

ACCEPTED  
 FEB 25 1972  
 4/1/72

**DANGER - POISON - PRECAUTIONS** ☠



**POISONOUS IF SWALLOWED**

Even in small amounts!



**POISONOUS BY SKIN CONTACT**

Poisonous if touched by hands or spilled or splashed on skin, in eyes or on clothes (liquid goes through clothes).



**POISONOUS IF BREATHED**

Poisonous if vapor or mists from sprays are breathed. Vapors are not visible. Never work with parathion or in parathion treated areas without protective clothing and equipment.

**POISONOUS TO FISH & WILDLIFE:** Toxic to fish and wildlife. Birds and other wildlife in treated areas may be killed. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. Keep out of any body of water. Do not apply when weather conditions favor drift from treated areas. Do not apply where run-off is likely to occur.

**STOP - READ THE LABEL**

**POISON**

See Side Panels for Antidote & Precautions



**PARA-NIN**

EMULSIFIABLE LIQUID

**ORGANOPHOSPHORUS INSECTICIDE**

Active Ingredients — Parathion.  
 O,O-diethyl O-p-nitrophenyl phosphorothioate 58.3%  
 O,O-dimethyl O-p-nitrophenyl phosphorothioate\* 29.1%  
 Xylene range solvent 7.1%  
 Inert Ingredients 5.5%  
 Contains 6 lb. Parathion & 3 lb. \*Methyl Parathion/Gal  
 Read Label Folder for additional use precautions, directions for use, recommendations and container disposal. EPA Reg. No. 476-1989

**NOT FOR HOME USE**

See side panels for poison prevention first aid treatment, information on posting treated areas.

**NOTICE:** Stauffer Chemical Company makes no warranties, express or implied, in connection with the sale of this material for any purpose concerning this material. All such warranties are contained on Stauffer's literature.

Made in USA By



**STAUFFER CHEMICAL COMPANY**  
 WESTPORT, CT 06880

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 FEB 25 1972  
 476 119

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**& WILDLIFE:** Toxic to fish and wildlife. Birds and other wildlife are killed. Shrimp and crab may be killed at application rates recommended. Do not apply where these are important resources. Keep out of any water bodies when weather conditions favor drift from treated areas. Drift is likely to occur.

**STOP — READ THE LABEL**

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**DANGER**  
 Keep Out of Reach of Children

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**STAUFFER CHEMICAL COMPANY**  
 WESTPORT, CT 06880

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### WORK SAFETY RULES

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

Keep unprotected persons and children away from treated area or where there is danger of drift.

**Do not rub eyes or mouth with hands. Do not smoke. Before removing gloves, wash them with soap and water.** If you feel sick in any way STOP work and get help right away. Tell foreman or have someone call him. Call a physician, clinic or hospital immediately.

**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 work clothing.

All protective clothing and equipment should be washed with soap and water after each use. Respirators 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 surfaces, eyes and by contact with skin through wet clothes. Worker who shows any of the following poisoning signs must receive immediate medical treatment or he may die.

**Signs and Symptoms of Poisoning Are:** Headache, nausea, vomiting, cramps, blurred vision, pin-point pupils, tightness of chest, labored breathing, weakness, nervousness, sweating, watering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma.

**POSTING TREATED AREA** Consult state regulatory agencies for posting regulations and requirements.



### FIRST AID TREATMENT

*Speed is essential to stop absorption of poison. If possible, one person should make telephone calls while another begins treatment.*

Call a physician, clinic or hospital immediately in all cases of suspected poisoning. Explain victim exposed to parathion; describe his condition. **Until medical help is available take following steps.**

**IF BREATHING HAS STOPPED,** start artificial respiration immediately and continue until physician sees victim.

**IF SWALLOWED** and victim is awake (conscious) make him vomit quickly. First, give soapy water or strong salty water to drink then stroke back of throat with finger to make victim vomit. Repeat by giving more water and make vomit again until vomit fluid is clear. **Never give anything by mouth to an unconscious person.** Have victim lie down and keep quiet.

**IN CASE OF SKIN CONTACT,** immediately remove wet clothing and shoes and flush skin with water for at least 15 minutes.

**EYE CONTACT:** If splashed in eyes, immediately flush eyes with water for at least 15 minutes.

*After first aid is given and physician can not come take victim to clinic or hospital. Bring "Label Folder." Give to physician.*

### NOTE TO PHYSICIAN

**ANTIDOTE**—Administer **atropine sulfate** in large doses. 2.0 to 4.0 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 system, producing cardiac and respiratory depression.

