

**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 vapors or mists from sprays are breathed. Vapors are not visible. Never work with methyl parathion or in methyl parathion treated areas without protective clothing and equipment.

**POISONOUS TO FISH AND 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.

This product is highly toxic to bees exposed to direct treatment. Residues on crops for treatment of bees should be retained for your Cooperative Agricultural Extension Service.

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

**F**  
For retail  
under the  
Certified

**POISON**

See Side Panel  
for Antidote  
Precautions

*Miller's*  
**METI**

ORGANOPHOSPHATE  
ACTIVE INGREDIENTS:  
O,O-dimethyl O-p-  
phosphorothioic  
Aromatic Petroleum  
INERT INGREDIENTS: . . .  
\*Methyl Parathion  
COMBUSTIBLE—K  
open flame.  
Read Label For  
cautions, directions  
and container

**NET CONTENT**

**PRECAUTIONS** ☠

**IF SWALLOWED**  
Symptoms!

**IF BY SKIN CONTACT**  
Washed by hands or spilled  
skin, in eyes or on clothes  
(rough clothes).

**IF BREATHED**  
Avoid fumes or mists from sprays  
if vapors are not visible. Nev-  
er inhale methyl parathion or in-  
fumes from treated areas without  
proper respiratory equipment.

\*e. Birds and other wildlife in treated areas may  
be recommended on this label. Do not apply where  
drift may not apply when weather conditions favor drift  
of residues on crops. Protective information may  
be obtained from the manufacturer.

**RESTRICTED USE PESTICIDE**  
For retail sale to and use only by Certified Applicators or persons  
under their direct supervision and only for those uses covered by the  
Certified Applicator's certification

**POISON**  
See Side Panels  
for Antidote &  
Precautions



**DANGER**  
Keep Out of Reach of Children  
JUN 23 1978

**EMULSIFIABLE LIQUID**

*Miller's*  
**METHYL PARATHION 4E**  
(4 lbs. Methyl Parathion per gallon)

**ORGANOPHOSPHORUS INSECTICIDE**  
ACTIVE INGREDIENTS:  
O,O-dimethyl O-p-nitrophenyl  
phosphorothioate\* 45.50%  
Aromatic Petroleum Derivative Solvents 47.62%  
INERT INGREDIENTS: 6.88%  
\*Methyl Parathion  
**COMBUSTIBLE**—Keep away from heat &  
open flame.  
Read Label Folder for additional use pre-  
cautions, directions for use, recommenda-  
tions and container disposal.

**AGRICULTURAL CHEMICAL**  
**NOT FOR HOME USE**  
See side panels for poison precautions,  
symptoms, first aid treatment, information  
for physician and posting treated areas.  
**NOTICE:** Follow directions carefully. Timing and  
method of application, weather and crop condi-  
tions, mixtures with other chemicals not specifi-  
cally recommended, and other influencing factors  
in the use of this product are beyond the control  
of seller. Buyer assumes all risks of use, storage  
or handling of this material not in strict accord-  
ance with directions given hereon.

**NET CONTENTS: \_\_\_\_\_ GALLON(S)**

**THE CHAS. H. LILLY CO.**  
PORTLAND, OREGON 97218  
EPA Est. 802-OR-1 EPA Reg. No. 802-498

## 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 methyl 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)

Methyl 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, pinpoint pupils, tightness of chest, labored breathing, weakness, restlessness, sweating, watering of eyes, drooping of eyelids, numbness, muscle spasms and coma.

**POSTING TREATED AREAS** 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 methyl 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. Induce vomiting by sticking finger down throat or by giving soapy or strong salty water to drink. Repeat 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

**AN IDIOTE—** Administer atropine sulfate in large doses, 2.0 to 4.0 mg intravenously or intramuscularly as soon as cyanosis is observed. Repeat at 5 to 10 minute intervals until signs of atropinization appear. **2-PAM chloride** is a so antidote and may be administered in conjunction with atropine. Do not give morphine or tranquilizers.

Methyl Parathion is a strong cholinesterase inhibitor affecting the central and peripheral nervous system, producing paralysis and respiratory depression.

At first signs of pulmonary edema, the patient should be given supplemental oxygen and treated with furosemide. Cardiac arrest if the poison may occur and fatal results have been reported after a 15 to 30 minute interval. Symptoms should be treated for at least 48 hours.

**DANGER - POISON - PRECAUTIONS** ☠

**DON'T SWALLOW**  **POISONOUS IF SWALLOWED**  
Even in small amounts!

**DON'T TOUCH**  **POISONOUS BY SKIN CONTACT**  
Poisonous if touched by hands or spilled or splashed on skin, in eyes or on clothes (liquid goes through clothes).

**DON'T BREATHE**  **POISONOUS IF BREATHED**  
Poisonous if vapors or mists from sprays are breathed. Vapors are not visible. Never work with methyl parathion or in methyl parathion treated areas without protective clothing and equipment.

