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 even in small amounts; spray mist or dust may be fatal if swallowed

CAN KILL YOU BY SKIN CONTACT

The product can kill you if touched by hands or spilled or splashed on skin, in eyes or on clothing (liquid goes through clothes)

CAN KILL YOU IF BREATHED

The product can kill you if vapors, spray mist or dust are breathed

DANGER

USE ONLY WHEN WEARI G THE FOLLOWING PROT IVE EQUIPMENT AND CLOTHING

THIS PRODUCT MAY BE FATAL IF SWALLOWED, INHALED, OR IF ALLOWED 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 FIELDS.

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, mixer loaders must wear a chemical resistant apron when using the concentrated product. During aerial application in nonenclosed cockpits, a helmet with a visor 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 (or gauntlets and short sleeve shirt) and long-legged pants; shoes and socks.

Safety goggles or a faceshield 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 an 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 toileting.

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 parathion must be destroyed according to state and local regulations.

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.

POISON SIGNS (Symptoms)

Parathion is a very dangerous poison. It rapidly enters 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, 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. 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.

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 when disposing of equipment washwaters.

This product is extremely toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this 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 endangered species labeling 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 counties or elsewhere in their range.

Before using this pesticide in the following counties you must obtain the EPA Cropland Endangered Species Bulletin. The use of this pesticide is prohibited in these counties 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)	
Slackwater Darter	Lauderdale, Limestone, Madison
Alabama Cavefish	Lauderdale
Freshwater Mussels	Colbert, Jackson, Marshall, Morgan
ARIZONA (Albuquerque, N.M.)	
Woundfin	Mohave
Bonytail Chub	Mohave
Gila Topminnow	Graham, Santa Cruz
ARKANSAS (Atlanta, GA)	
Freshwater Mussels	Clay, Clark, Cross, Lawrence, Randolph, Sharp, St. Francis

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 ingles, no use este producto hasta que la etiqueta haya sido explicado ampliamente."

CAN KILL YOU

PARATHION-METHYL PARATHION

AN AGRICULTURAL INSECTICIDE EMULSIFIABLE LIQUID

6-3 E

ACTIVE INGREDIENTS	
Parathion (O,O-Diethyl O – P Nitrophenyl Phosphorothioate)	58.33%
Related Compounds	0.89%
O, O-Dimethyl O – P Nitrophenyl Phosphorothioate*	27.71%
Related Compounds	1.46%
INERT INGREDIENTS	5.12%
Xylene Range Aromatic Solvent	6.49%
	100.00%

*METHYL PARATHION

CONTENT TOXICANTS PER GALLON: 6 LBS. PARATHION, 3 LBS. METHYLPARATHION

STATEMENT OF PRACTICAL 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. 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 flush eyes and skin with plenty of water while removing contaminated clothing and shoes. See doctor immediately.

E.P.A. REG. NO. 3468-18 EPA EST. NO. 3468-CO-1

MANUFACTURED FOR

SCHALL CHEMICAL INC. Monte Vista, Colorado
Delta, Colorado

NOT FOR HOME USE

RQ Parathion Mixture Liquid POISON B NA2783

STATE (Regional Office FWS) Species	COUNTY
ARKANSAS (Atlanta, GA) – Cont'd	
Ozark Cavefish	Benton
Leopard Darter	Sevier
CALIFORNIA (Portland, OR)	
Delta Green Ground Beetle	Solano
Valley Elderberry Longhorn Beetle	Merced, Sacramento
Aleutian Canada Goose	Colusa, Merced, Sutter, Stanislaus
Kern Primrose Sphinx Moth	Kern
Blunt-Nosed Leopard Lizard	Fresno, Kern, Kings, Madera, Merced, Monterey, San Luis Obispo, Santa Barbara, Stanislaus, Tulare
Santa Cruz Long-Toed Salamander	Monterey, Santa Cruz
Unarmored Three-Spine Stickleback	Los Angeles, Santa Barbara
COLORADO (Denver, CO)	
Colorado Squawfish	Bunco, Delta, Garfield, Mesa, Moffat, Rio Routt
Humpback Chub	Mesa
FLORIDA (Atlanta, GA)	
Everglade Kite Species	Broward, Dade, Glades, Palm Beach
KENTUCKY (Atlanta, GA)	
Freshwater Mussels	Ballard, Edmundson, Jackson, Laurel, Marshall, McCracken, Pulaski, Rockcastle, Warren, Wayne
MARYLAND (Newton Corners, MA)	
Maryland Darter	Harford
MISSISSIPPI (Atlanta, GA)	
Bayou Darter	Copiah
MISSOURI (Twin Cities, MN)	
Ozark Cavefish	Christian, Greene, Jasper, Lawrence, Newton, Barry, Stone
NEVADA (Portland, OR)	
Woundfin	Clark
Pahranagat Bonytail	Lincoln
Cui-ui	Washoe
Pahrump Killifish	Clark, White Pine
NEW MEXICO (Albuquerque, N.M.)	
Pecos Gambusia	Chaves, Eddy
NORTH CAROLINA (Atlanta, GA)	
Spotfin Chub	Macon, Swain
OHIO (Twin Cities, MN)	
Scioto Madtom	Champaigne, Franklin, Logan, Madison, Pickaway, Union
OKLAHOMA (Albuquerque, N.M.)	
Leopard Darter	Leflore, McCurtain
Ozark Cavefish	Delaware
TENNESSEE (Atlanta, GA)	
Slackwater Darter	Lawrence, Wayne
Slender Chub	Claiborne, Hancock
Spotfin Chub	Cumberland, Fentress, Morgan
Freshwater Mussels	Blount, Claiborne, Decatur, Franklin, Hancock, Hardin, Lincoln, Loudon, Marshall, Maury, Rhea, Roane, Scott, Sequatchie, Smith, Sullivan
TEXAS (Albuquerque, N.M.)	
Attwater's Greater Prairie Chicken	Aransas, Austin, Colorado, Fort Bend
Commanche Springs Pupfish	Jeff Davis, Goliad, Refugio, Victoria
Pecos Gambusia	Jeff Davis, Pecos, Reeves
Texas Blind Salamander	Hays
San Marcos Salamander	Hays
San Marcos Gambusia	Hays
Houston Toad	Bastrop, Burleson
Fountain Darter	Hays
UTAH (Denver, CO)	
Woundfin	Washington
Humpback Chub	Grand
Bonytail Chub	Grand, Uintah
Colorado Squawfish	Carbon, Duchesne, Emery, Garfield, Grand, Kane, San Juan, Uintah, Wayne
VIRGINIA (Newton Corners, MA)	
Spotfin Chub	Scott, Washington
Freshwater Mussels	Lee, Russell, Scott, Smyth, Tazewell, Washington, Wise

