



MALATHION 50% EMULSIFIABLE CONCENTRATE

Designed for dilution with water, and suitable for controlling certain vegetable, ornamental, fruit, household, and animal insects:

Active Ingredients:

Malathion* (O, O-Dimethyl Dithiophosphate of Diethyl Mercaptosuccinate)	50.0%
Methylated Naphthalenes	39.0%
Inert Ingredients	11.0%
	100.0%

CAUTION

KEEP OUT OF REACH OF CHILDREN: HARMFUL IF SWALLOWED. Avoid prolonged breathing of spray mist. Avoid prolonged or repeated contact with skin. Avoid contamination by removing foods and foodstuffs. Never re-use the containers, destroy them when empty.

FIRST AID

EXTERNAL: If spilled on skin or clothing, wash thoroughly with soap and water and change clothes. For eyes, flush with water for 15 minutes and get medical attention promptly.

INTERNAL: If swallowed, induce vomiting by giving a tablespoonful of salt in a glass of warm water. Repeat until vomit fluid is clear. CALL A PHYSICIAN IMMEDIATELY. **SYMPTOMS** of poisoning are pin point pupils, drooling, lachrymation, labored breathing, vomiting, marked tremors, diarrhea and convulsions. If these symptoms should occur after handling or using Malathion CALL A PHYSICIAN IMMEDIATELY.

NOTE TO PHYSICIAN: If the above symptoms are present, atropine sulfate is the drug of choice.

2-PAM is also antidotal and may be administered in conjunction with atropine.

DIRECTIONS FOR USE

The following are general recommendations for the use of Malathion 50% Emulsifiable Concentrate for use in homes and small gardens. THE RECOMMENDATIONS ARE BASED ON MAKING ONE (1) GALLON OF SPRAY. SPRAY THOROUGHLY AND REPEAT APPLICATIONS AS NECESSARY; FOR ONE ACRE OF LAND USE PINT AMOUNTS IN SUFFICIENT WATER TO COVER AREA.

VEGETABLE APPLICATIONS

CELERY: For aphids and spider mites use one (1) teaspoonful. Do not apply later than seven (7) days before harvest: 1½ pints acre.

BEANS: Use one (1) teaspoonful for leafhoppers, Mexican bean beetle, and spider mites. Do not apply later than seven (7) days before harvest: 1½ to 2 pints acre.

CABBAGE, TURNIPS, KALE, EGGPLANT, ONIONS, PEAS, PEPPERS, NUTBAGAS,

BEETS: Use one (1) teaspoonful to a gallon of water for aphids and spider mites. Do Not apply later than seven (7) days before harvest: 1 to 2 pints acre.

POTATOES: For aphids and leafhoppers use one (1) teaspoonful seven (7) days before harvest: 1 to 1½ pints acre.

TOMATOES: For aphids and spider mites use one (1) teaspoonful seven (7) days before harvest. It is our recommendation that all vegetables should be thoroughly washed before eating or using 1 to 2 pints acre

FRUIT INSECTS IN HOME YARDS

APPLES: To control aphids, bud moth, forbes scale, codling moth, plum curculio, red banded leaf roller and spider mites: Use two (2) teaspoonfuls in a gallon of water. Do not use on McIntosh and Cortland varieties as summer sprays. Spray as needed but no later than five (5) days before harvest: 1 to 2 pints acre.

GRAPES: For leaf hoppers, spider mites, mealy bugs Use one (1) teaspoonful do not apply later than seven (7) days before harvest: May cause injury to ribber grapes: 1½ pints acre.

CHERRIES: Use one (1) teaspoonful to a gallon of water for black cherry aphids and fruit leaf rollers. Do not apply later than five (5) days before harvest: 1 to 1½ pints acre.

PEARS: To control codling moth, fruit tree leaf rollers, pear sawfly, plum curculio and red

warm water. Repeat until vomit fluid is clear. CALL A PHYSICIAN IMMEDIATELY. SYMPTOMS of poisoning are pin point pupils, drooling, lachrymation, labored breathing, vomiting, marked tremors, diarrhea and convulsions. If these symptoms should occur after handling or using Malathion CALL A PHYSICIAN IMMEDIATELY

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VEGETABLE APPLICATIONS

CELERY: For aphids and spider mites use one (1) teaspoonful. Do not apply later than seven (7) days before harvest. 1 1/2 pints acre.

