

# Precautionary Statements

## HAZARDS TO HUMANS & DOMESTIC ANIMALS

**POISON**  
See side panels  
for antidote  
and precautions



**DANGER**  
Keep out of reach  
of children



**CAN KILL YOU IF SWALLOWED**

The product can kill you if swallowed.



**CAN KILL YOU BY SKIN CONTACT**

The product can kill you if touched by hands or soiled or splashed on skin or eyes or clothing. Wash hands, face, and clothes.



**CAN KILL YOU IF BREATHED**

The product can kill you if vapors are inhaled or if you breathe.

### DANGER

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE EQUIPMENT AND CLOTHING. THIS PRODUCT MAY BE FATAL IF SWALLOWED. NEVER ALLOW TO CONTACT SKIN. FAILURE TO PROPERLY FOLLOW ALL INSTRUCTIONS FOR PROTECTIVE CLOTHING AND EQUIPMENT WILL INCREASE YOUR RISK.

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT DURING MIXING, LOADING, APPLICATION, REPAIR AND CLEANING OF APPLICATION EQUIPMENT, DISPOSAL OF PESTICIDE AND EARLY RE-ENTRY INTO TREATED AREAS.

Waterproof pants and coat, heavy-duty chemical-resistant gloves, rubber boots or rubber overshoes, hood or wide-brimmed hat, safety goggles or face shield, NIOSH approved respirator. In addition, muslin leaders must wear a chemical-resistant apron when using the concentrated product. During aerial application in nonenclosed cockpits, a helmet with a veor may be substituted for the hood or wide-brimmed hat and safety goggles or face shield requirements.

IF MIXING/LOADING IS PERFORMED USING A CLOSED SYSTEM, THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT MAY BE WORN AS AN ALTERNATIVE.

Heavy-duty chemical resistant gloves, chemical resistant apron, long sleeved shirt for pants and short sleeve shirt and long legged pants, shoes and socks.

Safety goggles or a face shield must be worn when the system is under pressure. All other protective clothing and equipment required for use with open systems must be available nearby.

IF APPLICATION IS PERFORMED USING AN ENCLOSED CAB OR COCKPIT, THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT MAY BE WORN AS AN ALTERNATIVE.

Clean long-sleeved shirt and long-legged pants. All other protective clothing and equipment required for use during application must be available in the cab and must be worn when exiting the cab into treated areas. If used for this purpose, contaminated clothing may not

be brought back into the cab unless in a enclosure such as a plastic bag.

REMEMBER - THIS CLOTHING IS NOT INTENDED TO PROTECT YOU DURING REPAIR AND CLEANING OF APPLICATION EQUIPMENT OR DURING EARLY RE-ENTRY. REFER TO THE INSTRUCTIONS ABOVE. HUMAN FLAGGERS ARE STRICTLY PROHIBITED DURING AERIAL APPLICATION. IMPORTANT! If pesticide comes in contact with skin, wash off with soap and water and contact a physician immediately. Always wash hands, face, and arms with soap and water before smoking, eating, drinking or toasting.

AFTER WORK, Wash gloves with soap and water before removing. Take off all work clothes and shoes. Store protective clothing separately from personal clothing. Launder protective clothing after each use. Shower using soap and water. Wear only clean clothes when leaving job. Do not wear contaminated clothing. Personal clothing worn during mixing, loading, application, repair and cleaning of application equipment, disposal of pesticide and early re-entry into treated fields must be stored and laundered separately from household articles. Clothing and equipment heavily contaminated or drenched with pesticide cannot be adequately decontaminated.

Respirators should be cleaned and cartridges replaced according to instructions included with respirators. Replace gloves frequently.

HEAVILY CONTAMINATED OR DRENCHED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED.

Respirators should be cleaned and cartridges replaced according to instructions included with respirators. Replace gloves frequently.

Parathion is a very dangerous poison. It reacts by entering the body on 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, sneezing, watering of eyes, itching and burning of mouth and nose, muscle spasms and convulsions.

### NOTE TO PHYSICIAN

Antidote - administer atropine sulfate in large doses. TWO TO FOUR mg intravenously or intramuscularly as soon as available. Repeat at 3 to 10 minute intervals until clinical improvement appears. 2 PAM (Protopam) 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. A final sign of pulmonary edema, the patient should be given supplemental oxygen and treated symptomatically. Covered 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.

### ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to fish and wildlife. Birds in treated areas may be killed. Do not apply directly to water or wetlands (swamps, marshes, bogs, and potholes). Run-off and drift from target areas may be hazardous to aquatic organisms in adjacent aquatic sites. Do not contaminate water while disposing of equipment washwaters. This product is extremely toxic to bees exposed to direct treatment or residues or blooming crops or weeds. Do not apply the product or allow to drift to blooming crops or weeds if bees are visiting the treatment area.

### Endangered Species Considerations

The Agency informs the pesticide applicator of these risks through the use of the EPA Endangered Species Bulletin. The pesticide applicator must consult both the bulletin and an endangered species listing that follows in order to reduce the risk of exposure to endangered species.

### ENDANGERED SPECIES RESTRICTIONS

Parathion Endangered Species Labeling Information For Crop Uses

The use of any pesticide in a manner that may kill or otherwise harm an endangered or threatened species or adversely modify their habitat is a violation of Federal laws. The use of this product is controlled to prevent death or harm to endangered or threatened species that occur in the following countries or elsewhere in their range.

Before using the pesticide in the following countries you must obtain the EPA Endangered Species Bulletin. The use of this pesticide is prohibited in these countries unless specified otherwise in the Bulletin. The EPA Bulletin is available from either your County Agricultural Extension Agent, the Endangered Species Specialist in your State Wildlife Agency Headquarters or the appropriate Regional Office of either the U.S. Fish and Wildlife Service (FWS) or the U.S. Environmental Protection Agency. THIS BULLETIN MUST BE REVIEWED PRIOR TO PESTICIDE USE.

STATE (Regional Office FWS) (Species)	COUNTY
ALABAMA (Atlanta, GA)	Starkwater, Darter
Alabama Cavefish	Lauderdale, Madison, Jefferson
Freshwater Mussels	Calhoun, Jackson, Morgan
ARIZONA (Albuquerque, N.M.)	Mohave
Woundfin	Mohave
Bonytail Chub	Graham, Santa Cruz
Golden Trout	Graham, Santa Cruz
ARKANSAS (Atlanta, GA)	Clay, Clark, Cross, Lawrence, Randolph, Sharp, St. Francis
Freshwater Mussels	

# RESTRICTED USE PESTICIDE

## Due to very high acute toxicity to Humans and Birds

For retail sale to and use only by certified applicator or persons under their direct supervision and only for those uses covered by the certified applicator's certification. Direct supervision for this product is defined as the certified applicator being physically present during application, mixing, loading, repair and cleaning of application equipment. Commercial certified applicators must also ensure that all persons involved in these activities are informed of the precautionary statements.

### STOP! READ THE LABEL

**DANGER PELIGRO**  
See side panels for antidote and precautions



**POISON**  
Keep out of reach of children

PRECAUCION AL USUARIO. Si usted no lee el ingles, no use este producto hasta que le exparta haya sido explicado completamente.

# CAN KILL YOU METHYL PARATHION

ACTIVE INGREDIENTS	
O, O-dimethyl O-p Nitrophenyl Thiophosphate	45.7%
Xylene	47.5%
INERT INGREDIENTS	6.8%
TOTAL	100%

METHYL PARATHION CONTENT TOXICANTS PER GALLON 4 LBS. METHYL PARATHION

### STATEMENT OF PRACTICAL TREATMENT

Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to parathion and xylene and describe his condition.

IF SWALLOWED - Drink 1 or 2 glasses of water or milk and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Take person and product container to the nearest emergency treatment center.

IF INHALED - Remove victim to fresh air. If not breathing, give artificial respiration and get medical attention immediately.

IF ON SKIN - Remove contaminated clothing immediately and wash skin thoroughly with soap and water. Get medical attention immediately.

IF IN EYES - Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention immediately. NOTE TO PHYSICIAN - Emergency information - call 415/233-3737. Methamidophos is a cholinesterase inhibitor. Measurement of blood cholinesterase activity may be useful in monitoring exposure. If signs of cholinesterase inhibition appear, atropine sulfate is antidotal. 2-PAM (Protopam) is also antidotal and may be used in conjunction with atropine, but should not be used alone.