At first signs 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 is indicated for at least 48 to 72 hours.







LABEL FOLDER  
CONTAINS  
ALL DIRECTIONS FOR USE

# PARA-NINE<sup>TM</sup>

ORGANOPHOSPHORUS INSECTICIDE  
EMULSIFIABLE LIQUID

POISON  
DANGER



NOT FOR  
HOME USE

Before Using Read All Precautions  
and Directions for Use

EPA Reg. No. 476-1989

ARC 71133157

*[PR Marked Copy]*

## IMPORTANT

SEE REVERSE SIDE OF FOLDER  
CONTAINS SAFETY LABELING  
INFORMATION

- Active Ingredient Statement
- Primary Statements of Hazard, Precaution and Primary Instructions
- Fish and Wildlife Precautions
- Work Safety Rules
- Poison Symptoms
- First Aid Treatment
- Note to Physician

**STAUFFER CHEMICAL COMPANY**

WESTPORT, CT 06891

## USE PRECAUTIONS

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READ ALL PRECAUTIONS AND DIRECTIONS BEFORE USING. Use only for crops and claims recommended.

This product is toxic to fish and wildlife. Keep out of streams, brooks and ponds. Birds and other wildlife that eat area may be killed. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes.

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.

In order that pesticidal residues on food and forage crops will not exceed tolerances established by the Federal Food and Drug Administration, use only at recommended rates and intervals, and do not apply closer to harvest than specified. Do not apply or allow to drift to areas occupied by unprotected humans or beneficial animals or onto adjoining food, fiber or pasture crops. The grower is responsible for residues on his crops as well as for damages caused by drift from his property to that of others.

## CONTAINER DISPOSAL

### Destroy Empty Container—Never Re-Use

Completely empty contents and bury unused chemical 18 inches deep in an isolated location away from water.

**Glass Container:** Break container and bury 18 inches deep.

**Metal Containers: 1 gal. drum:** Pour 1 qt. of water into empty drum. Add 1 tablespoon of household detergent. Rotate drum carefully until all inner surfaces are wet. Drain rinse solution 18" deep. Punch holes in top and bottom of container, crush and bury. **5 gal. drum:** Pour 1 qt. of water into empty drum. Slowly add 1/2 cup caustic soda (lye) and 2 tablespoons of household detergent. Follow the same rinsing, destruction and burial procedures given for 1 gal. drum. **55 gal. drum:** Follow same procedures as for 5-gal. drum except use 5 gal. of water, 2 1/2 of lye and cup of detergent.

**CAUTION:** Do not get rinse solution on hands, in eyes or on clothing. Wear protective clothing and equipment. In case of contact wash immediately with soap and water.

## 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. Add balance of water to fill tank. Keep agitator running during filling and spraying operations. Temperature does not mix readily, but tends to separate and settle over time. Use as much as input to plant may result in best control with wettable powders unless previous use of this product has proven to be fully compatible and safe to plants. Always thoroughly emulsify this product with at least half of total water before adding with balance.

Do not fill spray tank or tank solution for treatment of areas at which application will be made until just before application to prevent emulsion setting.

## SUGGESTED WATER RATES FOR AIRCRAFT AND GROUND EQUIPMENT

The actual rate required to provide thorough uniform coverage varies with plant growth stage, time of application. Except as specified for certain uses, the following rates

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are. Do not apply to open flowers or fruit at any time.

Crop	Gal. Water, Acre	
	Aircraft	Ground
Vegetable and Field Crops	5-25	1-12
Orchards, Grapes	10-25	3-8

**Maximum permissible rate per acre, expressed as Para-Nine per 100 gal. of water, is 1.5 gal. per acre per claim. Maximum permissible rates per acre and corresponding conditions are stated for any reference of legal limits for seasons when rates higher than those recommended are necessary to control unusual infestations. Consult State Agricultural Experiment Stations or Cooperative State Extension Service for additional information as the timing, rate and number of applications may vary with local conditions.**

**Important:** *Regardless of the type of equipment used and the volume of water required to make full coverage sprays for tree fruit and nut crops, or to make uniform applications on vegetable and field crops, do not apply more than the maximum permissible rate of Para-Nine per acre as specified for each crop claim.*

### RECOMMENDATIONS

#### FRUIT AND NUT CROPS

Before reading the following crop claims, rates and restrictions, first read the labeling section entitled Directions For Use, especially the "Important" statement.

