

## USE PRECAUTIONS

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 lakes, streams, and ponds. Birds and other wildlife in treated areas may be killed. Do not apply when weather conditions favor drift from areas treated. Do not apply where runoff is likely to occur. 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.

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

## 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 supplies.

**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. Bury rinse solution 18" deep. Punch holes in top and bottom of container, crush and bury. 5 gal. drum: Pour 2 qt. of water into empty drum. Slowly add ½ 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 lb. 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. 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.

U.S.D.A. Registration No 6735-113

# TIDE

Symbol of Quality

# PARATHION & -E

**NOTICE: SELLER WARRANTS THAT THE PRODUCT CONFORMS TO ITS CHEMICAL DESCRIPTION AND IS REASONABLY FIT FOR THE PURPOSE STATED ON THE LABEL WHEN USED IN ACCORDANCE WITH DIRECTIONS UNDER NORMAL CONDITIONS OF USE, BUT NEITHER THIS WARRANTY NOR ANY OTHER WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, EXPRESS OR IMPLIED, EXTENDS TO THE USE OF THIS PRODUCT CONTRARY TO LABEL INSTRUCTIONS, OR UNDER CONDITIONS NOT REASONABLY FORSEEABLE TO SELLER, AND BUYER ASSUMES THE RISK OF ANY SUCH USE.**

A PRODUCT OF

**TIDE PRODUCTS, INC.**

EDINBURG, TEXAS 78539

**ONLY the BEST . . . is fit to be TIDE**

NOTE: Preparation of nurse tank emulsion (for transfer of smaller amounts to application rigs) should provide for efficient agitation to prevent emulsion settling.

## SUGGESTED WATER RATES

### FOR AIRCRAFT AND GROUND APPLICATION.

The actual rate required to provide thorough, uniform coverage varies with plant growth at time of application. Except as specified for certain uses, the following rates are therefore intended to cover a broad range of growing conditions.

Crop	Gal. Water/Acre	
	Aircraft	Ground
Vegetable and Field Crops	1-20	20-125

## RECOMMENDATIONS

**BEANS:** Aphids, Armyworms, Leafhopper, Leaf Miner, Leaf Roller, and Mexican Bean Beetle—Use ¼-½ pt. per acre in sufficient water for thorough coverage. Repeat applications at 7 to 10 day intervals until controlled. Do not apply within 15 days of harvest.

**BEEFS:** Aphids, Leafhoppers, Webworm — Use ¼ - ½ pt. per acre in sufficient water for thorough coverage. Do not apply within 15 days of harvest (21 days if treated tops are to be used for food or feed).

**CABBAGE, BROCCOLI, BRUSSELS SPROUTS, CAULIFLOWER, KALE, MUSTARD, TURNIP:** Aphids, Armyworm, Diamond-Back Moth, Imported Cabbageworm, Thrips — Use ¼ pt. per acre in sufficient water for thorough coverage. Do not apply within 7 days of harvest.

**COTTON:** Aphids, Red Spider Mites — Use ¼ to ½ pt. per acre in sufficient water for thorough coverage. Do not apply within 5 days of hand-picking or 15 days if cotton trash is to be fed to dairy animals or animals being finished for slaughter.

**CUCUMBER, SQUASH and MELONS:** Aphids, Cucumber Beetle, Melonworm, Pickleworm, Serpentine Leafminer — Use ¼ - ½ pt. per acre in sufficient water for thorough coverage. Do not apply unless plants are dry nor until runners begin to form. Do not apply within 15 days of harvest on cucumbers and squash; 7 days on melons.

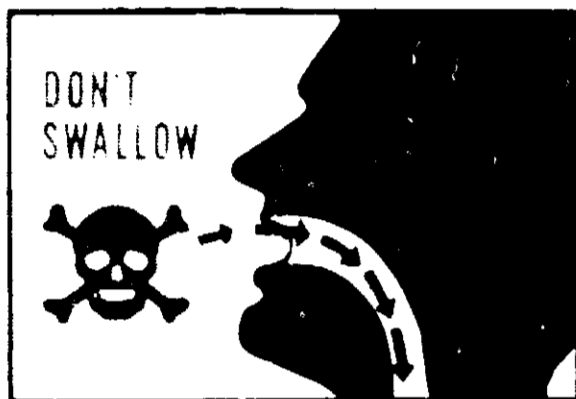
**FORAGE CROPS (Alfalfa, Barley, Clover, Oats, Vetch, Wheat):** Aphids, Armyworms, Blister Beetles, Grasshoppers — Use ¼ to ½ pt. per acre in sufficient water for thorough coverage at first sign of infestation. Do not apply within 15 days of harvest or forage use.

**LETTUCE:** Aphids, Leafhoppers — Use ¼ pt. per acre in sufficient water for thorough coverage. Do not apply within 7 days of harvest on head lettuce. On leaf lettuce do not apply within 14 days of harvest.

**TOMATO, POTATO, EGGPLANT, PEPPERS:** Aphids, Flea Beetle, Leafhopper, Psyllids, Serpentine Leaf Miner — Use ¼ pt. per acre in sufficient water for thorough coverage. Do not apply within 10 days of harvest on tomatoes, 5 days on potatoes, and 15 days on eggplant and peppers.

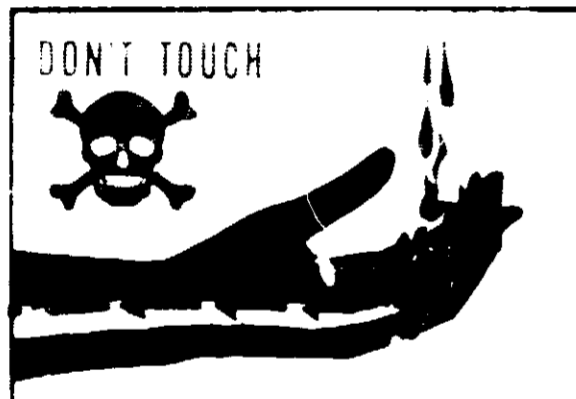
ACCEPTED WITH COMMENTS

**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



**DANGER**

Keep Out of Reach of Children

**PARATHION 8-E**

**ORGANOPHOSPHORUS INSECTICIDE**

Emulsifiable Liquid Agricultural Insecticide  
Contains 8 lbs. Parathion per Gal.

**ACTIVE INGREDIENTS:**

Parathion (O,)-diethyl O-p-nitro-phenyl thiophosphate	80.83%
Xylene	11.17%

**INERT INGREDIENTS:**

USDA Reg. 6735-113

8.00%

100.00%

**NOT FOR HOME USE**

Read Instruction Label for additional use precautions, directions for use, recommendations and container disposal.

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

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EDINBURG, TEXAS 78539

STOP — READ THE LABEL



**DANGER**

Keep Out of  
Reach of  
Children

# PARATHION 8-E

**PHOSPHORUS INSECTICIDE**

**NOT FOR HOME USE**

Concentrate Liquid Agricultural Insecticide  
8 lbs. Parathion per Gal.

Read Instruction Label for additional use  
precautions, directions for use, recommenda-  
tions and container disposal.

**ACTIVE INGREDIENTS:**

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

Parathion (O,O)-diethyl O-p-nitro-

80.83%

phosphorothioate

11.17%

and

**INERT INGREDIENTS:**

8.00%

Reg. 6735-113

100.00%

\_\_\_\_\_ GAL. NET

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## 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.