



ORTHO

DANGER - POISON - PRECAUTIONS



DO NOT SWALLOW

POISONOUS IF SWALLOWED

This product can kill you if swallowed even in small amounts: spray mist or dust may be fatal if swallowed.



DO NOT TOUCH

POISONOUS BY SKIN CONTACT

Poisonous if touched by hands or spilled or splashed on skin in eyes or on clothing (liquid goes through clothes).



DO NOT BREATHE

POISONOUS IF BREATHED

Breathing vapors, spray mist or dust may be fatal.

POISONOUS TO FISH AND WILDLIFE

This product is highly toxic to fish and wildlife. Birds and other wildlife in treated areas may be killed. Keep out of any body of water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from treated areas. 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 drift on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

Parathion 4 Emulsive

STOP • READ LABEL BEFORE USING!

POISON

See Side Panels for Antidote & Precautions



DANGER

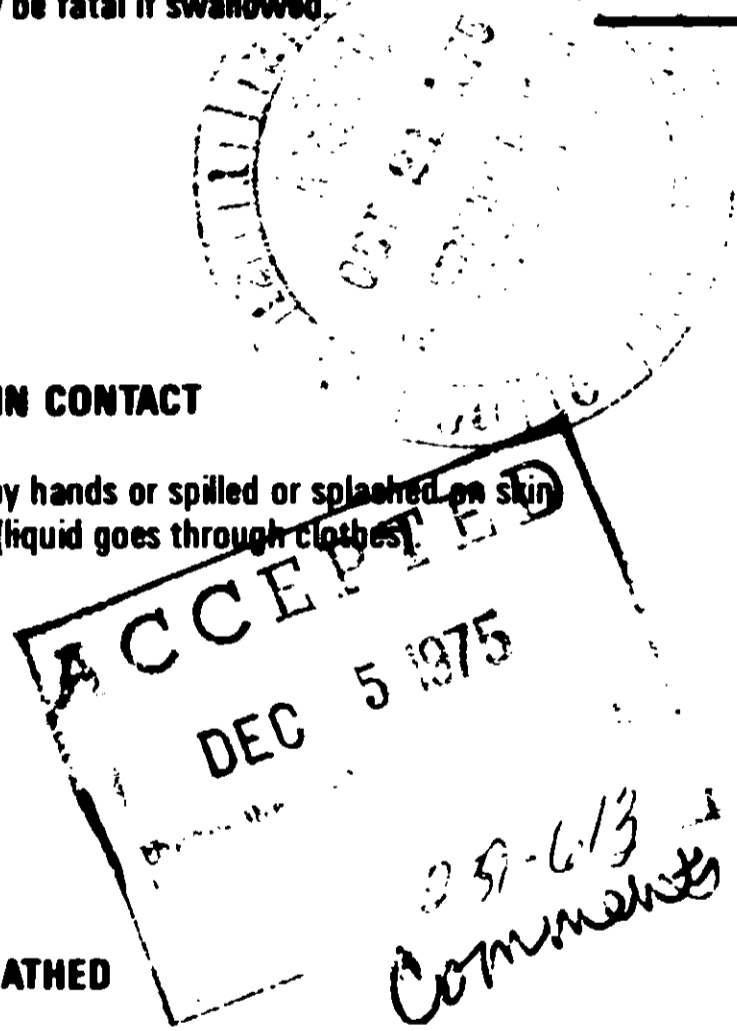
Keep Out of Reach of Children

Active Ingredient	By Wt.
* Parathion	45%
Aromatic Petroleum Derivative Solvent	46%
Inert Ingredients	9%
*O,O-diethyl O-p-nitrophenyl thiophosphate	
Contains 4 lbs. Parathion per gallon.	