Unless otherwise specified, rates are given in terms of Para-Nine per 100 gal. of water for thorough coverage application. Unless otherwise specified, apply at the first sign of infestation and repeat at 7-10 day intervals as needed to maintain control. For codling moth, Oriental fruit moth and plum curculio control, apply at petal fall and every 10-14 days thereafter until control is achieved. Observe use limitations given for specific crops.

#### APPLES

Codling moth, European red mite, fruit tree leaf roller, mealybug, orange tortrix, plum curculio, red-banded leaf roller (1st, 2nd and 3rd broods), scales (San Jose, Forbes, scurfy), two-spotted mite. Use 1 1/2 pt.

Aphids (rosy apple, green apple, woolly apple), bud moth, Pacific mite, red bug, Schoenit mite, Willamette mite, clover mite. Use 1 1/2 pt.

**CAUTION:** Injury to fruit and foliage may result from use of this material on McIntosh and related varieties. Do not apply within 14 days of harvest. (2 1/2 gal.)

#### APRICOTS (Calif. Only)

Codling moth, Oriental fruit moth, tortrix. Use 1 1/2 pt. Bud moth, fruit tree leaf roller, peach twig borer (make full coverage spray). Use 1 1/2 pt.

Do not apply until danger of bee poisoning has passed. Do not apply within 14 days of harvest. (3 1/2 pt.)

#### CHERRIES

Black cherry aphid, eye spotted bud moth, fruit fly (west coast cherry), fruitworm, lesser apple worm, mites, shot hole borer. Use 1 1/2 pt. For fruit fly control begin applications at fly emergence and repeat at 7 day intervals. Do not apply within 14 days of harvest. (2 1/2 pt.)

#### NECTARINES, PEACHES

**Calif. Recommendations:** Caterpillar insects, Oriental fruit moth, peach twig borer, thrips (on Nectarines only), San Jose scale. Use 1 1/2 pt.

Cottony peach scale, fruit tree leaf roller, green peach aphid, spider mites. Use 2 1/2 pt.

**Calif. Limitations:** Do not apply within 21 days of harvest. Do not apply more than once after bloom. Do not apply more than 2 1/2 pt. per acre per application or more than 1 1/2 pt. per acre per year for 1st and 2nd harvest.

**Areas Other Than Calif.:** Do not apply for control of scale insects. Do not apply within 14 days of harvest. Do not apply more than 1 1/2 pt. per acre per application or more than 1 1/2 pt. per acre per year.

#### PEARS

Codling moth, European red mite, mealybug, pear blister mite (treat in pre-bloom or post-blossom), two spotted mite. Use 1 1/2 pt.

Mites (clover, Pacific, cherry, Willamette), pear psylla (treat in pre-bloom or post-blossom sprays), woolly apple. Use 2 1/2 pt.

Under some conditions, injury may occur on Bose pears in the Northeast. Do not apply within 14 days of harvest. (3 1/2 pt.)

#### PLUMS

European red mite, peach twig borer, two spotted mite. Use 1 1/2 pt.

Aphids, bud moth, leafhoppers, leaf rollers, mites (clover Pacific, Schoenit, Willamette), tortrix. Use 1 1/2-2 1/2 pt. Do not apply within 14 days of harvest. (3 1/2 pt.)

#### PRUNES (Calif. Only)

Peach twig borer. Use 1 1/2 pt. in full coverage spray. Do not apply within 14 days of harvest. (3 1/2 pt.)

### VEGETABLE AND FIELD CROPS

(ALSO READ DIRECTIONS FOR USE)

Unless otherwise indicated, dosages are given in pints per acre in sufficient water to provide thorough coverage. Begin applications when insects first appear and repeat at 7-10 day intervals as needed to maintain control, but observe use limitations given for specific crops.

#### EXPLANATORY COMMENTS

**Armyworms:** Recommendation applies only for control up to 3rd instar stage.

**Cutworms:** Recommendation applies only to climbing species.

#### ALFALFA—Alfalfa Weevil Larvae

Calif. & Nev. Apply 1 1/2 pt. max. per acre in 15-20 gal. water when 75% of terminals show feeding damage.

#### Areas Other Than Calif. & Nev.

Apply 1 1/2 pt. per acre to stubble immediately after removal of alfalfa, usually not later than May 25. (4 1/2 pt.)