**POISONOUS TO FISH AND 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 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.

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

**RESTRICTED**  
For retail sale to and under their direct supervision of Certified Applicators only.

**POISON**  
See Side Panels for Antidote & Precautions

*Miller's*  
**METHYL**  
(4 lbs.)

207-108

**ORGANOPHOSPHORUS INSECTICIDE**  
**ACTIVE INGREDIENTS:**  
O,O-dimethyl O-p-nitrophenyl phosphorothioate . . . . .  
Aromatic Petroleum Derivative Solvent  
**INERT INGREDIENTS:** . . . . .  
Methyl Parathion  
**COMBUSTIBLE**—Keep away from open flame.  
Read Label Folder for additional cautions, directions for use, restrictions and container disposal.

**PRECAUTIONS**

**IF SWALLOWED**

Do not induce vomiting unless directed by a physician. If swallowed, get medical attention immediately.

**BY SKIN CONTACT**

Wash thoroughly with soap and water. If spilled on skin, wash immediately. If spilled on clothes, wash clothes separately.

**IF BREATHED**

Move to fresh air. If symptoms persist, get medical attention. Do not use in enclosed areas. Do not use in areas where people, animals, or birds are present.

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**RESTRICTED USE PESTICIDE**  
 For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

**POISON**  
 See Side Panels for Antidote & Precautions



**DANGER ACCEPTED**  
 Keep Out of Reach of Children

JUN 23 1978  
 U.S. Environmental Protection Agency  
 Registration No. 492-498

*Miller's*

**METHYL PARATHION 4E**  
 (4 lbs. Methyl Parathion per gallon)

**ORGANOPHOSPHORUS INSECTICIDE**  
**ACTIVE INGREDIENTS**  
 O,O-dimethyl O-p-nitrophenyl phosphorothioate 45.50%  
 Aromatic Petroleum Derivative Solvents 47.62%  
**INERT INGREDIENTS** 6.65%  
 Methyl Parathion  
**COMBUSTIBLE**—Keep away from heat and open flame.  
 Read Label. For additional use precautions, directions, first aid, etc., see side panels and container label.

**AGRICULTURAL CHEMICAL**  
**NOT FOR HOME USE**  
 See side panels for poison precautions, symptoms, first aid treatment, information for physician and posting treated areas.  
**NOTICE:** Read and follow carefully the label and directions for application, weather, and mixing instructions with other pesticides. Do not spray on windward side of trees, shrubs, and other interfering factors. The use of this product involves the control of insects and assumes the risks of use, storage, and disposal of this material. Do not use if the label directions are not followed.

THE CHAS. H. LILLY CO.  
 PORTLAND, OREGON 97218  
 EPA Est. 802-OR-1 EPA Reg. No. 802-498

**POISON**  
applicators or persons  
uses covered by the

**DANGER ACCEPTED**

**Keep Out of  
Reach of  
Children**

JUN 23 1978

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
this pesticide is registered under  
EPA Reg. No. 802-498

**EMULSIFIABLE  
LIQUID**

**PHION 4E**

(gallon)  
CULTURAL CHEMICAL  
NOT FOR HOME USE

Labels for poison precautions,  
first aid treatment, information  
and posting treated areas.

Follow directions carefully. Timing and  
application, weather and crop condi-  
tions, and other influencing factors  
of this product are beyond the control  
of the manufacturer. The user assumes  
all risks of use, storage, and disposal  
of this material in strict accordance  
with directions given hereon.

CHAS. H. LILLY CO.  
PORTLAND, OREGON 97218  
EPA Reg. No. 802-498

### 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 methyl 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

Methyl 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. Anyone who inhales any of the following signs and symptoms must receive immediate medical treatment if he may die.

**Signs and Symptoms of Poisoning Are:** Headache, nausea, vomiting, cramps, blurred vision, dizziness, numbness, tingling, chest pain, labored breathing, weakness, confusion, sweating, watery eyes, drooping eyelids, difficulty in swallowing, salivation, and diarrhea.

For more information on this material, contact your local health department or the nearest poison control center.

### 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 methyl 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. Induce vomiting by sticking finger down throat or by giving soapy or strong salty water to drink. Repeat 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 observed. Repeat at 5 to 10 minute intervals until signs of atropinization appear. **2-PAM chloride** is also antidote and must be administered in conjunction with atropine. **Do not give morphine or tranquilizers.**

Methyl Parathion is a strong cholinesterase inhibitor affecting the central and peripheral nervous system, producing cardiac and respiratory depression.

Atropine is a competitive antagonist of the patient should be given subcutaneously or intravenously as indicated symptomatically. Continued absorption of the poison may occur and fatal reflexes have been reported after initial improvement. Very close supervision is required for at least 24 to 36 hours.

**RESEALABLE POUCH**

↑ Pull flaps apart to open.  
Press along ridge to close.

