

BEST AVAILABLE COPY

# 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 Applicators Certification.

## STOP! READ THE LABEL

### POISON

See Side Panels for Antidote & Precautions



### DANGER

Keep Out Of Reach of Children

### CAN KILL YOU

ACCEPTED  
JUL 24 1978  
Under the Federal Insecticide, Fungicide, and Rodenticide Act registered under the pesticide EPA Reg. No. 4977-107

# ATOMIC®

## METHYL PARATHION 4E

(Contains 4 lb. Methyl Parathion per Gallon)

### NOT FOR HOME USE

ACTIVE INGREDIENTS:	
*O, O-dimethyl O-p-nitrophenyl thiophosphate .....	45.96%
Xylene - Range Aromatic Solvent.....	48.89%
INERT INGREDIENTS .....	
TOTAL .....	100.00%
*Methyl Parathion	

E.P.A. REG. NO. 4977-107  
Manufactured By

## SOUTHEASTERN Chemical CORP.

Fairfax, South Carolina - EPA EST. NO. 4977-SC-1

Bishopville, South Carolina - EPA EST. NO. 4977-SC-2

### NOTICE OF WARRANTY

Southeastern Chemical Corporation 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 herein. Southeastern Chemical Corporation makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY, and no agent of Southeastern Chemical Corporation 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.

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### 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 eye or on clothing (liquid goes through clothes)

#### POISONOUS IF BREATHED

Breathing vapors, spray mist or dust may be fatal

#### POISONOUS TO FISH & WILDLIFE

This product is toxic to fish and wildlife. Birds and other wildlife in treated areas may be killed. Keep out of lakes, streams or ponds. Shrimp and crabs may die. Do not apply where these are important resources. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of 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, rashes, 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

If 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 soap 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 eye or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. See doctor immediately.

### Use Only When Wearing The Following Protective Equipment and Clothing

- 1) Wear water proof pants, coat, hat, rubber boots or rubber overboots
- 1) Wear safety goggles (S) Wear a pesticide respirator (jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11)
- 1) Wear heavy duty, natural gloves

### WORK SAFETY RULES

Keep all unprotected persons and children away from treated area or have them in 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, pinpoint pupils, tightness in chest, labored breathing, nervousness, sweating, watering of eyes, drooling or frothing of mouth and nose, muscle spasms and coma.

### 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. 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.

### 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 an isolated location away from water supplies. METAL CONTAINERS: 1 GALLON CANS: Pour 1 pint of water into empty can and add 1 tablespoon 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, 20-GALLON and 55-GALLON DRUMS: Pour the following mixture into empty containers: 5-GALLON DRUMS: 2 1/2 cups water, 1/4 cup caustic soda (household lye), 2 tablespoons of detergent. 20 GALLON DRUMS: 3 gallons water, 1 lb caustic soda (household lye), 1/4 cup detergent. 55-GALLON DRUMS: 5 gals water, 2 lbs 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 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.

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#### DIRECTIONS FOR USE

Mix in water with agitation; agitate while spraying. Apply to row and field crops in 3 to 10 gals. (California only, use 20 to 100 gals.) of water per acre by ground spray rig or 1 to 3 gals. (California only, use 5 to 15 gals.) of water by airplane.

**COMPATIBILITY** - Avoid combinations containing highly alkaline materials such as lime-sulfur solutions or lime. Alkaline compounds will reduce the effectiveness of Parathion.

**BEANS:** Leafhoppers, flea beetles, plant bugs (including Lygus bugs), aphids, armyworms - Apply 1-2 1/2 pints per acre. Cabbage loopers - Apply 2 pints per acre. Imported cabbageworms, cabbage loopers, stink bugs - Apply 2-2 1/2 pints per acre. Do not apply within 15 days of harvest. For green and lima beans, do not apply within 21 days of harvest for dosage rates exceeding 2 pints per acre.

**CABBAGE:** Aphids, armyworms, thrips - Apply 1/2-2 pints per acre. Flea beetles, mites - Apply 1-2 pints per acre. Imported cabbageworms, cabbage loopers, stink bugs - Apply 2-2 1/2 pints per acre. Plant bugs - Apply a minimum dosage of 3 pints of product per acre. Do not apply within 21 days of harvest.