OR

Apply when 75% of terminals show feeding damage or not less than 1 1/2 pt. per acre. (7 1/2 pt.)

**CAUTION:** Do not apply during bloom to avoid injury to bees. Do not apply within 15 days of cutting or forage use. Birds and other wildlife in treated areas may be killed.

#### ALFALFA, CLOVER, VETCH

Aphids (green bug, spotted alfalfa aphid), alfalfa caterpillars, armyworms, grasshoppers. Use 1 1/2 pt. maximum per acre in Calif. & Nev.; for other areas use 1 1/2 pt. per acre.

Blister beetle, flea beetle, leafhopper, mites. Use 1 1/2 pt. max. per acre in Calif. & Nev.; for other areas use 1 1/2-2 1/2 pt. per acre.

**CAUTION:** Do not apply during bloom. Birds and other wildlife in treated areas may be killed. Do not apply within 15 days of cutting or forage use.

#### ARTICHOKE

Aphids, plum moth. Use 1 1/2 pt. Do not apply within 15 days of harvest. (4 1/2 pt.)

#### BEANS (Dry)

Aphids, armyworms, leafhopper, leaf miner, leaf roller, Mexican bean beetle, spider mites. Use 1 1/2-2 1/2 pt. Do not apply within 15 days of harvest. (4 1/2 pt.)

#### BEANS (Green)

Aphids, armyworms, leafhopper, leaf miner, leaf roller, Mexican bean beetle, spider mites. Use 1 1/2-2 1/2 pt. Do not apply within 21 days of harvest. (2 1/2 pt.)

#### BEETS, Red

Aphids, blister beetles, webworms. Use 1 1/2-1 3/4 pt. Do not apply within 15 days of harvest; 21 days if tops are to be used as food. (1 1/2 pt.)

#### BLACKKEYED PEAS, PEAS

Aphids, pea weevil. Use 1 1/2 pt. Do not apply within 15 days of harvest. (2 1/2 pt.)

#### CARROTS

Aphids, vegetable weevil. Use 1 1/2-1 3/4 pt. Do not use treated carrot tops for food or feed. Do not apply within 15 days of harvest. (1 1/2 pt.)

#### CELERY

Aphids, celeryworms, celery leaf tier. Use 2 1/2-1 3/4 pt. (2 1/2 pt.—21 days of harvest; over 2 1/2 to 1 3/4 pt.—30 days.)

#### COLE CROPS

Broccoli, Brussels sprouts, cabbage, cauliflower, kohlrabi. Aphids, vegetable weevil. Use 1 1/2-2 1/2 pt. Cabbage looper. Use 2 1/2 pt.

#### Rates & Use Limitation

Cabbage: 2 1/2 pt.—10 days; over 2 1/2 to 1 3/4 pt.—21 days.

Broccoli, Brussels sprouts, cauliflower: 2 1/2 pt.—7 days; over 2 1/2 to 1 3/4 pt.—21 days.

Kohlrabi: 2 1/2 to 1 3/4 pt.—7 days.

#### COLLARDS, KALE, MUSTARD GREENS, SPINACH

Aphids, cabbage looper, leaf miner, vegetable weevil. Use 2 1/2 pt. Do not apply within 21 days of harvest. (2 1/2 pt.)

#### CORN (Field)

Aphids, armyworms, budworm, spider mites. Use 1 1/2-2 1/2 pt. Corn rootworm adults (make full coverage application to foliage when adult beetles become numerous and repeat as necessary). Use 1 1/2 pt.

European corn borer. Use 1 1/2 pt. Make one or more applications when borer damage threatens depending on the extent of infestation and degree of control desired. Consult your State Agricultural Experiment Station for proper timing of treatments.

**Limitations:** Do not apply within 12 days of harvest or cutting for forage. (1 1/2 pt.)

#### CORN (Sweet)

Armyworms, spider mites. Use 1 1/2 pt. Do not apply within 12 days of harvest. (1 1/2 pt.)

#### COTTON

Aphids, armyworms, boll weevil, stink bug. Use 1 pt. Boll weevil, overwintered boll weevil, salt-marsh caterpillar. Use 2 1/2 pt.

Bollworm, tobacco budworm. Use 1 1/2-1 1/4 pt. Brown cotton leafworm, cotton leafworm, flea hopper, garden webworm, leafhoppers, leaf rollers, lygus, red spider mites, serpentine leaf miner, thrips. Use 1 1/2 pt.

