

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Keep out of reach of children

DANGER! PELIGRO!

PRECAUCION A USUARIOS: Se debe tener especial cuidado con este producto debido a que es altamente tóxico y puede causar graves daños a la salud humana y a los animales.

PONEROSOS SI SWALLOWED, INHALED OR ABSORBED THROUGH SKIN

RAPIDLY ABSORBED THROUGH SKIN

BE PLAYED EXPOSURE MAY WITHOUT SYMPTOMS BE INCREASINGLY HAZARDOUS

Do not breathe vapors or spray mist

Do not get in eyes, on skin or on clothing

POISON SIGNS (Symptoms)

Respiratory distress, dizziness, headache, nausea, vomiting, diarrhea, convulsions, loss of consciousness, death.

Signs of acute and chronic poisoning include: weakness, tremor, convulsions, paralysis, ataxia, depression, coma, death.

POISON

ATROPINE IS AN ANTIDOTE. CONSULT PHYSICIAN FOR EMERGENCY SUPPLY.

ONLY A PHYSICIAN AT ONE IN A FEW CASES MAY REVERSE PARATHION POISONING.

Systemic signs of poisoning include: profuse sweating, salivation, lacrimation, miosis, blurred vision, nausea, vomiting, diarrhea, convulsions, loss of consciousness, death.

NOTE TO PHYSICIAN

Antidote - administer atropine sulfate in large doses, TWO TO FOUR mg intravenously or intramuscularly as soon as cyanosis is reversed. Repeat at 5 to 10 minute intervals until signs of anticholinergic appear. 2 PMD chloride is a pharmacologic antidote and may be administered as an adjunct to, but not a substitute for, atropine. Do not give morphine or tranquilizers because these antidotes may produce adverse effects accentuating the pharmacologic effect of this product. The product 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 observation of the patient may occur and fatal relapse has been reported after initial improvement. VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS.

WORK SAFETY RULES

REPEATED EXPOSURES TO CHOLINESTERASE INHIBITORS SUCH AS ARE CONTAINED IN THIS PRODUCT MAY WITHOUT WARNING CAUSE PROLONGED SUSCEPTIBILITY TO VERY SMALL DOSES OF ANY CHOLINESTERASE INHIBITOR

Persons working with this product should have frequent blood tests of their cholinesterase levels. If the cholinesterase level falls below a critical point no further exposure should be allowed until it has been determined by means of blood tests that the cholinesterase level has returned to normal. Before using this product, consult the State Agriculture Experiment Station or Extension Station for specific recommendations regarding such blood tests.

If hand-pumped sprayers, provide mechanical exhaust ventilation.

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

Do not spray in areas with winds. If you feel sick or any way STOP work and get help right away. See First Aid (First Aid Treatment) section.

USE ONLY WHEN WEARING THE FOLLOWING PROTECTIVE EQUIPMENT AND CLOTHING

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

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. Wash 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 fully replaced according to instructions included in its literature.

Reentry Statement

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.

Do not enter treated areas for 48 hours unless appropriate protective clothing is worn.

Because certain states may require more restrictions to entry workers for re-entry crops treated with this product, consult your State Department of Agriculture for further information.

When an oral warning must be given to workers who are expected to be in a treated area or in an area about to be treated with this product.

ORAL WARNINGS shall inform workers of areas or fields that may not be entered without protective equipment and clothing specified on this label during treatment or for 48 hours following treatment. Follow First Aid Treatment instructions shown on this label in case of accidental exposure.

When oral warnings are given, warnings shall be given in a language commonly understood by workers. Oral warnings must be given if there is reason to believe that oral warnings cannot be understood by workers.

WRITTEN WARNINGS must include the following information.

WARNING - This product is highly toxic to humans and animals. It is not for home use. It is a restricted use pesticide. It is highly toxic to fish, birds, and other wildlife. It is highly toxic to bees and other beneficial insects. It is highly toxic to aquatic life. It is highly toxic to soil organisms. It is highly toxic to plants. It is highly toxic to animals.

ATTENTION

Do not use this product in areas where it is prohibited. Do not use this product in areas where it is restricted. Do not use this product in areas where it is highly toxic. Do not use this product in areas where it is extremely toxic.

Because this product is so toxic, it is not for home use. It is a restricted use pesticide. It is highly toxic to fish, birds, and other wildlife. It is highly toxic to bees and other beneficial insects. It is highly toxic to aquatic life. It is highly toxic to soil organisms. It is highly toxic to plants. It is highly toxic to animals.

Do not use this product in areas where it is prohibited. Do not use this product in areas where it is restricted. Do not use this product in areas where it is highly toxic. Do not use this product in areas where it is extremely toxic.