**LABEL FOLDER CONTAINS  
ALL DIRECTIONS FOR USE**

*Miller's*  
**METHYL  
PARATHION 4E**

**Organophosphorus Insecticide  
Emulsifiable Liquid**

E.P.A. Reg. No. 802-498

**POISON  
DANGER**



**NOT FOR  
HOME USE**

**Before Using Read All Precautions  
and Directions for Use**

In California, Permit for Purchase or  
use required from County Agricultural  
Commissioner.

**USE PRECAUTIONS**

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

**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.

This product is highly toxic to bees exposed to  
direct treatment or residues on crops. Protective  
information may be obtained from your Coopera-  
tive Agricultural Extension Service.

In order that pesticidal residues on food and for-  
age 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 addi-  
tional 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. Fol-  
low the same rinsing, destruction and burial  
procedures given for 1 gal. drum. **55 gal. drum:**  
Follow same procedures as for 5 gal. drum ex-  
cept use 5 gal. of water, 2 lb. of lye and cup of  
detergent.

**CAUTION:** Do not get rinse solution on hands,  
clothes or equipment. Wear protective clothing  
and equipment. In case of contact, wash immedi-  
ately 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 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.

**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 conditions.

Crop	Gal. Water / Acre	
	Aircraft	Ground
Vegetable and Field Crops . . . . .	5-20	7-125

Maximum permissible rate per acre expressed as Methyl Parathion 4E is given in parentheses after each crop claim.

**RECOMMENDATIONS  
VEGETABLE AND FIELD CROPS**

(Also, read Directions for Use)  
Unless otherwise indicated, dosages are given in parts Methyl Parathion 4E per acre in sufficient water to provide thorough coverage. Begin application when insects first appear and repeat at 7 to 10 day intervals as needed to maintain control, but observe use limitations given for specific crops.  
**ALFALFA CLOVER VETCH**  
**ALFALFA MAY** Alfalfa weevil larvae, Aphids, Armyworms (up to 3rd instar) Use 1 pt. Calif. Use 3.4 pt. per acre. For weevil control, apply when 75% of larvae show feeding damage. Do not apply within 15 days of harvest. Areas other than Calif. 1 pt. Calif. 3.4 pt.  
**ALFALFA FOR SEED** Aphids, Armyworms (up to 3rd instar) Use 1 pt. per acre by aircraft or ground equipment at first sign of infestation. Apply in early morning or late evening to avoid injury to pollinators. Do not apply within 15 days of harvest.  
Water rates per acre: Aircraft—5-10 gal.; ground—25-100 gal. (1 pt.)  
**BEANS DRY** Aphids, Armyworms (up to 3rd instar) Use 2 to 3 pt. Do not apply within 15 days of harvest. (3 pts.)  
**BEANS GREEN AND LIMA** Aphids, Mites Use 2 to 3 pts. Do not apply within 21 days of harvest. (3 pts.)  
**BEETS** Aphids Use 1 pt. per acre. Do not apply within 15 days of harvest. (2 pts.) Tops are to be used as food or feed. (1 pt.)  
**CARROTS** Aphids Use 2 pt. Do not apply within 15 days of harvest. Do not use treated tops for food or feed. (2 pts.)  
**COLE CROPS** (Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Collards, Kale, Kohlrabi) Aphids Use 1 pt. Do not apply within 15 days of harvest. (2 pts.) Broccoli, Brussels Sprouts, Cauliflower and Kohlrabi: Do not apply within 15 days of harvest. (2 pts.)  
**GOOSEBERRIES** Aphids Use 1 to 2 pt. Do not apply within 15 days of harvest. (2 pt.)  
**LETTUCE** Aphids, Armyworms (up to 3rd instar) Cabbage Looper Use 2 pt. Do not apply within 15 days of harvest. (2 pt.)  
**PEAS** Aphids Use 1 to 2 pt. Do not apply within 15 days of harvest. (2 pt.)  
**PEPPERS** Aphids Use 1 to 2 pt. Do not apply within 15 days of harvest. (2 pt.)  
**SMALL GRAINS** (Barley, Oats, Wheat) Aphids, Green Bugs, Brown Wheat Mite, Patroller Use 1 to 2 pt. Use Limitations: Do not apply within 15 days of harvest. (2 pt.)  
**SPINACH** Aphids Use 1 to 2 pt. Do not apply within 15 days of harvest. (2 pt.)  
**TOMATOES** Aphids Use 1 to 2 pt. Do not apply within 15 days of harvest. (2 pt.)  
**TURNIPS** Cabbage Aphids Use 1 to 2 pt. Do not apply within 15 days of harvest. (2 pt.)  
**FOREST AND CHRISTMAS TREE PLANTINGS** Aphids, Mites, Scale Insects, Spider Mites, etc. Use 1 to 2 pt. per acre.

**IMPORTANT**

**SEE REVERSE SIDE OF FOLDER  
CONTAINS SAFETY LABELING  
INFORMATION**

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

**THE CHAS. H. LILLY CO.**  
Portland, Oregon 97218