**Limitations:** Do not apply within 7 days of hand picking. Workers entering fields within 24 hours of application should wear protective clothing. (1 1/2 pt.)

#### CUCUMBERS, MELONS, PUMPKINS, SQUASH (Summer & Winter)

Aphids, armyworms, leafhopper, leaf miner, leaf roller, Mexican bean beetle, spider mites, squash bug, thrips. Use 1 1/2-2 1/2 pt. Do not apply within 15 days of harvest. (4 1/2 pt.)

#### Rates & Use Limitations

Cucumber: 1 1/2 pt.—10 days of harvest.  
Melon: 2 1/2 pt.—10 days of harvest.  
Pumpkin: 1 1/2 pt.—10 days of harvest.  
Squash: 2 1/2 pt.—10 days of harvest.

#### GRASS (Hay & Pasture)

Aphids (green bug, spotted alfalfa aphid), alfalfa caterpillar, armyworms, cutworms, grasshoppers. Use 1 1/2-2 1/2 pt. Spider mites, webworms—use 1 1/2-1 3/4 pt. Do not apply within 15 days of pasturing or harvest. (2 1/2 pt.)

#### LETTUCE (Leaf, Bibb, Head)

Aphids, leaf miner, lettuce root miner. Use 2 1/2 pt. Do not use within 21 days of harvest. (1 1/2 pt.)

#### ONIONS

Onion thrips. Use 2 1/2 pt. Do not apply within 15 days of harvest. (1 1/2 pt.)

#### PEPPERS

Leaf miner. Use 1 1/2-1 3/4 pt. Do not apply within 15 days of harvest. (1 1/2 pt.)

#### POTATOES

Colorado potato beetle, leafhoppers, leaf miner, plant bugs, potato psyllids, thrips, weevils, weevils. Use 1 1/2-2 1/2 pt. Do not apply within 5 days of harvest. (1 1/2 pt.)

#### RUTABAGAS

Aphids, leaf miner. Use 2 1/2 pt. Do not apply within 21 days of harvest. (1 pt.)

#### SMALL GRAINS

(BARLEY, OATS, WHEAT): Aphids (green bug), armyworms, black grass bug (tribolia), blister beetle, brown wheat mite (Petrobia), grasshoppers, leafhoppers, stink bugs. Use 1 1/2-2 1/2 pt.

Fall armyworms, winter grain mites. Use 1 1/2 pt.

#### Rates & Use Restrictions:

1 pt.—15 days of harvest.

#### SORGHUM

Corn earworm, corn leaf aphids, false chinch bug, sugarcane weevil, stink bugs. Use 1 1/2 pt. Sorghum midge. Use 1 1/2-2 1/2 pt. Do not apply within 21 days of harvest. May cause injury to some varieties of sorghum. (1 1/2 pt.)

#### SOYBEANS

Aphids, bollworm, fall armyworm, stink bugs, three colored alfalfa hopper, velvet bean caterpillar. Use 1 1/2-2 1/2 pt. Do not apply within 20 days of harvest. (2 1/2 pt.)

#### SUGAR BEETS

Alfalfa looper, aphids, armyworms, blister beetles, cutworms, flea beetle, grasshopper, leafhopper, leaf miner, lygus bug, mites, stink bugs, sugar beet webworm. Use 1 1/2-2 1/2 pt. Do not apply within 20 days of harvest; 30 days if tops are to be fed to livestock. (4 1/2 pt.)

#### TOMATOES

Aphids, armyworms, cabbage looper, grasshoppers, leaf miners, spider mites, tomato russet mite, white fly. Use 1 1/2-2 1/2 pt. Do not apply within 15 days of harvest. (1 1/2 pt.)

#### TURNIPS

Aphids, cabbage looper, vegetable weevil. Use 1 1/2 pt. Do not apply within 15 days of harvest (21 days if tops are to be used as food). (1 1/2 pt.)

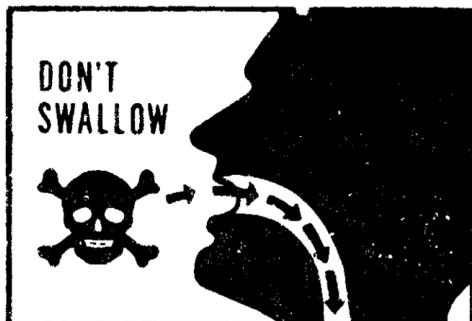
Do not apply more than two applications per growing season.

