

**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 wastes. Apply this product only as specified on this label.

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.

**DANGER**

**DANGER:** Poisonous if swallowed, inhaled, or absorbed through skin! Rapidly absorbed through skin.

**POISONING SYMPTOMS:** Headache, blurred vision, weakness, nausea, cramps, diarrhea, discomfort in chest.

**ANTIDOTE:** Atropine is the specific antidote. Obtain emergency supply of Atropine 1/100 grain tablets from your physician. Keep on hand.

**CALL A PHYSICIAN IMMEDIATELY** if persons handling or



**POST TREATED AREA**

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

**FOR ALL EMPTY CONTAINERS**

**DO NOT** re-use the container. Completely empty the contents and bury unused chemical at least 18 inches deep in an isolated location away from water supplies.

**GLASS CONTAINERS**-Break the container and bury the pieces at least 18 inches deep in a isolated location away from water supplies.

**METAL CONTAINERS-**

**1-GALLON CANS**- Pour 1 pt. of water into empty can and add 1 tablespoonful household detergent. Rotate can carefully to wet all inner surfaces with the solution. Bury rinse solution at least 18 inches deep in an isolated location away from water supplies. Punch holes in top and bottom of cans, crush can, and bury deeply in an isolated location.

**5-GALLON, 30-GALLON and 55-GALLON DRUMS**-Pour the following mixture into empty containers:

**5-GALLON DRUMS**-2 qts. water, 1/2 cup caustic soda (household lye), 2 tablespoons of detergent.

**30-GALLON DRUMS**-3 gallons water, 1 lb. caustic soda (household lye), 1/2 cup detergent.

**55-GALLON DRUMS**-5 gallons water, 2 lb. caustic soda (household lye), 1 cup detergent.

Rotate container until all inner surfaces are thoroughly wet. Bury the rinse solution at least 18 inches deep in an isolated area away from water supplies.

**CAUTION:** Handle caustic soda (household lye) with extreme care. Do not get on skin, in eyes, or on clothing. Read and carefully follow the precautions on package. Punch holes in top and bottom of container, crush container. Bury deeply in an isolated area.

**IF THE ABOVE RINSE METHOD CANNOT BE USED**

Punch holes in TOP of container and burn in hot fire until all

**STOP-READ**

**POISON**

See Side Panels for Antidote & Precautions



Emuls:

Contains 4 Lbs. Meth  
Gallon

**ACTIVE INGREDIENTS:**

O-Ethyl O-p-Nitro  
phosphonothioat  
O, O-Dimethyl O-p



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 wastes. Apply this product only as specified on this label.

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.

## DANGER

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**POISONING SYMPTOMS:** Headache, blurred vision, weakness, nausea, cramps, diarrhea, discomfort in chest.

**ANTIDOTE:** Atropine is the specific antidote. Obtain emergency supply of Atropine 1/100 grain tablets from your physician. Keep on hand.

**CALL A PHYSICIAN IMMEDIATELY** if persons handling or working with Parathion develop poisoning symptoms.

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

## ✚ 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 salt 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.

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### IF THE ABOVE RINSE METHOD CANNOT BE USED

Punch holes in TOP of container and burn in hot fire until all paint has been completely burned off container. Extreme care should be exercised to insure that containers are completely empty and that persons stay well away from smoke and fumes. Do not attempt to burn more than 5 containers at one time.

### 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.**



Emulsi

Contains 4 Lbs. Methyl  
Gallon

### ACTIVE INGREDIENTS:

O-Ethyl O-p-Nitro  
phosphonothioate

O, O-Dimethyl O-p-  
Thiophosphate\*\*

Xylene .....

### INERT INGREDIENTS:

\*(EPN)

\*\*Methyl Parathi

**DO NOT RE-USE THIS**



**STOP - READ LABEL BEFORE USING!**

**POISON**

**See Side Panels  
for Antidote &  
Precautions**



**DANGER**

**Keep Out of  
Reach of  
Children**



**METHYL - EPN 42**

**Emulsifiable Concentrate**

**Contains 4 Lbs. Methyl Parathion and 2 Lbs. EPN per  
Gallon**

**ACTIVE INGREDIENTS:**

- O-Ethyl O-p-Nitrophenyl Phenyl-  
phosphonothioate\* ..... 21.1%**
- O, O-Dimethyl O-p-Nitrophenyl**

**DANGER**

**DANGER: BEFORE USING READ THIS  
LABEL CAREFULLY.**

Vacated areas should not be re-  
entered until drifting insecticide  
and volatile residues have dissipated.