**COLLARDS:** Aphids, armyworms, flea beetles, leafhopper, mites - Apply 1-2 pints per acre. Imported cabbageworm, cabbage looper, stink bugs, thrips - Apply 2-3 pints per acre. Plant bugs - Apply 3 pints per acre. Do not apply within 21 days of harvest.

**CORN:** Aphids (including corn leaf aphid), armyworm, fall armyworm, corn rootworm (including western corn rootworm), stalks - Apply 1/2-1 pint per acre. Do not apply within 12 days of harvest. Workers entering treated fields within 24 hours after application should wear protective clothing.

**COTTON:** Thrips (apply before or during the 4-leaf stage and repeat 1 to 3 times at 7 to 10 day intervals), leafhoppers (including cotton leafhopper) - Apply 1/2 to 1 pint per acre. Grasshopper - Apply 1/2 pint per acre. Cotton leafworm, garden webworm - Apply 1/2-1 pint per acre. Lygus bugs, spider mites (including desert spider mite and two-spotted spider mite) - Apply 1/2-2 pints per acre. Southern green stink bug, false chinch bug - Apply 1 pint per acre. Cabbage looper, cotton leaf-perforator, cutworms, fall armyworm (to 3rd instar), aphids (including cotton aphid) (apply when aphids appear in buds and on leaves of seedlings or when honeydew appears on older plants) - Apply 1-1 1/2 pints per acre. Leafrollers - Provide a minimum dosage of 1.2 pints of product per acre. Saltmarsh caterpillar, stink bugs - Apply 2 pints per acre. Armyworm - Apply 2-4 pints per acre. Bollworm - Apply 2-6 pints per acre. Do not handpick or harvest within 7 days of application. Workers entering fields within 24 hours after application should wear protective clothing. Boll weevil - Apply 1-6 pints per acre. For early season control of over-wintering boll weevils, apply as early as the 2 to 4 leaf stage and repeat 1-3 times at 7 to 10 day intervals. For mid season control, apply at the start of squaring or after 10-25% of the first squares are punctured and repeat at 3 to 8 day intervals as needed or until the top bolls are full grown. Repeat at 3-day intervals during the major fruiting season, and periods of heavy weevil migration.

**CUCUMBERS:** Aphids, mites, two-spotted spider - Apply 1/2 pint per acre. Do not apply before vining. Do not apply within 15 days of harvest.

**GRAPES:** Mites, thrips - Apply 1 1/4 pints per acre. Aphids, grape leafroller, grape leafhopper - Apply 1/2-2 pints per acre (per 100 gal. water). Do not apply within 14 days of harvest.

**GRASS (HAY, PASTURE):** Armyworm (to 3rd instar), black grass bugs (including Irbisia), false chinch bug, grasshopper, leafhopper - Apply 1 1/4 pints per acre. Do not apply within 15 days of harvest.

**LETTUCE:** Aphids, armyworms, flea beetles, imported cabbageworm, leafhoppers, mites - Apply 1-2 pints per acre. Cabbage looper, plant bugs - Apply 2 pints per acre. Do not apply within 21 days of harvest.

**MUSTARD GREENS:** Aphids, armyworm - Apply 1/2-2 pints per acre. Flea Beetles, leafhoppers, mites - Apply 1-3 pints per acre. Imported cabbageworm, cabbage looper, stink bugs - Apply 2-3 pints per acre. Plant bugs - Apply 3 pints per acre. Do not apply within 10 days of harvest through 1 pint, or within 21 days of harvest from above 1 pint through 3 pints.

**OATS:** Brown wheat mite - Apply 1/2 - 1 pint per acre. Aphids (including greenbug), black grass bugs (including Irbisia) - 1/2-1 1/4 pints per acre. Berley thrips - 1/2-1 pints per acre. Climbing cutworms - Provide a minimum dosage of 1/2 pint of product per acre. Leafhoppers - 1/2-1 pint per acre. Armyworm (to 3rd instar), wintergrain mite, stink bugs - 1/2-1 1/4 pints per acre. Say's stink bugs, chinch bugs, false chinch bug - 1 1/4 pints per acre. Do not apply within 15 days of harvest from 1/2 pint through 1 1/4 pints.