ACCEPTED

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UNDER THE FEDERAL INSECTICIDE  
FUNGICIDE AND RODENTICIDE ACT  
FOR ECONOMIC POISON REGISTERED  
ED UNDER NO. 476-1989. SUBJECT  
TO ATTACHED COMMENTS.

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Poisonous if vapor or mists from sprays are breathed. Vapors are not visible. Never work with parathion or in parathion treated areas without protective clothing and equipment.

**POISONOUS TO FISH & WILDLIFE:** Toxic to fish and wildlife. Birds and other wildlife in treated areas may be killed. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. Keep out of any body of water. Do not apply when weather conditions favor drift from treated areas. Do not apply where run-off is likely to occur.

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EMULSIFIABLE LIQUID

**ORGANOPHOSPHORUS INSECTICIDE**

Active Ingredients — Parathion:  
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O,O-dimethyl O-p-nitrophenyl  
phosphorothioate\* .....29.1%  
Xylene range solvent ..... 7.1%  
Inert Ingredients ..... 5.5%  
Contains 6 lb. Parathion & 3 lb. \*Methyl Parathion/Gal.  
Read Label Folder for additional use precautions,  
directions for use, recommendations and container  
disposal. EPA Reg. No. 476-1989

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first aid treatment, information  
posting treated areas.

*NOTICE: Stauffer Chemical  
warranties, express or implied  
of merchantability and/or  
purpose concerning this material  
are contained on Stauffer's*

Made in USA By



**STAUFFER CHEMICAL COMPANY**

**WESTPORT, CT 06880**

BEL

# DANGER

Keep Out of Reach of Children

## WORK SAFETY RULES

**USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT:** (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.

Keep unprotected persons and children away from treated area or where there is danger of drift.

Do not rub eyes or mouth with hands. Do not smoke. Before removing gloves, wash them with soap and water. If you feel sick in any way STOP work and get help right away. Tell foreman or have someone call him. Call a physician, clinic or hospital immediately.

**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 work clothing.

All protective clothing and equipment should be washed with soap and water after each use. Respirators 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 surfaces, eyes and by contact with skin through wet clothes. Worker who shows any of the following poisoning signs must receive immediate medical treatment or he may die.

**Signs and Symptoms of Poisoning Are:** Headache, nausea, vomiting, cramps, blurred vision, pin-point pupils, tightness of chest, labored breathing, weakness, nervousness, sweating, watering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma.

**POSTING TREATED AREA:** Consult state regulatory agencies for posting regulations and requirements.

## FIRST AID TREATMENT

*Speed is essential to stop absorption of poison. If possible, one person should make telephone calls while another begins treatment.*

Call a physician, clinic or hospital immediately in all cases of suspected poisoning. Explain victim exposed to parathion; describe his condition. **Until medical help is available take following steps.**

**IF BREATHING HAS STOPPED,** start artificial respiration immediately and continue until physician sees victim.

**IF SWALLOWED** and victim is awake (conscious) make him vomit quickly. First, give soapy water or strong salty water to drink then stroke back of throat with finger to make victim vomit. Repeat by giving more water and make vomit again until vomit fluid is clear. **Never give anything by mouth to an unconscious person.** Have victim lie down and keep quiet.

**IN CASE OF SKIN CONTACT,** immediately remove wet clothing and shoes and flush skin with water for at least 15 minutes.

**EYE CONTACT:** If splashed in eyes, immediately flush eyes with water for at least 15 minutes.

*After first aid is given and physician can not come take victim to clinic or Hospital. Bring "Label Folder." Give to physician.*

## NOTE TO PHYSICIAN

**ANTIDOTE**—Administer **atropine sulfate** in large doses, 2.0 to 4.0 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 system, producing cardiac and respiratory depression.

At first signs 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 is indicated for at least 48 to 72 hours.

# LINE™

## R HOME USE

panels for poison precautions, symptoms, treatment, information for physician and treated areas.