E.P.A. REG NO 3478-17 MANUFACTURED FOR SCHALL CHEMICAL INC. Monte Vista, Colorado Delta, Colorado

# NOT FOR HOME USE

RJ Parathion Mixture Liquid POISON B NA2783

STATE (Regional Office FWS) Species	COUNTY
ARKANSAS (Atlanta, GA) - Cont'd	Arkansas, Austin, Colorado, Fort Bend, Jeff Davis, Dallas, Refugio, Victoria, Jeff Davis, Pecos, Reeves
Ozark Cavefish	Leflore, McCurtain, Delaware
Leopard Darter	Lawrence, Wayne
CALIFORNIA (Portland, OR)	Starkwater Chub, Sacramento, Maricopa
Delta Green Ground Beetle	Cumbarland, Ferris, Morgan
Valley Elderberry	Blount, Calhoun, Decatur, Franklin, Hancock, Hardin, Lincoln, Loudon, Marshall, Maury, Rhea, Roane, Scott, Sequatchie, Smith, Sullivan
Longhorn Beetle	
Alerian Canada Goose	Sacramento, Colusa, Merced, Sutter, Stanislaus
Kern Phoebe	
Sphinx Moth	Kern
Horned Lizard	Fresno, Kern, Kings, Madera, Merced, Monterey
Santa Cruz Long Toed Salamander	San Luis Obispo, Santa Barbara, Stanislaus, Tulare
Unarmored Three-toed Sloth	Monterey
Some Striped Gophers	Santa Cruz, Los Angeles, Santa Barbara
COLORADO (Denver, CO)	Blanco, Delta, Garfield, Mesa, Moffat, Rio, Routt, Mesa
Colorado Squawfish	Broward, Dade, Glades, Palm Beach
Humpback Chub	Edmondson, Jackson, Laurel, Marshall, McCracken, Puleau, Rockcastle, Warren, Wayne
FLORIDA (Atlanta, GA)	Everglades Rite Snook
FLORIDA (Atlanta, GA)	Edmondson, Jackson, Laurel, Marshall, McCracken, Puleau, Rockcastle, Warren, Wayne
KENTUCKY (Atlanta, GA)	Edmondson, Jackson, Laurel, Marshall, McCracken, Puleau, Rockcastle, Warren, Wayne
Freshwater Mussels	Edmondson, Jackson, Laurel, Marshall, McCracken, Puleau, Rockcastle, Warren, Wayne
MARYLAND (Newman Corners, MA)	Hartford
Maryland Darter	
MISSISSIPPI (Atlanta, GA)	Coghlan
Bayou Cane	
MISSOURI (Twin Falls, MN)	Cochran, Greene, Jasper, Lawrence, Newton, Barry, Stone
Ozark Cavefish	Clark, White Pine
NEVADA (Portland, OR)	Clark, Lincoln, Washoe
Woundfin	
Pahrnapah Bonytail	
Cavefish	
Pahrnapah Bonytail	
NEW MEXICO (Albuquerque, N.M.)	Chaves, Eddy
Pecos Gambusia	
NORTH CAROLINA (Atlanta, GA)	Macon, Swain
Spotfin Chub	
OHIO (Twin Falls, MN)	Champaign, Franklin, Logan, Madison, Pickaway, Union
Scotd Mudpuppy	
OKLAHOMA (Albuquerque, N.M.)	Leflore, McCurtain, Delaware
Leopard Darter	
Ozark Cavefish	
TENNESSEE (Atlanta, GA)	Blount, Calhoun, Decatur, Franklin, Hancock, Hardin, Lincoln, Loudon, Marshall, Maury, Rhea, Roane, Scott, Sequatchie, Smith, Sullivan
Starkwater Chub	
Sander Chub	
Spotfin Chub	
Freshwater Mussels	
TEXAS (Albuquerque, N.M.)	Arkansas, Austin, Colorado, Fort Bend, Jeff Davis, Dallas, Refugio, Victoria, Jeff Davis, Pecos, Reeves
Attwater's Greater Prairie Chicken	
Comanche Springs Pupfish	
Pecos Gambusia	
Texas Blind Salamander	
San Marcos Salamander	
San Marcos Salamander	
Houston Toad	
Fountain Darter	
UTAH (Denver, CO)	Washington, Grand, Uintah
Woundfin	
Humpback Chub	
Bonytail Chub	
Colorado Squawfish	Carbon, Duchesne