NOT FOR HOME USE


NET CONTENTS 30 GALLONS LIQUID

ACCEPTED WITH COMMENTS



USE ONLY WHEN WE EQUIPMENT AND CLO (1) Wear water-proof pa shoes. (2) Wear safety ge by the U.S. Bureau of Mi duty, natural rubber glove WORK SAFETY RULES Keep all unprotected per where there is danger of Do not rub eyes or mou STOP work and get help i hospital - immediately. Ex thion and describe his co Treatment Section) and i or hospital. IMPORTANT! Before rem Always wash hands, fa smoking, eating or drinkin AFTER WORK, take off soap and water. Wear o wear contaminated cloth equipment with soap and cleaned and filter replac respirator. Do not store next to fee taining foodstuffs or fee possible drift to food, damaged or the crops t sumption.

 **POISON SIGNS**
Parathion is a very dan contact with all skin surf. must be removed immed medical treatment or they Some of the signs and sy vomiting, cramps, weakn in chest, labored breathi drooling or frothing of r

 **FIRST AID TREA**
Call a doctor (physician) the victim has been exp If breathing has stoppe maintain until doctor see If swallowed and victim Induce v ng by stick strong salt water to di

BEFORE USING!

DANGER

Keep Out of Reach of Children

By Wt.
..... 45%
..... 46%
..... 9%

ALLONS LIQUID

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE EQUIPMENT AND CLOTHING.

(1) Wear water-proof pants, coat, hat, rubber boots or rubber overshoes. (2) Wear safety goggles. (3) Wear mask or respirator approved by the U.S. Bureau of Mines for parathion protection. (4) Wear heavy duty, natural rubber gloves.

WORK SAFETY RULES

Keep all unprotected persons and children away from treated area or where there is danger of drift.

Do not rub eyes or mouth with hands. If you feel sick in any way STOP work and get help right away. Call a doctor (physician), clinic or hospital—immediately. Explain that the victim has been exposed to parathion and describe his condition. After first aid is given (see First Aid Treatment Section) and if a doctor cannot come, take victim to clinic or hospital.

IMPORTANT! Before removing gloves, wash them with soap and water. Always wash hands, face and arms with soap and water before smoking, eating or drinking.

AFTER WORK, take off all work clothes and shoes. Shower, using soap and water. Wear only clean clothes when leaving job. Do not wear contaminated clothing. Wash protective clothing and protective equipment with soap and water after each use. Respirator should be cleaned and filter replaced according to instructions included with respirator.

Do not store next to feed or food, or transport in or on vehicles containing foodstuffs or feeds. **Do not apply under conditions involving possible drift to food, forage, or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption.**



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.



FIRST AID TREATMENT



Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to parathion and describe his condition. **If breathing has stopped,** start artificial respiration immediately and maintain until doctor sees victim.

If swallowed and victim is awake (conscious) make him vomit quickly. Induce vomiting by sticking finger down throat or by giving soap, strong salty 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.

NOTE TO PHYSICIANS

Emergency information—call (415) 233-3737. 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.**

POST TREATED AREA

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

CONTAINER DISPOSAL

See attached booklet for proper disposal.

CROP USE DIRECTIONS

Use only according to attached label booklet instructions.

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

Chevron Chemical Company

Ortho Division/San Francisco CA 94119 Richmond CA 94804

Product 1737 Made in U.S.A.

Form 8855-A

EPA Reg. No. 239-613-AA



ORTHO Parathion 4 Emulsive

(INSECTICIDE—Contains 4 lbs. Parathion per gallon)

DIRECTIONS: This product is intended to be applied only by specified and trained operators of aircraft or power driven ground equipment. This product is not to be used around homes or home gardens. Do not use in undiluted form.

USE INDICATED AMOUNT PER 100 GALLONS WATER FOR CONVENTIONAL GROUND SPRAYERS—UNLESS OTHERWISE SPECIFIED.

USE DESIGNATED AMOUNT OF PRODUCT IN THE FOLLOWING GALLONS WATER PER ACRE UNLESS OTHERWISE NOTED:
GROUND APPLICATION—Vegetable and Field Crops—30 to 250 gals.
 Cotton—3 to 20 gals. Deciduous Fruit Crops—60 to 800 gals. (On Young Fruit Plantings—Use a minimum of 15 gals. water per acre).
Where Recommended for AIR APPLICATION—Field Crops—3 to 10 gals. Orchard Crops—10 to 20 gals.