PHYSICAL & CHEMICAL HAZARDS

Do not use, pour, spill 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

Re-entry into treated fields before expiration of the re-entry interval specified on this label is prohibited unless the protective clothing and equipment specified on this label are used.

Crop	Re-entry Interval	State(s)
Apples	6 days	All states
Peaches	6 days	All states
Corn	6 days	All states
Tree Fruits	6 days	All states
All other crops	2 days	All states

DANGER

(Insert area or field description) treated with Parathion on (insert 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 (insert 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 rinsate 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 at 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 incineration if allowed by state and local authorities.

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 sawdust. Sweep up and bury. Then wash area with strong lye solution.

RECOMMEND

TERMINAL USE DATES: Unle numbers shown in parenthesis ( ) which should be allowed between harvest or grazing.

VEGETABLE AND FIELD CRO terms of pints per acre in suffici coverage (Usually 1-20 gal. water water by ground equipment)

ALFALFA, CLOVER, GRASS, bug), alfalfa weevil, alfalfa caterp worms, grasshoppers - 1/4 - 1/2 pi tle, leafhoppers, mites, spotted alf larvae - 1/3 - 2/3 pt. Tarnished mo Note: Do not spray legumes duri to bees. Birds and other wildlife killed.

COLE CROPS: (Broccoli, Brusse Cauliflower, Kohlrabi) Aphids, V 1/2 pt., Cabbage loopers - 2/3 p

COLLARDS, KALE, MUSTARD Aphids, Leafminers, Vegetable we loopers - 2/3 pt. (21).

CORN (Field): Aphids, budworm (make 1 or more applications when depending on the extent of infesta trol desired. Consult your State Station for proper timing of treatm pt. Armyworms, fall armyworms, pt. Do not apply within 12 days forage

CORN (Sweet): Armyworms, fall - 2/3 pt. Do not apply within 12

DRY BEANS: Aphids, armywo miners, leafrollers, Mexican bean - 1/2 pt. (15 days)

GARDEN PEAS, BLACKEYE PE - 1/2 pt. (15 days).

GREEN BEANS: Aphids, armyw miners, leafrollers, Mexican bean - 1/2 pt. (21 days)

LETTUCE (Leaf, Bibb, and Headi Cabbage loopers - 2/3 pt. (21).

ONIONS: For control of onion thr (15).

PEPPERS: Aphids, leafminers -

POTATOES: Aphids, blister be miners, plant bugs, potato psy weevils - 7/8 pt. (5 days).

RED BEETS: Aphids, blister bee (15 days), (21 days) if tops are f

SMALL GRAINS (Barley, Oats, W winter grain mites - 1/4 pt. A myworms, (up to 3rd instar), black beetles, brown wheat mite (P leafhoppers, stink bugs - 1/2 - 2

SORGHUM: Corn earworms, corn bugs, sorghum webworms - 1/3 pt. (21 days). May cause injur sorghum.

SUGAR BEETS: Aphids, arm cutworms, fall armyworms, fle leafhoppers, leafminers, mites - worms - 2/3 pt.; Alfalfa looper - 1/2 pt. (20 days), (60 days livestock).

TOMATOES: Aphids, armywor miners, spider mites, Tomato russ pt.; Cabbage loopers - 2/3 pt. (1

DANGER: Keep all persons or vicinity where there may be d areas should not be reentered unti and volatile residues have disapp

WARRANTY AND OF DAMA

SELLER warrants that this material description and is reasonably fit fo the label when used in accordanc normal conditions of use and BU any use contrary to such directio other express or implied warranty, press or implied warranty of FITN TABILITY, and no agent of SELLE except in writing with a specific r ty. In no event shall SELLER's lia warranty exceed the purchase pri which a claim is made.