**PASTURE:** (Irrigated) (Refer also to grasses): Mosquitoes (larvae) - Apply 1/3 pint per acre. Do not apply within 7 days of harvest. Broadcast application.

**PEACHES:** Aphids, (including green peach aphid and mealy plum aphid), European red mite - Apply 1/4 - 1 pint per 100 gals. water. Do not apply within 14 days of harvest. Apply in early cover treatment or apply within 5 day intervals as needed. Oriental fruit moth, peachtree

achieved. Make applications during appearance of moths in early to late summer. Apply 2 to 3 sprays to trunk from ground to scaffold limbs timed with moth flight. Apply at petal fall every 10 to 14 days thereafter until control is achieved.

**PEAS:** Aphids, armyworm (to 3rd instar), flea beetles, leafhoppers, mites, plant bugs (including Lygus bugs) - Apply 1-2 pints per acre. Stink bugs, cowpea curculio, cutworm (including climbing and surface feeding species), cabbage looper - Apply 2 pints per acre. Do not apply within 10 days of harvest through 1 pint. Do not apply within 15 days of harvest from 1 pint through 2 pints.

**PEPPERS:** Aphids, armyworm, flea beetles, leafhoppers, mites - Apply 1-2 pints per acre. Cutworm (including climbing and surface feeding species), cabbage looper, plant bugs - Apply 2 pints per acre. Do not apply within 15 days of harvest.

**POTATOES:** Aphids, flea beetles - Apply 1/2-2 pints per acre. Armyworm, leafhoppers, mites - Apply 1-2 pints per acre. False chinch bug, cabbage looper, plant bugs (including Lygus bugs), stink bugs - Apply 3 pints per acre. Do not apply within 5 days of harvest.

**SOYBEANS:** Climbing cutworms - Apply 1/2 pint per acre. Three cornered alfalfa hopper, webworm (including garden webworm) - apply 1/2 - 1 pint per acre. Thrips, velvetbean caterpillar - Apply 1/2 - 1 pint per acre. Stink bugs - Apply a minimum dosage of 7 pints of product per acre. Mexican bean beetle, spider mites, aphids, blister beetle - Apply 1 pint per acre. Green cloverworm, cabbage looper - Apply 1 - 2 pints per acre. Armyworm, fall armyworm (to 3rd instar), bean leaf beetle, corn earworm, grasshoppers - Apply 2 pints per acre. Do not apply within 30 days of harvest. Do not apply more than twice per growing season.

**STRAWBERRIES:** Aphids - Apply 1 - 1 1/2 pints per acre. Mites - Apply 1/2 pints per acre. Do not apply within 14 days of harvest.

**SWEET POTATOES:** Aphids, armyworm (to 3rd instar), cutworms (including climbing and surface feeding species), flea beetles, leafhoppers, cabbage looper, spider mites - Apply 1 1/2 pints per acre. Do not apply within 5 days of harvest.

**TOBACCO:** Green June Beetle - Apply a minimum dosage of 3/8 pint of product per 100 gal. water to an area of 100 square yards. Apply 1/2 pint drench to plant bed with a sprinkling can. Do not apply within 5 days of transplanting. Aphids (including green peach aphid), cutworms (including climbing and surface feeding species) - Apply 1/2 - 1 pint per acre. Do not apply within 15 days of harvest. Do not apply within 10 days of priming. Avoid contact with plant juices when priming or cutting tobacco. When necessary to enter treated fields within 24 hours after application, protective clothing should be worn.

**TOMATOES:** Tomato russet mite - Apply 1/4-1 pint per acre. Aphids, armyworm - Apply 1/2-2 pints per acre. Leafhoppers, mites - Apply 1-3 pints per acre. Potato psylla - Apply 1-3 pints per acre. Stink bugs - Apply 1-2 pints per acre. Cabbage looper - Apply 2-3 pints per acre. Do not apply within 15 days of harvest from 1 pint through 3 pints.