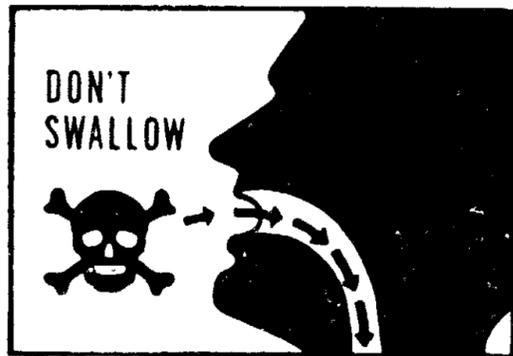
Stauffer Chemical Company makes no warranty, express or implied, including the warranties of stability and/or fitness for any particular use concerning this material, except those which are stated on Stauffer's label. ARC-711230-67

# COMPANY

380

GAL. NET

**DANGER – POISON – PRECAUTIONS** ☠



**POISONOUS IF SWALLOWED**

Even in small amounts!



**POISONOUS BY SKIN CONTACT**

Poisonous if touched by hands or spilled or splashed on skin, in eyes or on clothes (liquid goes through clothes).



**POISONOUS IF BREATHED**

Poisonous if vapor or mists from sprays are breathed. Vapors are not visible. Never work with parathion or in parathion treated areas without protective clothing and equipment.

**POISONOUS TO FISH & WILDLIFE:** Toxic to fish and wildlife. Birds and other wildlife in treated areas may be killed. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. Keep out of any body of water. Do not apply when weather conditions favor drift from treated areas. Do not apply where run-off is likely to occur.

STOP —



**POISON**

See Side Panels for Antidote & Precautions

**PARA**  
EMULSI

**ORGANOPHOSPHORUS INSECTICIDE**

Active Ingredients — Parathion:  
 O,O-diethyl O-p-nitrophenyl phosphorothioate... 5  
 O,O-dimethyl O-p-nitrophenyl phosphorothioate\* ..... 29  
 Xylene range solvent ..... 7  
 Inert Ingredients ..... 5  
 Contains 6 lb. Parathion & 3 lb. \*Methyl Parathion  
 Read Label Folder for additional use precautions, directions for use, recommendations and container disposal.  
 EPA Reg. No. 476-

**Stauffer CHEMICAL** **STAUFFER CHEMICAL**  
**WESTPORT**

STOP — READ THE LABEL

**POISON**

See Side Panels  
for Antidote &  
Precautions



**DANGER**

Keep Out of  
Reach of  
Children

# PARA-NINE™

EMULSIFIABLE LIQUID

ORGANOPHOSPHORUS INSECTICIDE

Active Ingredients — Parathion:

O,O-diethyl O-p-nitrophenyl phosphorothioate	58.3%
O,O-dimethyl O-p-nitrophenyl phosphorothioate*	29.1%
Xylene range solvent	7.1%
Inert Ingredients	5.5%

Contains 6 lb. Parathion & 3 lb. Methyl Parathion/Gal.

Read Label Folder for additional use precautions, directions for use, recommendations and container disposal. EPA Reg. No. 476-1989

NOT FOR HOME USE

See side panels for poison precautions, symptoms, first aid treatment, information for physician and posting treated areas.

*NOTICE: Stauffer Chemical Company makes no warranties, express or implied, including the warranties of merchantability and/or fitness for any particular purpose concerning this material, except those which are contained on Stauffer's label. ARC-711230-87*

Made in USA By



**STAUFFER CHEMICAL COMPANY**

WESTPORT, CT 06880

GAL. NET

## WORK SAFETY RULES

**USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT:** (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.

Keep unprotected persons and children away from treated area or where there is danger of drift.

Do not rub eyes or mouth with hands. Do not smoke. Before removing gloves, wash them with soap and water. If you feel sick in any way STOP work and get help right away. Tell foreman or have someone call him. Call a physician, clinic or hospital immediately.

**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 work clothing.

All protective clothing and equipment should be washed with soap and water after each use. Respirators 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 surfaces, eyes and by contact with skin through wet clothes. Worker who shows any of the following poisoning signs must receive immediate medical treatment or he may die.

**Signs and Symptoms of Poisoning Are:** Headache, nausea, vomiting, cramps, blurred vision, pin-point pupils, tightness of chest, labored breathing, weakness, nervousness, sweating, watering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma.

**POSTING TREATED AREA** Consult state regulatory agencies for posting regulations and requirements.

## FIRST AID TR

Speed is essential to stop... if possible, one person should call while another begins...

Call a physician, clinic or hospital in cases of suspected poisoning to parathion; describe his condition. If a physician is available take following steps:

**IF BREATHING HAS STOPPED** immediately and continue until breathing resumes.

**IF SWALLOWED** and victim is conscious, give him vomit quickly. First, give him salty water to drink then stroke his back with your finger to make victim vomit. Repeat until vomit is clear and make vomit again until vomit is clear.