Do not contaminate feed and food-  
stuffs.

Keep away from heat and open flame.  
Use only for recommended purposes  
and at recommended dosages. Do not  
hand pick or harvest within 7 days  
of application.

Do not graze or feed dairy animals  
and animals being finished for  
slaughter on treated fields or  
treated cotton trash.

**NOT FOR HOME USE.**

**GENERAL DIRECTIONS**

**METHYL - EPN 42** is an emulsifiable concentrate which contains 4 lbs.  
Methyl Parathion and 2 lbs. EPN for use on cotton insects.  
It is suitable for use in conventional hydraulic sprayers and airplane sprayers.  
For aerial application, dilute in 1 to 3 gallons of water per acre.

**COTTON:** For control of thrips, certain spider mites, cotton fleahoppers,  
boll weevil, bollworms, yellow striped armyworm, and garden webworm  
apply when insects appear and repeat at 5 day intervals as necessary.

**SOYBEANS**

$\frac{1}{2}$  pint p  
Alfalfa  
(includi  
 $\frac{1}{2}$  to 1 p  
apply 3/  
Velvetbe  
4/5 to 1  
Green Cl  
and Mexi  
1 pint p  
Armyworm  
Leaf Bee  
apply 2

Do not  
from fi  
2 pints  
after 1  
harvest  
applica  
than on



METHYL - EPN 42

Emulsifiable Concentrate

Contains 4 Lbs. Methyl Parathion and 2 Lbs. EPN per Gallon

ACTIVE INGREDIENTS:

- O-Ethyl O-p-Nitrophenyl Phenyl-phosphonothioate\* ..... 21.1%
- O, O-Dimethyl O-p-Nitrophenyl Thiophosphate\*\* ..... 42.1%
- Xylene ..... 27.5%

INERT INGREDIENTS: ..... 9.3%

TOTAL.....100.0%

\*(EPN)

\*\*Methyl Parathion

DO NOT RE-USE THIS CONTAINER FOR ANY PURPOSE

Keep away from heat and open flame. Use only for recommended purposes and at recommended dosages. Do not hand pick or harvest within 7 days of application.

Do not graze or feed dairy animals and animals being finished for slaughter on treated fields or treated cotton trash.

NOT FOR HOME USE.

GENERAL DIRECTIONS

METHYL - EPN 42 is an emulsifiable concentrate which contains 4 lbs. Methyl Parathion and 2 lbs. EPN for use on cotton against insects. It is suitable for use in conventional hydraulic sprayers and airplane sprayers for aerial application. Dilute in 1 to 5 gallons of water per acre.

COTTON: For control of thrips, certain spider mites, cotton fleahoppers, boll weevils, bollworms, yellow striped armyworm, and garden webworm apply when insects appear and repeat at 5 day intervals as necessary.

Insect	Cotton Size	Product/Acre	Acre/Gal
Thrips	Seedling	4 oz/A	32
Certain Species Spider Mites		8 oz/A	16
Lygus Bugs & Other Mirids		4 oz/A	32
Cotton Fleahopper	Squaring	4 oz/A	32
Yellow Striped Armyworm		32 oz/A	4
Garden Webworm		8 oz/A	16
Overwintered Boll Weevil		16 1/2 oz/A	20
Certain Species Spider Mites		8 oz/A	16
Cotton Aphid		8 oz/A	16
Boll Weevil	Late Season	16 oz/A	8
Bollworm		32 oz/A	4
Cotton Leafworm		16 1/2 oz/A	12
Fall Armyworm		8 oz/A	16

Workers entering fields within 24 hours after application should

Do not graze from field 2 pints per acre after last harvest with application than once

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A N G E R

BE USING READ THIS  
L CAREFULLY.

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drifting insecticide  
residues have dissipated.

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n heat and open flame.  
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1.

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being finished for  
created fields or  
trash.

USE.

#### DIRECTIONS

substitutable concentrate which contains 4 lbs  
PS for use on cotton  
insects,  
insect sprayers and airplane sprayers  
1 to 3 gallons of water per acre.

ps certain spider mites, cotton fleahoppers

**SOYBEANS:** Cutworms, Climbing - apply  
 $\frac{1}{2}$  pint per acre; Three-cornered  
Alfalfa Treehopper and Webworms  
(including Garden Webworms) - apply  
 $\frac{1}{2}$  to 1 pint per acre; Stink Bug -  
apply  $\frac{3}{4}$  - 2 pints per acre;  
Velvetbean Caterpillar - apply  
 $\frac{4}{5}$  to 1 pint per acre; Aphids,  
Green Cloverworms, Cabbage Loopers,  
and Mexican Bean Beetles - apply  
1 pint per acre; Armyworms, Fall  
Armyworms (to 3rd instar), Bean  
Leaf Beetles and Corn Earworms -  
apply 2 pints per acre.