**TURNIPS:** Aphids (including cabbage aphid), armyworms (to 3rd instar) - Apply 1/2-1 1/4 pints per acre. Flea beetles, leafhoppers, leafminer, mites - Apply 1-1 1/4 pints per acre. Imported cabbage worm, cabbage looper, plant bugs - Apply 1 1/4 pints per acre. Do not apply within 7 days of harvest through 1/2 pint. (roots) Do not apply within 15 days of harvest from 1/2 to 1 1/4 pints (roots). Do not apply within 21 days of harvest if tops are to be used as food or feed.

**WHEAT:** Brown wheat mite - Apply 1/4-1 pint per acre. Berley thrips - Apply 1/2-3 pints per acre. Leafhoppers - Apply 1/2-1 pint per acre. Climbing cutworms - Apply 2/4-1 pint per acre. Aphids (including greenbug), black grass bugs (including Irbisia) - Apply 1/4-1 1/4 pints per acre. Winter grain mite, stink bug, armyworm (to 3rd instar) - Apply 1/2-1 1/4 pints per acre. Say's stink bugs, chinch bug, false chinch bug - Apply 1 1/4 pints per acre. Do not apply within 15 days of harvest from 1 pint through 1 1/4 pints.

**ORNAMENTALS:** (Woody Shrubs, Trees and Vines), Christmas tree plantation (Pines) - European pine shoot moth, Nantucket pine tip moth - Apply 2 pints per acre. Apply in 5 to 60 gallons of water.

**FOREST, NONAGRICULTURAL LAND, WASTELANDS:** Mosquitoes (larvae) - Apply 1/8 pint per acre. Do not apply within 7 days of harvest through 1/8 pint. For use by mosquito abatement districts and official government agencies only. Repeat as needed. Toxic to fish and wildlife. Do not use where shrimp and crabs are an important resource. Do not use in any estuaries, or coastal or tidal areas along the southeast, Atlantic or Gulf coasts of the United States.

**PINE FORESTS:** European pine shoot moth, Nantucket pine tip moth - Apply 2 pints per acre. Apply in 5 to 60 gallons of water.

### SOUTHEASTERN CHEMICAL CORP.

P. O. Box 1026

Orangeburg, S. C. 29115

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Breathing vapors, spray mist or dust may be fatal.

#### POISONOUS TO FISH & WILDLIFE

This product is toxic to fish and wildlife. Birds and other wildlife in treated areas may be killed. Keep out of lakes, streams or ponds. Shrimp and crabs may be killed at application rates recommended on this label. Do not apply where there are important waterfowl. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label. This product is highly toxic to bees exposed to direct treatment of residues on crops. Protective registration may be obtained from your Cooperative Agricultural Extension Service.

#### DANGER

Poisonous if swallowed, inhaled, or absorbed through skin. Rapidly absorbed through skin.

POISONING SYMPTOMS: Headache, blurred vision, weakness, nausea, vomit, 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.

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If 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.

#### Use Only When Wearing The Following Protective Equipment and Clothing

- 1) Wear water-proof pants, coat, hat, rubber boots or rubber overboots
- 2) Wear safety goggles
- 3) Wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11
- 4) Wear heavy duty, natural gloves

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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.

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

METAL CONTAINERS - Pour 1 pint of water into empty can and add 1 tablespoon household detergent. Rinse 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 cans, 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 qt. 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 - 6 gals. water, 2 lbs. caustic soda (household lye), 1 cup detergent.

Rinse 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 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.

#### DIRECTIONS

Mix in water with agitation; dilute in 3 to 10 gals. (Caution: Do not spray by ground spray rig or 1 to 1 ratio by airplane.)

