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OCHEMCO

MALATHION 50 E.C.

EMULSIFIABLE CONCENTRATE

AGRICULTURAL

CAUTION POISON

READ THE LABEL BEFORE USING

REGISTRATION NO 11130
PEST CONTROL PRODUCTS ACT

GUARANTEE : MALATHION
500 GRAMS PER LITRE

OLIVER CHEMICAL
DIVISION OF
OLIVER INDUSTRIAL SUPPLY LTD
236 - 36 STREET NORTH
LETHBRIDGE, ALBERTA
T1J 4B2

Lethbridge - Calgary - Edmonton - Brooks
Regina - Outlook - Saskatoon - Brandon

CAUTION

FLAMMABLE - KEEP CONTAINER CLOSED AND AWAY FROM HEAT
AND OPEN FLAME

Hazardous if swallowed, inhaled, or absorbed through the skin. May cause cholinesterase inhibition.

HAZARDOUS PROPERTIES

Highly toxic to fish and bees. Emulsifiable concentrate formulations may cause injury to apples (McIntosh, Courtland), pears (Boxc, Bartlett), grapes (Ribier), young Cucurbits and ornamentals (Crassula, Ilex, African violet, petunia, sabina and canaerti junipers, Boston, maidenhair and Pteris terns).

PRECAUTIONS

Keep out of reach of children and domestic animals. Avoid breathing spray mist or dust. Avoid contact with skin, eyes or clothing. Wash exposed skin areas thoroughly with soap and water after working with malathion. Remove contaminated clothing. Clean contaminated clothing before re-use. Use a respirator when spraying crops in greenhouse or other enclosed areas. Do not contaminate feed or foodstuffs. Do not treat dairy barns. Do not apply to pastures while occupied by dairy animals. Do not treat any plants while in bloom. Avoid contaminating any water body containing fish. Wash treated food before eating. Do not apply to eyes, ears (except in ointment form) or nose of any animal. Containers should be kept tightly sealed when not in use. Do not store product near food, feed fertilizers, seed and like commodities.

FIRST AID

In case of exposure to malathion, move patient from area and remove all contaminated clothing. Wash all exposed skin with soap and water. If in eyes, flush with water. If swallowed and patient is conscious, induce vomiting by giving warm salty or soapy water. In case breathing is weak or irregular, give artificial respiration. Get prompt medical attention.

NOTE TO PHYSICIAN : Atropine is antidotal

DISPOSAL PROCEDURES

Malathion breaks down rapidly in the presence of water and alkaline materials. Containers and spillages can be readily decontaminated by the use of Javex or lye, or washing soaps containing sodium hydroxide. Residues of malathion can be buried in a suitable disposal area by first putting down a layer of soda ash or hydrated lime, then pouring in the malathion, adding another layer of soda ash or lime and by pouring in a mixture of Javex and water, then filling in the hole. The amount of lime and Javex would be dependent on the amount of malathion encountered.

Empty containers can be filled with lye or strong soap solution and left to stand for 24 hours. After washing, dispose of solution in lime bed. Crush and bury the containers.

POULTRY HOUSES

To control lice, apply 60 L OCHEMCO MALATHION 50 EMULSIFIABLE CONCENTRATE in 1000 L water. Apply treatment to get thorough coverage of nests, roosts, floors, and litter. Do not apply directly to birds. Repeat as needed. Avoid contamination of food and water troughs. May be used on shipping crates after use. Allow 14 days before applying to freshly white-washed surfaces.

To control mites, apply 20 L OCHEMCO MALATHION 50 EMULSIFIABLE CONCENTRATE in 1000 L of water and use same application procedures as for lice.

FARM BUILDINGS

To control house flies, stable flies, mosquitoes, lice apply 10- 20 L OCHEMCO MALATHION 50 EMULSIFIABLE CONCENTRATE per 1000 litres of water. Apply thoroughly to walls, floors, ceilings and manure piles. Use 5-10 L per 100 m². Molasses, sugar or syrup may be added to the spray to increase effectiveness. Repeat after 2 or 3 weeks or as is necessary. Do not use on dwelling or in milk processing rooms.

