

NOV 10 1971

# INSECTICIDE, MALATHION EMULSIFIABLE CONCENTRATE

Contains 60 grams of technical malathion per 100 ml. (Approximately 5 lbs. Technical Malathion per gallon.)

**ACTIVE INGREDIENTS:**

**MALATHION\***

**57%**

**AROMATIC PETROLEUM SOLVENT**

**40%**

**INERT INGREDIENTS:**

**3%**

\*O,O-Dimethyl dithiophosphate of Diethyl mercaptosuccinate.

**100%**

## CAUTION

### KEEP OUT OF REACH OF CHILDREN

Harmful if swallowed. Avoid contamination of the eyes. Avoid prolonged or repeated contact with skin. Avoid prolonged breathing of spray mist. Do not use in edible products areas of food processing plants, restaurants or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed. Wash thoroughly after handling insecticide.

Personnel mixing and applying the insecticide should wear protective clothing and solvent resistant gloves and should use a respirator or mask of a type approved for use with Malathion.

**NOTE TO PHYSICIAN:** Malathion may cause Cholinesterase Inhibition. Atropine is antidotal.

### DIRECTIONS FOR USE

For control of insects which have become resistant to DDT and other chlorinated hydrocarbon insecticides and for general insecticide use.

**FOR RESIDUAL APPLICATIONS.** (Ants, Bedbugs, Fleas, Roaches, Earwigs, Silverfish, Spiders, Crickets.) Add 2 fluid ounces of 57% malathion emulsifiable concentrate to one gallon of water to make a 1% emulsion.

For fleas and bedbugs in sleeping quarters for humans the spray should be applied lightly to all mattress surfaces in sufficient quantity to "mist" the fabric and should be applied generously to beds and woodwork with special care taken to wet all possible hiding places, repeating the application as necessary. For flea control in dwelling inhabited by animals, a 2% malathion solution may be used. For Roaches, Spiders, Crickets, Silverfish, Earwigs, and Ants, emphasis should be placed on treatment of cracks and hiding places, floor coverings, baseboards, ant trails, door sills and windows where the pests enter the premises.

Care must be taken to avoid the contamination of food, utensils, milk, milk equipment and water.

**FOR FOLIAGE APPLICATIONS.** Apply to both upper and lower leaf surfaces and other plant parts. Ornamentals: Roses, flowers, evergreens, shrubs and trees. Two teaspoons per gallon of water to control Aphids, Mites, Red Spider Mites, Spruce Mites, Japanese Beetle Adults, Mealy Bugs, Thrips, Leaf Hoppers, Flea Beetles, White Fly, Lace Bug, Bag Worm, Tarnished Plant bug, Birch, Boxwood, and Elm Leaf Miners, Tent Caterpillar, Soft Brown Scale, Black Scale Crawlers, Oyster Shell Scale, Euonymous Scale. Do not use on certain ferns including Boston, Maidenhair, and Pteris.

Vegetables: Tomatoes, peppers, cucumbers, beans, peas, cabbage, cauliflower. Flea beetles, Aphids, Mexican Bean Beetles, Cucumber Beetles, Leaf Hoppers, Red Spider Mites, Thrips, Cabbage Worms. One tablespoon per gallon of water. Do not use within seven (7) days of harvest.

Fruit Trees and Bush Fruits: Apples, pears, plums, peaches, apricots, cherries, grapes, black berries, blue berries, raspberries. One tablespoon per gallon of water to control Aphids, Red Banded Leaf Roller, Codling Moths, Mites, Red Spider Mites, Plum Curculio, Leaf Hoppers, Japanese Beetle Adults, Oriental Fruit Moths, Bud Moths. Apply at 7 to 10 day intervals. Do not use within 7 days of harvest.

**FOR FOG AND MIST APPLICATIONS.** (Adult mosquitos, gnats and house flies.) Add 1 pint of 57% malathion emulsifiable concentrate to 2 1/2 gallons of water or fuel oil to make a 3% solution. Direct spray around accumulated debris, puddles of stagnant water and around the outside of buildings. Avoid prolonged contact with live, rock and household pets.

DO NOT APPLY WHEN WEATHER CONDITIONS FAVOR DRIFT OF SPRAY FROM AREAS TREATED. THIS PRODUCT IS TOXIC TO FISH. DO NOT APPLY WHERE RUNOFF IS LIKELY TO OCCUR. KEEP OUT OF LAKES, STREAMS AND PONDS.

**CORNMEAL BAITS FOR FLY CONTROL.** While stirring 12 pounds of cornmeal in a suitable container, add 1/2 pint of 57% malathion emulsifiable concentrate and 1/4 pint of vegetable oil and mix uniformly. Then add 3 teaspoons of lampblack and 2 pounds of confectioners' sugar, stir until mixture is uniform. Sprinkle in areas where adult flies rest.

Rinse equipment and containers and dispose of wastes by burying in non crop lands away from water supplies. Containers should be disposed of by punching holes in them and burying with wastes, or by burning. (Keep out of smoke)