ALMONDS (Dormant): Parlatoria (Olive) Scale, San Jose Scale, Brown Apricot Scale, Black Scale, Mite Eggs, Overwintering Twig Borer—1 pt. plus 1½ to 2 gals. VOLCK Supreme Spray or 3 to 4 gals. KLEENUP Flowable Emulsion.

APPLES: Codling Moth; Plum Curculio; Orange Tortrix; San Jose, Forbes and Scurfy Scales; Red-Banded Leaf Roller (Second and Third Brood); Woolly Apple Aphid, Mealybug—½ to ¾ pint. By Air: 3 pints per acre in water to cover. For Codling Moth and Plum Curculio apply at petal fall and every 10 to 14 days thereafter until control is achieved. Bud Moth, Red Bug, Fruit Tree Leaf Roller, Rosy Apple Aphid, Green Apple Aphid, Red-Banded Leaf Roller (First Brood), Grasshoppers, European Red-Mite, Two-Spotted Mite, Pacific Mite, Scheone Mite, Willamette Mite, Clover Mite—½ pint. By Air: 2 pints per acre in water to cover. Repeat at 7 to 10-day intervals during summer months. This product may cause injury to fruit and foliage of McIntosh Apples and related varieties. Do not apply within 14 days of harvest.

APRICOTS: Codling Moth, Oriental Fruit Moth, Tortrix—½ pint. For Codling Moth and Oriental Fruit Moth apply at petal fall and every 10 to 14 days thereafter until control is achieved. Bud Moth, Fruit Tree Leaf Roller, Red Spider Mites, Aphids—½ pint. San Jose Scale, Brown Apricot Scale, Black Scale, Mite Eggs, Overwintering Twig Borer—In Dormant—1 pint (not over 5 pts. per acre) plus 1½ to 2 gals. VOLCK Supreme Spray or 3 to 4 gals. KLEENUP Flowable Emulsion. Do not apply within 14 days of harvest.

ARTICHOKE: Plume Moth, Aphids—1 qt. per acre in water to cover by ground or air. Do not apply within 7 days of harvest.

BEANS: Mexican Bean Beetle, Leafhopper, Aphids, Red Spider Mites, Two-Spotted Spider Mite, Armyworms—½ pint. By Air: 1 pint per acre in water to cover. Leaf Roller, Leaf Miner—3/5 pint. By Air: 1 pint per acre in water to cover. Repeat at 7 to 10-day intervals until controlled. Do not apply within 15 days of harvest.

BEEF: Webworm—½ pint. By Air: 1 pint per acre in water to cover. Aphids: ½ pint. By Air: ¾ to 1 pint per acre in water to cover. Spider Mites: 1¼ pints. Do not apply within 15 days of harvest or 21 days if tops are to be used for food or feed.

CABBAGE, BROCCOLI, BRUSSELS SPROUTS, CAULIFLOWER, KALE, MUSTARD GREENS: Diamond-Back Moth, Imported Cabbage Worm, Armyworm—½ to 1 pint. By Air: ¾ to 1 pint per acre in water to cover. Specific Aphid and Thrip Control: ½ pint. By Air: ¾ to 1 pint per acre in water to cover. Do not apply to Broccoli, Brussels Sprouts and Cauliflower within 7 days of harvest and to Cabbage, Kale and Mustard Greens within 10 days of harvest.

CARROTS: Aphids—½ pint, applying 300 gallons diluted spray per acre. By Air: ¾ pint per acre in water to cover. Do not use treated carrot tops for food or feed. Do not apply within 15 days of harvest.

CELERY: Celery Worms, Aphids—½ to 1 pint. By Air: ¾ to 1 pint per acre in water to cover. Do not apply within 21 days of harvest.

