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MALATHION ULV[®]

JUN 9 1974

CONCENTRATE INSECTICIDE

ACTIVE INGREDIENT:

Malathion: O,O-dimethyl phosphorodithioate of diethyl mercaptosuccinate 95%

INERT INGREDIENTS: 5%

TOTAL 100%

Contains 9.7 pounds malathion per gallon.

KEEP OUT OF REACH OF CHILDREN CAUTION

See Below for Additional Precautionary Statements

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NET CONTENTS _____

GALLONS

23531

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PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing vapors or spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly after handling and before eating or smoking. Do not contaminate feed or foodstuffs.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates, and aquatic life stages of amphibians. Do not apply directly to water or wetlands (i.e., swamps, bogs, marshes, and potholes). Drift and runoff may be hazardous to aquatic organisms in areas near the application site. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician or poison control center immediately. Induce vomiting by giving 1 or 2 glasses of water and touching back of throat with finger or blunt object. Do not induce vomiting or give anything by mouth to an unconscious person.

If inhaled: Remove victim to fresh air. Apply artificial respiration if indicated.

If on skin: Remove contaminated clothing and wash affected areas with soap and water.

If in eyes: Flush with water for at least 15 minutes and get medical attention.

Note to physician: This material is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote.

DIRECTIONS FOR USE

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

REENTRY

Do not enter treated areas without protective clothing until sprays have dried. Protective clothing means, at least, a hat or other suitable head covering, a long sleeved shirt and long legged trousers or a coverall type garment (all of closely woven fabric covering the body, including the

arms and legs), shoes and socks. Because certain states may require more restrictive reentry 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 this 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:

CAUTION

(Insert area or field description) treated with malathion on (insert date of application.) Do not enter treated areas without protective clothing until sprays have dried. In case of accidental exposure: Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to malathion and describe his condition. For further information see the "STATEMENT OF PRACTICAL TREATMENT" portion of the pesticide label.

STORAGE AND DISPOSAL

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

STORAGE: Do not use or store near heat or open flame. Keep product in original container, tightly closed and store in a cool, dry place. High temperatures may shorten shelf life of product.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. 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 residue or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent) and offer for recycling, reconditioning, or disposal in approved landfill or bury in a safe place.

Rinse Procedure: Drain pail completely. Add 1/2 gallon of water, 1/4 cup of detergent and 1/4 pound of lye. Tighten closure. Rotate pail to wet all surfaces and let stand for at least 15 minutes. Drain completely and rinse several times with water. Bury rinse solution 18 inches deep.

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

APPLICATION

MALATHION ULV CONCENTRATE is used ^{.....} through specially designed aircraft or ground equipment capable of applying ultra low volumes for control of the insects indicated below. Aerial applications are most effective when made at a boom height of 50 feet and a swath width of 50 feet. Do not make application when winds exceed 5 mph.

Mist blowers and boom sprayers utilizing a controlled air flow facilitate particle size and spray deposition may be used at a vehicle speed of 10 to 10 mph.

Mist blowers with a pump capable of producing up to 40 psi and blower speeds of 2600 rpm are satisfactory. Use flat fan nozzles, 8001 to 8002, placed 30" into air blast or rotary atomizers into the air blast that produce an efficient spray particle with a mass medium diameter of 40 to 100 microns. Swath widths should not exceed 30 feet, and applications should not be made when winds exceed 5 mph.

Boom sprayers with a filtered rotary air compressor, either PTO or gas engine driven or an air pump capable of producing at least 12 psi are satisfactory. Use air pressure on chemical tanks and an accurate metering valve to assure a calibrated flow of the pesticide. Air should be regulated with relief valve and gauge for proper air and liquid mixture. Pneumatic-type spray nozzles, as suggested by equipment manufacturer, should be used for spray particles with mass medium diameter of 30 to 100 microns. Applications should not be made when winds exceed

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5 mph.

Repeat applications should be made as necessary unless otherwise specified.