**IF GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS VICTIM** lie down and keep quiet.

**IN CASE OF SKIN CONTACT** remove contaminated clothing and shoes and flush skin with water for 15 minutes.

**EYE CONTACT:** If splashed in eyes with water for at least 15 minutes.

After first aid is given, do not come take victim to hospital. Bring "Label Folder."

## NOTE TO PHYSICIAN

**ANTIDOTE**—Administer atropine 2.0 to 4.0 mg. intravenously or subcutaneously as cyanosis is overcome. Repeat every 15 to 30 minutes until signs of atropinization are present. Atropine is also antidotal and may be administered with atropine. **Do not give morphine.**

Parathion is a strong cholinesterase inhibitor. The central and peripheral nervous systems, cardiac and respiratory depression may occur. At first signs of pulmonary edema, give supplemental oxygen and continue administration of atropine. Continued absorption of the poison may cause relapses have been reported. Very close supervision is indicated for 72 hours.

## SAFETY RULES

**WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT:** (1) Wear waterproof coat, hat, rubber boots or rubber overshoes, safety goggles. (2) Wear mask or respirator approved by the U. S. Bureau of Mines for parathion protection. Wear heavy duty natural rubber gloves.

Protect persons and children away from treatment area where there is danger of drift.

Wash eyes or mouth with hands. Do not smoke. Remove clothing, wash them with soap and water. If sick in any way STOP work and get help right away from foreman or have someone call him. Call a physician or clinic or hospital immediately.

Wash hands, face and arms with soap and water after smoking, eating or drinking.

**WORK:** take off all work clothes and shoes. Wash with soap and water. Wear only clean clothes for next job. **DO NOT** wear contaminated work clothes.

Wash work clothes and equipment should be washed with soap and water after each use. Respirators should be cleaned and filter replaced according to instructions for use with respirator.

## POISON SIGNS (Symptoms)

Parathion is a very dangerous poison. It rapidly enters the body on contact with all skin surfaces, eyes and mouth, and through wet clothes. Worker who exhibits any of the following poisoning signs must receive immediate medical treatment or he may die.

**Symptoms of Poisoning Are:** Headache, nausea, vomiting, cramps, blurred vision, pin-point pupils, chest pain, labored breathing, weakness, nervousness, watering of eyes, drooling or frothing at the mouth, and nose, muscle spasms and coma.

**TREATED AREA:** Consult state regulatory agency for posting regulations and requirements.

## FIRST AID TREATMENT

*Speed is essential to stop absorption of poison. If possible, one person should make telephone calls while another begins treatment.*

Call a physician, clinic or hospital immediately in all cases of suspected poisoning. Explain victim exposed to parathion; describe his condition. **Until medical help is available take following steps.**

**IF BREATHING HAS STOPPED,** start artificial respiration immediately and continue until physician sees victim.

**IF SWALLOWED** and victim is awake (conscious) make him vomit quickly. First, give soapy water or strong salty water to drink then stroke back of throat with finger to make victim vomit. Repeat by giving more water and make vomit again until vomit fluid is clear. **Never give anything by mouth to an unconscious person.** Have victim lie down and keep quiet.

**IN CASE OF SKIN CONTACT,** immediately remove wet clothing and shoes and flush skin with water for at least 15 minutes.

**EYE CONTACT:** If splashed in eyes, immediately flush eyes with water for at least 15 minutes.

*After first aid is given and physician can not come take victim to clinic or Hospital. Bring "Label Folder." Give to physician.*

## NOTE TO PHYSICIAN

**ANTIDOTE**—Administer **atropine sulfate** in large doses, 2.0 to 4.0 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 system, producing cardiac and respiratory depression.

At first signs 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 is indicated for at least 48 to 72 hours.

**WARNING**  
KEEP AWAY FROM FEED or FOOD PRODUCTS  
**POISON**  
CAUTION—DO NOT DROP  
BREATHE FUMES  
DO NOT TOUCH CONTENTS  
SWALLOW  
This is to certify that the contents of this package are properly described by name and are packed and transported according to the Regulations prescribed by the Department of Transportation.  
STAUFFER CHEMICAL COMPANY  
WESTPORT, CONN. 06880  
Delet 1/9/72

**ORGANIC PHOSPHATE COMPOUND  
MIXTURES, LIQUID, N.O.S.**