Environmental Hazards

This product is toxic to fish, shrimp, crabs, birds, and other wildlife. Birds and other wildlife in treated areas may be killed. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Drains and creeks may be killed if application rates recommended on this label. Do not apply where there are important resources. Do not apply where there is a high probability of drift. Do not apply where 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 clothing may be obtained from your Cooperative Agricultural Extension Service.

Physical or Chemical Hazards

Combustible. Do not use, per gallon or other unit based on flammability.

In case of FIRE, use water spray. Avoid dry chemical or CO2. SPILL or LEAK: Keep all unprotected persons away. Cover with absorbent sack or sand. Wash with water. Sweep up and bury. Wash area thoroughly with strong detergent.

Storage and Disposal

Do not contaminate water, food or feed by storage or disposal.

STORAGE AND HANDLING

- 1. Handle containers carefully to avoid damage and prevent leakage.
2. Do not use or store in or around the home.
3. Store containers in a well ventilated place.
4. Empty container without water and product residues. Observe all labels, warnings and container a closed, reconditioned or destroyed.
5. Keep out of reach of children and domestic animals.

DISPOSAL: Residues of this pesticide are acutely hazardous. Immerse disposal of excess pesticide spray residues, if residue is a component of treated crop. If these wastes cannot be disposed of according to label, no instructions, contact your state's pesticide or fire and control agency or the National Pesticide Representatives at the nearest EPA Regional Office for guidance.

Empty spray container with 5% caustic soda solution. Flush with water. Then offer for recycling or reconditioning, or rupture to prevent other use and disposal of as an open air landfill or by other procedure approved by state and local authorities.

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.

STOP READ THE LABEL

PARATHION 8E

(Contains 8 lbs. Parathion Per Gallon)

Table with 2 columns: Ingredient Name and Percentage. Active Ingredients: Parathion (O, G-diethyl O-p-nitrophenyl phosphorothioate) 80.74%, Xylene 9.03%. Inert Ingredients: 10.23%.

Keep out of reach of children.

DANGER PELIGRO NOT FOR HOME USE POISON

FIRST AID TREATMENT

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 doctor cannot come, take victim to clinic or hospital. Move victim immediately from the area where parathion is present. IF INHALED: Remove victim to fresh air. If not breathing, immediately give artificial respiration. Preferably mouth to mouth, and maintain until doctor sees victim. IF SWALLOWED: Induce vomiting immediately by giving two glasses of water and by touching back of throat with finger. DO NOT INDUCE VOMITING OR GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Have victim lie down and keep quiet.



Manufactured by

FARM CHEMICALS, INC.

ABERDEEN, NORTH CAROLINA EPA REG NO 12130-27 EPA EST. NO. 12130-NC-1

12130-27 1772 18101

Application should be made only by trained personnel using approved protective equipment. Do not apply with hand equipment. Four specified amount of this product into nearby filled spray tank. Add balance of water to fill tank. Keep agitator running during filling and spraying operations. Do not allow mixture to stand if mixture does not mix readily, but tends to separate as an oily layer. Do not use at night 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.