Consult your state experiment station or state extension service for proper timing of sprays.

NOTE: MALATHION ULV CONCENTRATE may cause spotting on automotive paint finish. Cars should not be sprayed directly. If accidental exposure does occur, the car should be washed immediately.

CROP	PESTS CONTROLLED	FLUID OUNCES PER ACRE	INTERVAL BETWEEN LAST APPLICATION AND HARVEST
Alfalfa, Clover, Pasture and Range Grass, Grass, Grass Hay, Nonagricultural Land (wastelands, roadsides, soil bank lands)	Grasshoppers	8	May be applied on day of harvest or grazing. Do not apply to alfalfa and clover in bloom. Do not apply to seed alfalfa.
Cereal Crops and Grasses	Cereal Leaf Beetle	4-8	Cereal Crops: 7 days of harvest or forage use. Grasses: May be applied on day of harvest or grazing.
Grain Crops	Grasshoppers	8	7 days. Corn: 5 days of harvest or forage use.
	Boll Weevil	8-12 16	Early to midseason, 8 day Late season, 0 day
Cotton	Grasshoppers	8	Very heavy migrating populations, 0 day
	Lygus Bugs	8-12 16	
	Early Season Insect: Flea-hoppers, Thrips Leafhoppers	4-8	0 day
Safflower	Grasshoppers Lygus Bugs	8	3 days of harvesting seeds.
Soybeans	Mexican Bean Beetle Grasshoppers Japanese Beetle Green Cloverworm	8	7 days of harvest or forage use.
Sugar Beets	Grasshoppers	8	7 days, if tops are to be used as feed.
Corn	Adult Corn Rootworm	4	5 days
Beans (lima, green, snap, Navy, red kidney, wax, dry, blackeye)	Mexican Bean Beetle Leafhoppers Green Cloverworm Japanese Beetle Lygus Bugs	8	1 day
Blueberries	Blueberry Maggot	10	0 day
Nonagricultural Lands	Beet Leafhopper (on wild host plants)	8	0 day
Beef Cattle—Feed lots and Holding Pens	Adult Flies and Mosquitoes	6-8	0 day

Alfalfa, Clover, Pasture and Range Grass, Grass and Grass Hay, Grain Crops, Beans, Rice, Tomatoes and Nonagricultural Lands (wastelands, roadsides, soil bank lands): Adult mosquitoes and Flies—Apply MALATHION ULV CONCENTRATE at the rate of 2 to 4 fluid ounces for control of adult mosquitoes and at 6 to 8 fluid ounces per acre for control of adult flies and mosquitoes. Repeat applications as necessary. On alfalfa, clover, pasture and range grass, grass and grass hay, may be applied on day of harvest or grazing. Do not apply to alfalfa and clover in bloom. Do not use on seed alfalfa. On grain crops, make no application within 7 days of harvest or forage use; on corn, within 5 days of harvest or forage use, on rice, within 7 days of harvest; on beans and tomatoes, within 1 day of harvest.

FOREST INSECTS

Apply with aircraft equipped for ultra low volume application. Make application when air is calm and temperature is below 66°F. Do not allow spray to contact ferns, hickory and maples a injury may result. Do not spray on elms under extreme heat, drought and disease conditions.

TREE	PESTS CONTROLLED	FLUID OUNCES PER ACRE	DIRECTIONS
Douglas Fir True Fir Spruce	Spruce Budworm	13	Apply when highest percentage of larvae are in the fifth instar.
Hemlock	Hemlock Looper	8	Apply when most larvae are in the third and fourth instar.
Pine	European Pine Sawfly	10	Apply when larvae are in the first or second instar or before they reach 1/2 inch in length.
Larch	Larch Casebearer	8	Apply in spring as soon as larvae break hibernation and begin feeding on new foliage.

NOTICE

Platte Chemical Co., Inc. warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of the product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Platte. In no case shall Platte be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. Platte makes no warranties or Merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.

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