiber clothing

WORK SAFETY RULES

Keep all unprotected persons and children away from the danger of drift. Do not rub eyes or mouth with hands. If you feel dizzy get help right away. Call a doctor (physician), clinic or hospital that the victim has been exposed to parathion and first aid is given (see First Aid Treatment Section) and take to clinic or hospital.

IMPORTANT! Before removing gloves, wash them with soap and water before. **AFTER WORK**, take off all work clothes and shoes. Wash only clean clothes when leaving job. Do not wear contaminated clothing and protective equipment with soap and water. Clean and filter replaced according to instructions. **DO NOT USE, POUR, SPILL, OR STORE NEAR HEADS.** SHOULD BE REMOVED TO A SAFE PLACE OR FOOD.

POISON SIGNS Symptoms of poisoning are: weakness, blurred vision, pin point pupils, tightness of chest, sweating, watering of eyes, drooling or frothing and coma.

Parathion Liquid

BEFORE USING!

DANGER

Keep Out of
Reach of
Children

PARATHION LIQUID

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 contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from treated areas. Do not apply where runoff is likely to occur.

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.

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.

DO NOT USE, POUR, SPILL, OR STORE NEAR HEAT OR OPEN FLAME. LEAKING PACKAGES SHOULD BE REMOVED TO A SAFE PLACE. Do not store or transport near feed or food.

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.

NOTE TO PHYSICIAN

In this product mixture, methyl parathion is the dominant toxic ingredient exerting muscarine like effects; that is, stimulation of the parasympathetic nervous system. Poisoning victims should be treated promptly with sufficient atropine to alleviate signs and symptoms of poisoning. 2-PAM may be administered in conjunction with atropine. The administration of oxygen is helpful. Morphine should not be given to persons suspected of parathion poisoning. THIODAN produces central nervous system excitation which ordinarily responds to the barbituric acid derivatives, but this drug should be considered only if complete atropinization fails to relieve symptoms.

POST TREATED AREA

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

CONTAINER DISPOSAL

See attached booklet for proper disposal.

CROP USE DIRECTIONS

Use only according to attached label booklet instructions.

Chevron Chemical Company

Organic Division, San Francisco, California
Richardson Chemical Division, Des Moines, Iowa
Forest Chemical Division, Berkeley, California
Ethyl Chemical Division, Los Angeles, California

EPA Reg. No. 739-2236-AA

CONDITIONS OF SALE: 1. Chevron Chemical Company (Chevron) warrants that this material conforms to the chemical description on the label and is reasonably fit for use as directed hereon. Chevron neither makes, nor authorizes any agent or representative to make, any other warranty of FITNESS or of MERCHANTABILITY, guarantee or representation, express or implied, concerning this material.

2. Critical and unforeseeable factors beyond Chevron's control prevent it from eliminating all risks in connection with the use of chemicals. Such risks include, but are not limited to, damage to plants and crops to which the material is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the uses stated hereon and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Chevron under 1 above) resulting from handling, storage, and use of this material.

ACCEPTED

AUG 23 1973

UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND FUNGICIDE ACT
FOR ECONOMIC POISON REGISTERED
UNDER NO. ~~236~~

239-2236
EPA Reg. No. 239-2236-AA

Chevron Chemical Company

Ortho Division - San Francisco, Calif. 94119
Richmond, Calif. Des Moines, Iowa Perth Amboy, N.J.
Fresno, Calif. Orlando, Florida
Form 8294-A Product 3876 Made in U.S.A.
EPA Reg. No. 239-2236-AA

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Pesticides Registration
Division, EPA

ACCEPTED WITH COMMENTS



ORTHO

THIODAN[®] Parathion 2-1 CO Emulsive

(INSECTICIDE)

POISON

SEE CONTAINER LABEL FOR ANTIDOTE AND DANGER STATEMENTS.

READ ENTIRE LABEL AND BOOKLET. USE STRICTLY IN ACCORDANCE WITH DANGER STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

KEEP PESTICIDE IN ORIGINAL CONTAINER. DO NOT PUT CONCENTRATE OR DILUTE INTO FOOD OR DRINK CONTAINERS. WASH EMPTY CONTAINER AND DESTROY BY BURYING IN A SAFE PLACE AWAY FROM WATER SUPPLIES AND RUN-OFF. NEVER RE-USE.

DIRECTIONS FOR USE



ORTHO THIODAN^B-Parathion 2-1 CO Emulsive

(INSECTICIDE—contains 2 lbs. THIODAN and
1 lb. Parathion per gallon)

STORE AT TEMPERATURES ABOVE 45°F

This product is not to be used around homes or home gardens.
Do not use in undiluted form.

DIRECTIONS: Use the following recommended rates per acre in sufficient
water for thorough coverage.

USE DESIGNATED AMOUNT OF PRODUCT IN THE FOLLOWING
GALLONS WATER PER ACRE UNLESS OTHERWISE NOTED:
GROUND APPLICATION—Vegetable and Field Crops—30 to 250 gals.
Cotton—30 to 20 gals.
Where Recommended for AIR APPLICATION—Field Crops—3 to 10
gals.
Orchard Crops—10 to 20 gals.

ALFALFA (SEED CROPS ONLY): Aphids, Spittlebug—1 to 4 qts. per
acre. Lygus Bug, Armyworms, Alfalfa Caterpillar, Webworms—3 to 4
quarts per acre. Do not feed treated forage to dairy or meat animals.
Do not use on forage to be sold commercially or shipped interstate.