CHERRY: Plum Curculio, Cherry Fruitworm, Oriental Fruit Moth, Bud Moth, Tortrix, Cankerworm—½ pint. By Air: 2 pints per acre in water to cover. For Plum Curculio and Oriental Fruit Moth apply at petal fall and every 10 to 14 days thereafter until control is achieved. Aphids, Red Spider Mites: ½ to ½ pint. By Air: 1 to 1½ pints per acre in water to cover. Do not apply within 14 days of harvest.

CORN: Corn Rootworm Adults—¾ pint per acre in water to cover. Make full-coverage applications to foliage when adult beetles become abundant. Repeat as necessary. Do not apply within 12 days of harvest or cutting for forage.

COTTON: Aphids, Red Spider Mites—¾ pint per acre in water to cover. Leafhoppers—1 pint per acre in water to cover. Leaf Perforator—1 qt. per acre in water to cover. Cabbage Looper, Stink Bugs, Salt Marsh Caterpillars—1 pt. per acre in water to cover. Workers entering field within 24 hours after application should wear protective clothing. Do not hand-pick or harvest within 7 days.

CUCUMBER, SQUASH, MELONS: Cucumber Beetle, Melon Worm, Pickleworm, Serpentine Leaf Miner, Aphids—½ pint. By Air: Cucumbers, Melons—¾ pint per acre in water to cover. Squash—¾ pint per acre in water to cover. Do not apply to Cucumbers before vining or within 15 days of harvest. Do not apply to Melons within 7 days of harvest and to Squash within 15 days of harvest.

GRAPES: Mealybug, Leaf Folder—½ to ¾ pint. By Air: 1 to 1½ pints per acre in water to cover. Red Spider Mites: ½ pint. Repeat at 5 to 7 days. By Air: ¾ pint per acre in water to cover. Do not apply within 14 days of harvest. Do not enter vineyards within 21 days following treatment.

LETTUCE: Aphids, Loopers, Armyworms—¾ to 1 pint per acre in water to cover. Leaf Miner—1 pint per acre in water to cover. Do not apply to Head Lettuce within 7 days of harvest and to Leaf Lettuce within 21 days of harvest.

ONIONS: Thrips—½ pint. Repeat at weekly intervals as necessary. By Air: ¾ pint per acre in water to cover. Do not apply within 15 days of harvest. Onion Maggots—1 pint per acre in water to cover. Apply in the furrow at the time of planting onion seeds.

ORNAMENTALS (Commercial Plantings Only—Not to be Used Adjacent To Residences or Residential Areas): Aphids, Whiteflies, Red Spider Mites, Leafhoppers—½ pint. Repeat against Spider Mites and Leafhoppers in 7 to 10 days. Mealybugs, Scales, Leaf Tiers: ¾ pint against young or crawler stages. Repeat application may be necessary in 3 weeks.

PEAS: Aphid, Pea Weevil—½ pint per acre in water to cover. By Air: ¾ pint per acre in water to cover. Do not apply within 10 days of harvest.

PEACHES, NECTARINES: Plum Curculio, Oriental Fruit Moth, San Jose Scale, Cat-Facing Insects—½ pint. By Airplane: 2 pints per acre in water to cover. For Plum Curculio and Oriental Fruit Moth apply at petal fall and every 10 to 14 days thereafter until control is achieved. Peach Twig Borer—1 pint. By Airplane: 2 pints per acre in water to cover. Fruit Tree Leaf Roller, Cottony Peach Scale—½ pint. By Airplane: 1½ pints per acre in water to cover. Red Spider Mites—½ pint

By Airplane: 1½ pints per acre in water to cover. Gro ¾ pint. By Airplane: 1½ pints per acre in water to cover. Scale, Parlatoria Scale, Walnut Scale, Brown Apple Scale, Overwintering Twig Borer—In Dormant—1 pint per acre plus 1½ to 2 gals. VOLCK Supreme Spray or 3 to 4 gals. KLEENUP Flowable Emulsion. California Area—Do not apply more than once after 14 days of harvest. Do not apply more than once after 14 days of harvest. All Other Areas—Do not apply within 14 days of harvest. Do not apply more than 5 lbs. actual parathion per acre per year. Do not apply within 21 days following treatment.