Do not graze livestock or feed forage  
from fields treated with up through  
2 pints per acre within 21 days  
after last application. Do not  
harvest within 21 days of last  
application. Do not apply more  
than once per growing season.

ACCEPTED

#### 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.

#### POISON SIGNS (Symptoms)

Parathion is a very dangerous poison. It rapidly enters the body by 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.

NOTICE OF WARRANTY



recommended dosages. Do not harvest within 7 days on.

Do not feed dairy animals being finished for treated fields or on trash.

**USE.**

**DIRECTIONS**

Emulsifiable concentrate which contains 4 lbs. EPN for use on cotton against insects, conventional hydraulic sprayers and airplane sprayers in 1 to 5 gallons of water per acre.

thrips, certain spider mites, cotton fleahoppers, low striped armyworm, and garden webworm and repeat at 5 day intervals as necessary.

Cotton Size	Product/Acre	Acres/Gal
Seedling	4 oz/A	32
	8 oz/A	16
	4 oz/A	32
Squaring	4 oz/A	32
	3 1/2 oz/A	4
	8 oz/A	16
	6 1/2 oz/A	20
	5 oz/A	16
Late Season	8 oz/A	16
	16 oz/A	8
	12 oz/A	4
	10 1/2 oz/A	12
	8 oz/A	16

Do not spray fields within 7 days of last application should wear protective clothing.

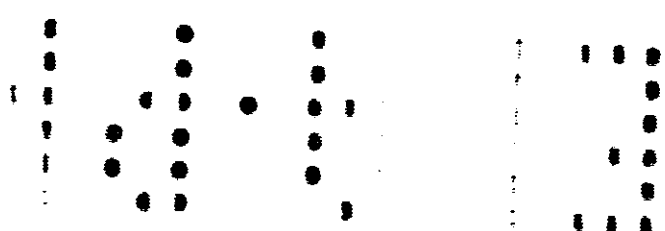
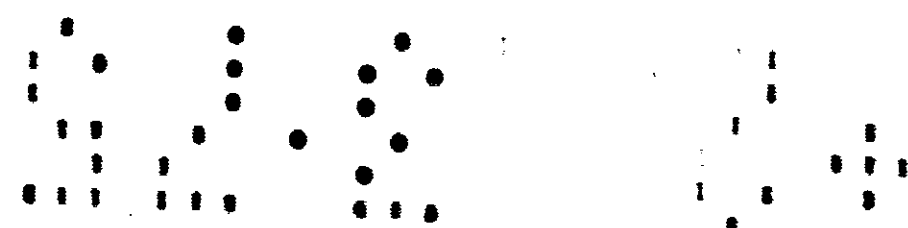
For more information contact your State Agricultural Extension Service for your area. **TIME ALL APPLICATIONS** follow Federal recommendations.

Do not harvest from fields treated with up through 2 pints per acre within 21 days after last application. Do not harvest within 21 days of last application. Do not apply more than once per growing season.

**ACCEPTED**

**MAY 30 1975**

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 5905-107.



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.

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**NOTICE OF WARRANTY**

Helena Chemical Company warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use and Conditions of Sale, subject to the inherent risks referred to therein.

Helena Chemical Company makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY, and no agent of Helena Chemical Company is authorized to do so except in writing, with a specific reference to this warranty. Any damages arising from a breach of this warranty shall be limited to direct damages, and not include consequential commercial damages such as loss of profit or value, etc.

EPA Reg. No. 5905-107

NET CONTENTS

U.S. GALLONS

Parathion and 2 Lbs. EPN per

Phenyl Phenyl-  
 ..... 21.1%  
 Chlorophenyl  
 ..... 42.1%  
 ..... 27.5%  
 ..... 9.3%  
 TOTAL.....100.0%

CONTAINER FOR ANY PURPOSE



NOT FOR HOME USE.

GENERAL DIRECTIONS

METHYL EPN 42 is an emulsifiable concentrate which contains 4 lbs. Methyl Parathion and 2 lbs. EPN for use on cotton against insects. It is suitable for use in conventional hydraulic sprayers and airplane sprayers for aerial application. Dilute in 1 to 5 gallons of water per acre.

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

Consult your County Agent or State Agricultural Extension Service for Specific recommendations in your area. TIME ALL APPLICATIONS in accordance with State and Federal recommendations.