COMPATIBILITY - Avoid materials such as lime-sulfur because the effectiveness of

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BEST AVAILABLE COPY

# 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 Applicators Certification.

## STOP! READ THE LABEL

### POISON

See Side Panels for Antidote & Precautions



### DANGER

Keep Out Of Reach of Children

### CAN KILL YOU

# ATOMIC

## METHYL PARATHION 4E

(Contains 4 lb. Methyl Parathion per Gallon)

### NOT FOR HOME USE

#### ACTIVE INGREDIENTS:

*O, O-dimethyl O-p-nitrophenyl thiophosphate .....	45.96%
Xylene - Range Aromatic Solvent .....	48.89%
INERT INGREDIENTS .....	5.15%
TOTAL .....	100.00%

\*Methyl Parathion

E.P.A. REG. NO. 4977-107

Manufactured By

## SOUTHEASTERN Chemical CORP.

Fairfax, South Carolina EPA EST NO. 4977-SC-1

Bishopville, South Carolina EPA EST. NO. 4977-SC-2

#### NOTICE OF WARRANTY

Southeastern Chemical Corporation 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 herein. Southeastern Chemical Corporation makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY, and no agent of Southeastern Chemical Corporation 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.

#### DIRECTIONS FOR USE

Mix in water with agitation; agitate while spraying. Apply to row and field crops in 3 to 10 gals. (California only: use 30 to 100 gals.) of water per acre by ground spraying or 1 to 3 gals. (California only: use 5 to 15 gals.) of water by airplane.

**COMPATIBILITY** - Avoid combinations containing highly alkaline materials such as lime-sulfur solutions or lime. Alkaline compounds will reduce the effectiveness of Parathion.

**PLANTS** - (See label for plants including Lygus bugs). Apply 1-2 pints per acre. (California only: use 5 to 15 gals.) of water per acre by ground spraying or 1 to 3 gals. (California only: use 5 to 15 gals.) of water by airplane.

**GRAPEVINE** - Apply 1-2 pints per acre. Do not apply within 15 days of harvest. For grapes and wine grapes, do not apply within 21 days of harvest for dosage rates exceeding 1 pint per acre.

**CABBAGE** - Aphids, armyworms, thrips - Apply 1/2-2 pints per acre. Flea beetles, mites - Apply 1-2 pints per acre. Imported cabbageworms, cabbage loopers, stink bugs - Apply 2-2 1/2 pints per acre. Plant bugs - Apply a minimum dosage of 3 pints of product per acre. Do not apply within 21 days of harvest.

**CORN** - Aphids (including corn leaf aphid), armyworm, fall armyworm, cutworm (including western corn rootworm), stalk borer, European corn borer - Apply 1/2 pint per acre. Do not apply within 12 days of harvest. Workers entering treated fields within 24 hours after application should wear protective clothing.

**COTTON** - Thrips (apply before or during the 4-leaf stage and repeat 1 to 3 times at 7 to 10 day intervals), fleahoppers (including cotton fleahopper) - Apply 1/2 to 1 pint per acre. Grasshopper - Apply 1/2 pint per acre. Cotton leafworm, garden webworm - Apply 1/2 pint per acre. Lygus bugs, spider mites (including desert spider mite and two-spotted spider mite) - Apply 1/2-2 pints per acre. Southern green stink bug, false chinch bug - Apply 1 pint per acre. Cabbage looper, cotton leaf-perforator, cutworms, fall armyworm (to 3rd instar), aphids (including cotton aphid) (apply when aphids appear in buds and on leaves of seedlings or when honeydew appears on older plants) - Apply 1-1 1/2 pints per acre. Leafrollers - Provi' - minimum dosage of 1.2 pints of product per acre. Beltman caterpillar - Apply 2-3 pints per acre. Armyworms - Apply 2-4 pints per acre. Bollworm - Apply 2-6 pints per acre. Do not handpick or harvest within 3 days of application. Workers entering fields within 24 hours after application should wear protective clothing. Boll Weevil - Apply 1-6 pints per acre. For early season control of overwintering boll weevils, apply as early as the 2 to 4-leaf stage and repeat 1-3 times at 7 to 10 day intervals. For mid season control, apply at the start of squaring or after 10-25% of the first squares are punctured and repeat at 3 to 8 day intervals as needed or until the top bolls are full grown. Repeat at 3-day intervals during the major fruiting season, and periods of heavy weevil migration.

**CUCUMBERS** - Aphids, mites, two-spotted spider - Apply 1/2 pint per acre. Do not apply before vining. Do not apply within 15 days of harvest.