PEARS: Pear Blister Mite—½ to ¾ pint in pre-blossom or post-blossom sprays. By Air: 1½ to 2 pints per acre in water to cover. Pear Psyllid—1½ to 2 pints per acre in water to cover. Use dosages listed under Apple for Pear. Mealybug, Woolly Aphid and certain Spider Mite conditions injury may result to Bosc Pears. Do not apply within 21 days following treatment.

PEPPERS: Aphids, Serpentine Leaf Miner—¾ pint per acre (60-240 diluted gals. per acre). By Air: 2 to 3 pints per acre in water to cover. Do not apply within 15 days of harvest.

POTATOES: Colorado Potato Beetle, Flea Beetle, Serpentine Leaf Miner, Grasshoppers, Whitefly, Aphid—½ pint per 100 gallons water (200 diluted gals. per acre) per acre in water to cover. Do not apply within 5 days of harvest.

PRUNE, PLUM: Plum Curculio—¾ to 1 pint. Apply every 10 to 14 days thereafter until control is achieved. Mealy Plum Aphid, Tortrix, Leaf Roller, Leafhopper, Spider Mites: ½ to ¾ pint. By Air: 2 to 3 pints per acre in water to cover. San Jose Scale, Parlatoria Scale, Brown Apple Scale, Mealy Plum Aphid Eggs, Mite Eggs, Overwintering Twig Borer—In Dormant—1 pint (not over 5 pts. per acre) plus 1½ to 2 gals. VOLCK Supreme Spray or 3 to 4 gals. KLEENUP Flowable Emulsion. Do not apply within 14 days of harvest.

RICE: Tadpole Shrimp, Leafminer—Apply 1½ pints per acre in water to cover. Hold water in check for three days and do not apply within 1 day of harvest.

SPINACH: Aphids—½ to 1 pt. per acre in water to cover. Do not apply within 14 days of harvest.

STRAWBERRY: Leaf Roller, Red Spider Mite, Lygids—½ to ¾ pint. Repeat at 7 to 10-day intervals

acre in water to cover. **Strawberry Root Weevil**—1 pint. Do not apply within 14 days of harvest.

TOBACCO (field): Aphids, Suckfly—½ pint. Make no application within 5 days of priming or 15 days of cutting. Avoid getting wet with plant juices when cutting. By Air: ¾ pint per acre in water to cover. (**Seed-bed**): Aphids—½ pint.

TOMATOES: Flea Beetle, Leafhopper, Serpentine Leaf Miner, Grasshoppers, Whitefly, Aphids—½ to 1 pint with regular fungicide program, using 200 gallons diluted spray per acre. By Air: 1 to 2 pints per acre in water to cover. Do not apply within 10 days of harvest.

TURNIPS: Diamond-Back Moth, Imported Cabbage Worm, Armyworms—½ to ¾ pint. By Air: ¾ pint per acre in water to cover. **Specific Aphid and Thrip Control**—½ pint. By Air: ¾ pint per acre in water to cover. Do not apply within 10 days of harvest.

VETCH, ALFALFA, CLOVER, WHEAT, OATS, BARLEY: Greenbug (Aphids), Armyworms, Grasshoppers—½ to ¾ pint per acre in water to cover. By Air: ¾ to 1 pint per acre in water to cover. **Alfalfa Weevil Larvae**—½ pint per acre. Apply when alfalfa is 12 to 14 inches high. For severe infestation repeat application to stubble after first cutting. Do not apply within 15 days of harvest. Do not graze animals on treated pasture or cut for hay within 15 days of application. Birds and other wildlife in treated areas may be killed.