ARTICHOKE: Artichoke Aphid, Green Peach Aphid—1½ to 2 quarts per
acre. Artichoke Plume Moth—2 quarts per acre. Do not apply within 7
days of harvest.

BEANS (DRIED): Black Bean Aphid, Bean Leaf Skeletonizer, Mexican
Bean Beetle—1 to 2 quarts per acre. Aphids, Corn Earworm, Diabrotica
Beetles, Leafhoppers, Loopers, Aphids, Leafminer, Whitefly, Armyworm—
2 quarts per acre. Do not make more than 3 applications to bean pods.
Do not apply within 15 days of harvest. Do not feed treated threshings
to livestock or allow to graze in treated fields. Do not use on lima beans

BEANS (SUCCULENT): Black Bean Aphid, Bean Leaf Skeletonizer,
Cucumber Beetles, Green Stink Bug, Mexican Bean Beetle—1 to 2 quarts
per acre. Aphids, Leafhoppers, Leaf Miner, Whitefly, Armyworm—2 quarts
per acre. Do not make more than 3 applications to the bean pods. Do
not apply within 15 days of harvest. Do not use on lima beans. Do not
feed treated threshings to livestock or allow to graze in treated fields.

BROCCOLI, CABBAGE: Cabbage Aphids, Cabbage Looper, Imported
Cabbage Worm, Diamondback Moth Larvae, Cross-Striped Cabbage Worm,
Flea Beetle, Harlequin Bug, Stink Bug—1½ to 2 qts. per acre. Do not
apply to Broccoli within 7 days of harvest and to Cabbage within 10 days.

CAULIFLOWER: Cabbage Looper, Imported Cabbage Worm, Diamondback
Moth Larvae, Cross-striped Cabbage Worm—1 to 1½ qts. per acre. Flea
Beetle, Harlequin Bug, Stink Bug—1½ qts. per acre. Do not apply after
the edible parts start to form. Do not apply within 14 days of harvest.

CELERY: Green Peach Aphid, Cabbage Looper—Use 1 quart per acre and
do not apply within 21 days of harvest; or use 2 quarts per acre and
do not apply within 30 days of harvest. Do not make more than 3
applications per season.

COTTON: Spider Mites, (Desert Spider Mite, Tumid Spider Mite, Two-
Spotted Spider Mite), Boll Weevil, Aphids, Cotton Leafworm, Lygus Bug,
Bollworm, Cabbage Lopper—1½ qts. per acre. Do not apply after bolls
open. Do not graze dairy or meat animals in treated fields. Do not plant
root crops other than carrots, potatoes, sweet potatoes and sugar beets as
follow-up crops. Workers entering fields within 24 hours after application
should wear protective clothing. Do not hand pick or harvest within 7 days.

CUCUMBERS, PUMPKINS, SUMMER AND WINTER SQUASH:
Aphids, Cucumber Beetles—1 to 2 qts. per acre. Do not apply to Pump-
kins within 10 days of harvest; to Cucumbers, Summer and Winter
Squash within 15 days of harvest. Do not apply to Cucumbers before
vining.

HEAD LETTUCE: Cabbage Looper, Green Peach Aphid, Diamondback
Moth Larvae, Imported Cabbage Worm—1½ to 2 qts. per acre. Do not
apply more than 3 times after thinning. Do not apply within 14 days of
harvest. Remove outside leaves at harvest. Do not feed crop waste to
livestock.

POTATOES: Aphids, Leafhoppers, Flea Beetle, Colorado Potato Beetle,
Potato Tuberworm, White Fly, Green Stinkbug, Southern Armyworm,
Leaf Footed Plant Bugs and Other Plant Bugs—1½ to 2 qts. per acre.
False Chinch Bug—2 qts. per acre. Potato Psyllid—1½ to 2 qts. per
acre. Do not apply within 5 days of harvest. Do not plant root crops

other than carrots, potatoes, sweet potatoes and sugar beets as follow-up
crops.

PEPPERS: Flea Beetle, Green Peach Aphid—1 qt. per acre. Do not apply
within 15 days of harvest.

TOMATOES: Aphid, Flea Beetle, Hornworm, Colorado Potato Beetle,
Whitefly—Use 1 to 2 qts. per acre. Stink Bug, Tomato Fruitworm, Cab-
bage Looper, Armyworm, Tomato Russet Mite, Leafminer, Leafhoppers
and Tomato Pinworm—Use 2 qts. per acre. Do not apply within 10 days
of harvest.

SAFFLOWER: Green Peach Aphid—2 quarts per acre. Do not apply after
flower heads open. Do not plant root crops other than carrots, potatoes,
sweet potatoes and sugar beets as follow-up crops.

SUGAR BEETS: Green Peach Aphid, Meadow Spittlebug—1 to 2 qts.
per acre. Sugar Beet Webworm, Leafhoppers, Leaf Miners—1½ to 2 qts.
per acre. Blister Beetles, Flea Beetles, Cutworms, Armyworms, Grass-
hoppers—2 qts. per acre. Apply when insects first appear and repeat as
required. Do not feed treated beet tops to livestock. Do not apply within
30 days of harvest.

THIODAN[®] —trademark of Canadian Hoechst Limited.



[INSECTICIDE]

ORTHO



WARNING

POUND