**GRAPES** - Mites, thrips - Apply 1/4 pints per acre. Aphids, grape leafroller, grape fleahopper - Apply 1/2-2 pints per acre (per 100 gal. water). Do not apply within 14 days of harvest.

**GRASS (HAY, PASTURE)** - Armyworm (to 3rd instar), black grass bugs (including Irbidae), false chinch bug, grasshopper, leafhopper - Apply 1 1/2 pints per acre. Do not apply within 15 days of harvest.

**LETTUCE** - Aphids (including green peach aphid), imported cabbageworm, leafhoppers, mites - Apply 1-3 pints per acre. Cabbage looper, plant bugs - Apply 2 pints per acre. Do not apply within 21 days of harvest.

**MUSTARD GREENS** - Aphids, armyworm - Apply 1/2-2 pints per acre. Flea beetles, leafhoppers, mites - Apply 1-2 pints per acre. Imported cabbageworm, cabbage looper, stink bugs - Apply 2-3 pints per acre. Plant bugs - Apply 2 pints per acre. Do not apply within 10 days of harvest through 1 pint, or within 21 days of harvest from above 1 pint through 3 pints.

**DATS** - Brown wheat mite - Apply 1/2-1 pint per acre. Aphids (including greenbug), black grass bugs (including Irbidae) - 1/4-1 1/2 pints per acre. Barley thrips - 1/4-1/2 pints per acre. Climbing cutworms - Provide a minimum dosage of 1/4 pint of product per acre. Leafhoppers - 1/2-1 pint per acre. Armyworm (to 3rd instar), wintergrain mite, stink bugs - 1/4-1 1/2 pints per acre. Bay's stink bugs, chinch bugs, false chinch bug - 1/2 pints per acre. Do not apply within 15 days of harvest from 1/4 pint through 1 1/2 pints.

**PASTURE** - (Irrigated) (Refer also to grass). Mosquitoes (larvae) - Apply 1/2 pint per acre. Do not apply within 7 days of harvest. Broadwing application.

**PEACHES** - Aphids (including green peach aphid) and mealy bug (per 100 gal. water), European red mite - Apply 1/4-1 pint per 100 gals. water. Do not apply within 14 days of harvest. Apply in early cover treatment or apply within 5 day intervals as needed. Oriental fruit moth, peachtree borer, plum curculio - Apply 1/2-2 pints per acre (per 100 gals. water). (For peachtree borer apply 2 to 3 sprays to trunks from ground to canopy level. Apply at petal fall and every 10 to 14 days thereafter until control is achieved. Make applications during appearance of moths in early to late summer. Apply 2 to 3 sprays to trunk from ground to canopy level timed with moth flight. Apply at petal fall every 10 to 14 days thereafter until control is achieved.)

**PEAS** - Aphids, armyworm (to 3rd instar), flea beetles, leafhoppers, mites, plant bugs (including Lygus bugs) - Apply 1-2 pints per acre. Stink bugs, cowpea curculio, cutworm (including climbing and surface feeding species), cabbage looper - Apply 2 pints per acre. Do not apply within 10 days of harvest through 1 pint. Do not apply within 15 days of harvest from 1 pint through 2 pints.

**PEPPERS** - Aphids, armyworm (to 3rd instar), flea beetles, leafhoppers, mites - Apply 1-2 pints per acre. Cutworm (including climbing and surface feeding species), cabbage looper, plant bugs - Apply 2 pints per acre. Do not apply within 15 days of harvest.

**POTATOES** - Aphids, flea beetles - Apply 1/2-2 pints per acre. Armyworm, leafhoppers, mites - Apply 1-2 pints per acre. False chinch bugs, cabbage looper, plant bugs (including Lygus bugs), stink bugs - Apply 3 pints per acre. Do not apply within 5 days of harvest.

**RYEGRASS** - Climbing cutworms - Apply 1/2 pint per acre. Three cornered alfalfa hopper, webworm (including garden webworm) - apply 1/2-1 pint per acre. Thrips, velvetbean caterpillar - Apply 1/2-1 pint per acre. Stink bugs - Apply a minimum dosage of .7 pints of product per acre. Mexican bean beetle, spider mites, aphids, blister beetle - Apply 1 pint per acre. Green cloverworm, cabbage looper - Apply 1-2 pints per acre. Armyworm, fall armyworm (to 3rd instar), bean leaf beetle, corn earworm, grasshoppers - Apply 2 pints per acre. Do not apply within 30 days of harvest. Do not apply more than twice per growing season.