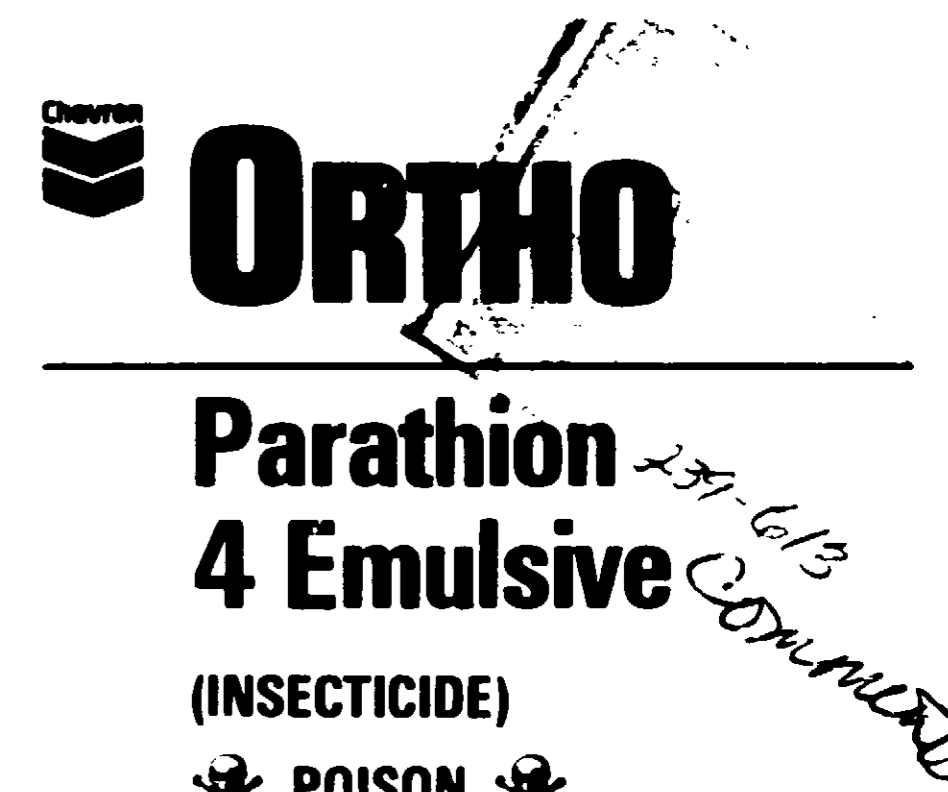
PRE-PLANTING SOIL TREATMENT: Lettuce, Cabbage, Cauliflower, Carrots, Beans—Symphids, Springtails, Centipedes—5 quarts per acre in water to cover. Work into top 3 to 6 inches of soil. Keep all persons and animals out of treated area for 48 hours. Do not contaminate ponds or streams.

CONDITIONS OF SALE: 1. Chevron Chemical Company (Chevron) warrants that this material conforms to the chemical description on the label and is reasonably fit for use as directed hereon. Chevron neither makes, nor authorizes any agent or representative to make, any other warranty of FITNESS or of MERCHANTABILITY, guarantee or representation, express or implied, concerning this material.

2. Critical and unforeseeable factors beyond Chevron's control prevent it from eliminating all risks in connection with the use of chemicals. Such risks include, but are not limited to, damage to plants and crops to which the material is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the uses stated hereon and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Chevron under 1 above) resulting from handling, storage, and use of this material.

Chevron Chemical Company

Ortho Division · San Francisco CA 94119 · Richmond CA 94804
Product 1737 · Made in U.S.A.
Form 8254 A
EPA Reg. No. 239-613-AA



Parathion 4 Emulsive

(INSECTICIDE)

☠ POISON ☠

SEE CONTAINER LABEL FOR ANTIDOTE AND DANGER STATEMENTS.

READ ENTIRE LABEL AND BOOKLET. USE STRICTLY IN ACCORDANCE WITH DANGER STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

KEEP PESTICIDE IN ORIGINAL CONTAINER.

WASH EMPTY CONTAINER WITH ALKALI AND DESTROY BY PUNCHING HOLES IN THE CONTAINER AND BURYING IN A SAFE PLACE AWAY FROM WATER SUPPLIES AND RUN-OFF. NEVER RE-USE.

DIRECTIONS FOR USE

ACCEPTED WITH COMMENTS