RECOMMENDATIONS

FRUITS: Apply as full coverage sprays only. Do not prune or thin trees in dense orchards until at least 2 weeks have elapsed for dissipation of vapors from residues. APPLE: San Jose Scale, Forbes Scale, Scabby Scale, Red-Banded Leaf Roller (second and third brood), Woolly Apple Aphis - Use 1/2 pint per 100 gallons. Bud Mite, Red Bug, Fruit Tree Leaf Roller, Mites, Rosy Apple Aphid, Green Apple Aphid, Mealy Bug, Red-banded Leaf Roller (first brood) - 1/2 pint per 100 gallons. Use as a full coverage spray. Do not apply within 14 days of harvest. Apply at petiole fall and every 10 to 14 days thereafter until control is achieved. For certain mites such as Two-spotted and Whitemite repeat application at 7 to 10 day intervals during summer months. These same directions apply to the control of mites on other deciduous fruits such as peach, pear, plum, and prune. Injury to fruit and foliage may result in particular if used on McIntosh and related apple varieties. PEACH: San Jose Scale, Peach Tree Borer, Collaring Insects - Use 1/2 pt. per 100 gallons. For peach tree borer apply 2 or 3 sprays to trunk from ground to scaffold limbs timed with moth flight. Fruit Tree Leaf Roller, Cottony Peach Scale, Green Peach Aphid, Spider Mite, Shot hole borer - Use 1/2 pint per 100 gallons. Lemon Scale (apply after all the eggs are hatched) - Use 1/2 pint per 100 gallons. Do not apply more than 2 lbs. actual parathion per acre per year. Use as a full coverage spray. Do not apply within 14 days of harvest. NOT FOR USE IN CA FORM. For control of Collaring Moth, Apple Maggot, Oriental Fruit Moth, and Plum Curculio. Apply at petiole fall and every 10 to 14 days thereafter until control is achieved. PEAR: Pear Psyllid - Use 3/16 pint per 100 gallons. Apply either in pre-blossom or post-blossom spray. Pear Blister Ache - Use 1/2 pint per 100 gallons. Use dosages listed under apple for control of Colling Moth, Mealybug, Woolly Aphis and certain mites. Under some conditions injury may occur on Boy's Pears in the Northeast. Use as a full coverage spray. Do not apply within 14 days of harvest. For control of Colling Moth, Apple Maggot, Oriental Fruit Moth and Plum Curculio. Apply at petiole fall and every 10 to 14 days thereafter until control is achieved. BLUEBERRY: Blossom Weevil, Leafhoppers - Use 1/3 pint per acre in sufficient water for thorough coverage. Cherry Fruitworm, Cranberry Fruitworm, Plum Curculio - Use 1/2 pint per acre. Do not apply within 14 days of harvest. For control of Colling Moth, Oriental Fruit Moth and Plum Curculio. Apply at petiole fall and every 10 to 14 days thereafter until control is achieved. GRAPE: Army Aphis - Use 1/2 pint per acre in sufficient water for thorough coverage. Berry Moth - Use 3/4 pint per acre. Pear Borer - Use 1/2 pint per acre. Pear Borer - Use 1/2 pint per acre. Do not apply within 14 days of harvest. For control of Colling Moth, Oriental Fruit Moth and Plum Curculio. Apply at petiole fall and every 10 to 14 days thereafter until control is achieved. VEGETABLES: Apply as full coverage sprays only in 3/4 gal. of water per acre consistent with crop growth and soil moisture for all applications. BEANS: Army Aphis, Armyworms, Leafhoppers, Leaf Miner, Leaf Roller, and Mexican Bean Beetle - Use 1/2 pint per acre in sufficient water for thorough coverage. Repeat applications at 7 to 10 day intervals until control is achieved. Do not apply within 15 days of harvest.

COLE CROPS: Cabbage, Broccoli, Brussels Sprouts, Cauliflower, Kale, Mustard, Turnip, Aphis, Armyworm, Cabbage Root, Imported Cabbageworm, Thrips - Use 1/4 pint per acre in sufficient water for thorough coverage. Do not apply within 15 days of harvest. CORN: Armyworm, Corn Rootworm, Adults - Use 1/2 pint per acre in sufficient water for thorough coverage. European Cornborer - Use 1/2 pint per acre. For Corn Rootworm make full coverage application to foliage when adult beetles become abundant and repeat as necessary. Do not apply within 15 days of picking, cutting or forage. Consult your State Agricultural Experiment Station for proper timing of treatments. CUCURBITS (Cucumber, Squash and Melons): Aphis, Cucumber Beetle, Melonworm, Pickleworm, Serpentine Leafminer - Use 1/4 to 1/2 pint per acre in sufficient water for thorough coverage. Do not apply unless plants are dry, not until runners begin to form. Do not apply within 15 days of harvest on cucumbers and squash. 7 days on melons. PEPPER: Aphis, Flea Beetle, Serpentine Leaf Miner, Pepper Maggot - Use 1/2 pint per acre in sufficient water for thorough coverage. Do not apply within 15 days of harvest. POTATO: TOMATO: Aphis, Flea Beetle, Leafhopper, Serpentine Leaf Miner - Use 1/4 pint per acre in sufficient water for thorough coverage. Do not apply within 10 days of harvest on tomatoes. ALFALFA: Aphis - Apply 1/4 to 3/8 pt. per acre as a full coverage spray or in 3 to 10 gal. of water by aircraft. Apply as required during the growing season. Alfalfa Weevil Larvae - Apply 3/8 to 1/2 pt. per acre when pods and shoots first appear ragged or when larvae count reaches 25 per sweep. In the case of severe infestations, apply 3/8 to 1/2 pt. per acre to the stubble immediately after removal of alfalfa. Do not apply within 15 days of harvest. SMALL GRAINS (Barley, Oats, Wheat): Aphis, Armyworms, Greenbug - Use 1/4 to 3/8 pint per acre in sufficient water for thorough coverage. Do not apply within 15 days of harvest.

OBSERVE THE FOLLOWING PRECAUTIONS

Observe use limitations given for specific crops. In order that pesticide residues on food and forage 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.

Seller warrants that the product conforms to its chemical description and is a reasonable fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty or responsibility or fitness for a particular purpose, express or implied, extends to the use of this product in violation of label instructions or under abnormal conditions not reasonably foreseeable to the user. The user assumes the risk of any such use.

with COMMENTS in EPA Letter Dated

JAN 31 1985

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the registered under EPA GALLONS

NET CONTENTS

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