NOTICE TO USER

This control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use a control product under unsafe conditions.

NOTICE TO BUYER

Seller's guarantee shall be limited to the terms set out on the label and subject thereto. The buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

DIRECTIONS FOR USE

CROPS	INSECTS	RATE/HA	REMARKS	INTERVAL LAST SPRAY TO HARVEST
Tomato	Spider Mite, Aphids	1.50-2.00 litres	Obtain thorough coverage. Repeat as necessary.	3 days
Pea	Pea Aphid	2.00 litres	Obtain thorough coverage. Repeat as necessary. Do not apply unless foliage is dry.	3 days
Beans	Spider Mites, Aphids	1.50-2.75 litres	Apply to obtain full coverage. Repeat as necessary.	3 days
Turnip	Aphids, Mites, Cabbage Looper	1.1-2.75 litres	Obtain thorough coverage. Repeat as needed.	7 days

Beet	Aphids, Mites, Leafhoppers, Leafminers	1.1-2.75 litres	Obtain thorough coverage. Repeat as needed.	7 days
Potato	Leafhoppers, Aphids, Mites, Colorado Potato Beetle	1.50-2.00 litres	Obtain thorough coverage. Repeat as needed. Do not apply unless foliage is dry.	3 days
Corn (Grain, Forage)	European Corn Borer, Corn Earworm	2.00-2.75 litres	Use full coverage application when 10% of ears show silk. Repeat at 3 to 5 days intervals until 4 or 5 applications are made. Check with local agricultural authorities for correct timing.	5 days
Flax	Grasshopper	1.1-1.75 litres	Apply for thorough coverage. Treat when bees are absent from field and temperature is above 15'C.	7 days
Rapeseed	Diamond back Moth Larvae	550-850 mL	Use low volume application by air-craft. For ground rig or aircraft application. Apply for uniform coverage when bees are absent from area and temperature is above 15'C.	7 days
	Flea Beetles	700 mL		7 days
	Grasshoppers	1.1-1.75 litres		7 days
Mustard	Diamond Back Moth Fleabeetles Grasshoppers	550-850 mL 1.1 litres 1.1-1.75 litres	For ground rig or aircraft application.	7 days

Alfalfa	Alfalfa Weevil (larvae) Grasshoppers	2.00-2.75 litres	Apply when about 75% of foliage shows feeding damage. Do not apply to alfalfa in bloom.	7 days
	Pea Aphid	1.50 litres	Repeat as needed. Obtain thorough coverage. Do not treat alfalfa in bloom.	7 days
Wheat, Oats, Barley, Rye	Greenbugs, English Grain Aphid, Winter Grain, Mite	1.1-2.75 L	Apply for thorough coverage. Repeat as necessary.	7 days
Cereal crops, Grasses or Legumes grown for Hay	Grasshoppers	1.75 litres	Apply for thorough coverage.	7 days
Pasture & Range Grass	Grasshoppers	1.1-1.75 litres	For low volume application by aircraft. Repeat as necessary. May be grazed or harvested on day of application.	
Ornamental Aphids, Trees & Shrubs, Flowers	Thrips, Mealy Bugs, Spider Mites, Tent Caterpillars, White fly, Leafhoppers	1.5-2.75 litres 1.1 litres per 1000 litres of water	Apply at first appearance of pest. Obtain coverage. Repeat as needed. For use in hose-end sprayers.	

Beef Cattle Non-Lactating Dairy	Lice, Ticks, Gnats, Mosquitoes	10 L/1000 L	Spray animals thoroughly. Avoid treating eyes, ear and nose. Repeat treatment if necessary. Do not contaminate food or water trough. (Do not apply to animal under one month of age, animals nursing young, or dairy animals within two weeks freshening).	Do not apply within 30 days of slaughter
	Hornfly, Lice	2% solution (40 mL in 1 L of fuel or diesel oil)	Apply oil solution to back rubber device. One device should be continuously available for each 34-45 head of cattle. Retreat applicator every 2 to 3 weeks, (do not apply to animals under one month of age, or animals nursing young).	Do not apply within 30 days

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