### RECOMMENDATIONS

Rates are given in terms of METHYL PARATHION per acre in sufficient water for thorough coverage. MINIMUM recommended volumes for aerial application are 3 to 10 gallons per acre. Unless otherwise specified, this product will control aphids, armyworms (up to 3rd instar), flea beetles, leafhoppers, and mealy on the following crops:

ALFALFA, VETCH. Sprayed alfalfa should be 1/3 to 1/2 full. Apply in early spring. Follow state recommendations. For the control of aphids, armyworms (up to 3rd instar), leafhoppers, and mealy 2 1/2 pts. Do not apply within 20 days of harvest.

ALFALFA HAY. Alfalfa weevil larvae. Apply 1/2 pt per acre by ground or air. Apply when bunt and shears first appear ragged or when larvae count from reaches 25 per sweep. Do not apply within 15 days of harvest or grazing.

ARTICHOKES, BEETS, CELERY, PEAS, PEPPERS. 1 1/2 pts. Do not apply within 15 days of harvest. 121 days on beets if roots are to be used for food or feed.

BEANS (green). 1 1/2 pts. Do not apply within 21 days of harvest.

BEANS (dry). 1 1/2 pts. Do not apply within 21 days of harvest.

TOMATOES. 2 pts. Do not apply within 15 days of harvest.

COLE CROPS (Cabbage, Cauliflower, Broccoli, Brussels Sprouts, Kale and Kohlrabi). 2 pts. Do not use within 21 days of harvest.

CORN (field, sweet and popcorn). Adult corn rootworm (Diabrotica virgifera). Use 1/2 pt. Repeat as needed if necessary. Workers entering treated fields the day of application should wear protective clothing. Do not apply within 12 days of harvest or grazing.

LETTUCE, SPINACH. 1 1/2 pts. Do not apply within 27 days of harvest.

ONIONS (dry). For control of rings use 1/2 pint per acre. POTATOES. 2 pts. Do not apply within 5 days of harvest.

SMALL GRAINS (Barley, Oats, Rye and Wheat). Aphids (green bug), black grass bug (larva), brown wheat weevil (Peromyscus), and stem bugs. Apply 1/2 - 1 pt. For armyworms - up to 3rd instar and leafhoppers apply 1 1/2 pts. Use Lemnol 1/2 pt. - None 1 1/2 pts. Do not apply within 15 days of harvest.

### PHYSICAL & CHEMICAL HAZARDS

Do not use pour spout or store near heat or open flame.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

### RE-ENTRY STATEMENT

Do not enter treated areas for 48 hours unless appropriate protective clothing is worn. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with the product. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Written or oral warnings must include the following information:

### DANGER

(Insert area or field description treated with Parathion on latest date of application.) Do not enter without appropriate protective clothing for use above. In case of accidental exposure: Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to insect chemical and describe his condition. For further information see "FIRST AID TREATMENT" portion of the pesticide label.

### POST TREATED AREA

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

### STORAGE AND DISPOSAL PROHIBITIONS

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or mixtures is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative in the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Metal Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other approved state and local procedures.

Plastic Containers: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or dispose of in a sanitary landfill or by other approved state and local procedures.

GENERAL: Consult Federal, state or local disposal authorities for approved alternative procedures.

SPILLAGE: In case of spillage, cover with absorbent material such as lime, clay or sand. Sweep up and bury. Then wash area with strong lye solution.

### WARRANTY AND LIMITATION OF DAMAGES

SELLER warrants that the material conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use and BUYER assumes the risk of any use contrary to such directions. SELLER makes no other express or implied warranty, including any other express or implied warranty of FITNESS or MERCHANTABILITY, and no agent or SELLER is authorized to do so except in writing with a specific reference to this warranty. In no event shall SELLER's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.

# ACCEPTED

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 3478-17

Schall Chemicals 2/10/1 Reils B rd 1/25/89 (WJ) (9X17)

**BEST AVAILABLE COPY**