BEANS: Use one (1) teaspoonful for leafhoppers, Mexican bean beetle and spider mites. Do not apply later than seven (7) days before harvest. 1 1/2 to 2 pints acre.

CABBAGE, TURNIPS, KALE, EGGPLANT, ONIONS, PEAS, PEPPERS, TATABAGAS,

BEEETS: Use one (1) teaspoonful to a gallon of water for aphids and spider mites. Do Not apply later than seven (7) days before harvest. 1 to 2 pints acre.

POTATOES: For aphids and leafhoppers use one (1) teaspoonful seven (7) days before harvest. 1 to 1 1/2 pints acre.

TOMATOES: For aphids and spider mites use one (1) teaspoonful seven (7) days before harvest. It is our recommendation that all vegetables should be thoroughly washed before eating or using. 1 to 2 pints acre.

FRUIT INSECTS IN HOME YARDS

APPLES: To control aphids, bud moth, forbes scale, codling moth, plum curculio, red banded leaf roller and spider mites: Use two (2) teaspoonfuls in a gallon of water. Do not use on McIntosh and Cortland varieties as summer sprays. Spray as needed but no later than five (5) days before harvest. 1 to 2 pints acre.

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CHERRIES: Use one (1) teaspoonful to a gallon of water for black cherry aphids and fruit leaf rollers. Do not apply later than five (5) days before harvest. 1 to 1 1/2 pints acre.

PEARS: To control codling moth, fruit tree leaf rollers, pear psylla, plum curculio and red-banded leaf roller. Use two (2) teaspoonfuls to a gallon of water not later than seven (7) days before harvest. Do not use on Bosc pears. 1 to 2 pints acre.

PEACHES: For spider mites, oriental fruit moth, and plum curcullo. Use two (2) teaspoonful to a gallon of water. Do not apply later than seven (7) days before harvest. WASH thoroughly all fruit before using or eating. 1 to 2 pints acre.

ORNAMENTAL INSECTS

For use on flowers, shrubs and shade trees. To control aphids, birch leaf miners, flour lined leaf bug, japanese beetle, lace bugs, leafhoppers, mealybugs, tarnished plant bug, thrips, whitefly and European pine shoot moth. Use one (1) teaspoonful to a gallon of water, spray thoroughly as needed.

To control bagworms, boxwood leaf miners, oak kermes, tent caterpillars, azalea scale, black scale, crawlers, euonymus scale, fletcher scale, juniper scale, leaf scale, magnolia scale, oyster shell scale, and spider mites use two (2) teaspoonful to a gallon of water. For pine needle scale use four (4) teaspoonful to one (1) gallon of water. Do not use on ferns and species of crassula. 1 to 2 pints per acre in sufficient water to cover.

HOUSEHOLD INSECTS

Use three (3) tablespoonful of this product in one (1) quart of water. Apply as a coarse spray or brush on window sills, baseboards, drainboards, under sinks and stoves, cracks and crevices, and hiding places to control roaches, ants, spiders, silver fish, crickets, clover mites and earwigs. Water base sprays may stain finished surfaces. Do not use near any food or utensils. Wash utensils before using, apply as necessary. Do not use in commercial food preparation areas or in edible products area of food producing plants.

ANIMAL PESTS

For fleas on dogs and cats use one (1) ounce of this concentrate in one (1) gallon of water. Use a hand sprayer and visit animal thoroughly, animals that are not confined should be re examined every three (3) weeks or so and treated if needed. For animal quarters use one (1) and 1/2 ounce in one (1) quart of water, spray thoroughly around porches, bins, garages and kennels spray thoroughly as needed. DO NOT TREAT ANIMALS UNDER ONE MONTH OF AGE.

FISH AND WILDLIFE CAUTIONS

Do not contaminate water by cleaning equipment or disposal of wastes. Apply this product only as specified on this label.

ATLANTIC RESEARCH LABORATORIES CORP

29 05 40th Road

Long Island City, New York 11101

ACCEPTED
FEB 22 1966
IN RESEARCH LABORATORIES
CORP.