**STRAWBERRIES** - Aphids - Apply 1-1 1/2 pints per acre. Mites - Apply 1 1/2 pints per acre. Do not apply within 14 days of harvest.

**SWEET POTATOE** - Aphids, armyworm (to 3rd instar), cutworms (including climbing and surface feeding species), flea beetles, leafhoppers, cabbage looper, spider mites - Apply 1 1/2 pints per acre. Do not apply within 5 days of harvest.

**TOMACOO** - Green June Beetles - Apply a minimum dosage of 1/8 pint of product per 100 gal. water to an area of 100 square yards. Apply 2 to 3 times to plant bed with a sprinkling can. Do not apply within 5 days of transplanting. Aphids (including green peach aphid), grubs (including climbing and surface feeding species) - Apply 1/2-1 pint per acre. Do not apply within 15 days of harvest. Do not apply within 7 days of pruning. Avoid contact with plant juices when pruning or putting tobacco. When necessary to enter treated fields within 24 hours after application, protective clothing should be worn.

**TOMATOES** - Tomato russet mite - Apply 1/4-1 pint per acre. Aphids, armyworm - Apply 1/2-2 pints per acre. Leafhoppers, mites - Apply 1-2 pints per acre. Potato psylla - Apply 1-3 pints per acre. Flea beetles - Apply 2 pints per acre. Cabbage looper - Apply 2-3 pints per acre. Do not apply within 15 days of harvest from 1 pint through 3 pints.

**TURNIPS** - Aphids (including cabbage aphid), armyworm (to 3rd instar) - Apply 1/4-1 1/2 pints per acre. Flea beetles, leafhoppers, leaf miner, mites - Apply 1-1 1/2 pints per acre. Imported cabbage worm, cabbage looper, plant bugs - Apply 1 1/2 pints per acre. Do not apply within 7 days of harvest through 1/2 pint (roots). Do not apply within 15 days of harvest from 1/2 to 1 1/2 pints (roots). Do not apply within 31 days of harvest if tops are to be used as food or feed.

**WHEAT** - Brown wheat mite - Apply 1/4-1 pint per acre. Barley thrips - Apply 1/4-1/2 pints per acre. Leafhoppers - Apply 1/2-1 pint per acre. Climbing cutworms - Apply 2/4-1 pint per acre. Aphids (including greenbug), black grass bugs (including Irbidae) - Apply 1/4-1 1/2 pints per acre. Winter grain mite, stink bug, armyworm (to 3rd instar) - Apply 1/4-1 1/2 pints per acre. Bay's stink bugs, chinch bug, false chinch bug - Apply 1/2 pints per acre. Do not apply within 15 days of harvest from 1/2 pint through 1 1/2 pints.

**ORNAMENTALS** - (Woody Shrubs, Trees and Vines), Christmas tree plantation (Pines) - European pine shoot moth, N. Y. pocket pine tip moth - Apply 2 pints per acre. Apply in 5 to 50 gallons of water.

**FOREST, NONAGRICULTURAL LAND, WASTELANDS** - Mosquitoes (larvae) - Apply 1/2 pint per acre. Do not apply within 7 days of harvest through 1/4 pint. For use by mosquito abatement districts and official government agencies only. Repeat as needed. Toxic to fish and wildlife. Do not use where shrimp and crabs are an important resource. Do not use in any estuaries, or coastal or tidal areas along the southeast, Atlantic or Gulf coasts of the United States.

**PINE FORESTS** - European pine shoot moth, Nantuxet pine tip moth - Apply 2 pints per acre. Apply in 5 to 50 gallons of water.

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**PINE FORESTS** - European pine shoot moth, Nantuxet pine tip moth - Apply 2 pints per acre. Apply in 5 to 50 gallons of water.

SOUTHEASTERN CHEMICAL CORP.  
P. O. Box 1026  
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NET CONTENTS U.S. GALLONS