

ALCO

MALATHION 57 Spray Concentrate

Contains 5 lbs. Malathion/Gallon

CONTROLS FLIES, LICE, TICKS, POULTRY MITES, FLEAS, AND HOUSEHOLD INSECTS ON AND AROUND LIVESTOCK, POULTRY, HOMES, FARM BUILDINGS, AND DOG KENNELS, - FOR PEST CONTROL ON CHICKENS, DUCKS, GEESE, TURKEYS, BEEF CATTLE, HOGS, SHEEP AND GOATS.

ACTIVE INGREDIENT:

Malathion (O,O-dimethyl dithiophosphate of diethyl mercaptosuccinate)	57.0%
INERT INGREDIENTS*	43.0%
TOTAL	100.0%

*Contains Aromatic Petroleum Derivative Solvent

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENTS OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Do not induce vomiting. Aromatic solvent may present aspiration hazard. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.
IF IN EYES: Flush eyes with plenty of water. Get medical attention.
IF ON SKIN: Remove contaminated clothing and wash affected area with soap and water. Get medical attention if irritation persists.
IF INHALED: Remove victim to fresh air and apply artificial respiration if indicated. Get medical attention.
NOTE TO PHYSICIAN: Malathion is a cholinesterase inhibitor. Treat symptomatically. Atropine is antidotal. Gastric lavage indicated if product was swallowed.

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

FOR COMPLETE ADDITIONAL DIRECTIONS FOR USE SEE COLLATERAL LABELING BOOKLET ATTACHED TO THIS CONTAINER
EPA REG NO 5481-10-AA EPA EST. NO 5481-CA-1
NET CONTENTS 1 GALLON

AMVAC CHEMICAL CORPORATION

1100 EAST WASHINGTON BLVD
LOS ANGELES, CALIFORNIA 90023

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid breathing vapor or spray mist. Avoid contact with skin. Wash thoroughly after handling and before eating or smoking. Wash contaminated clothing before re-use. Do not contaminate food or feed. NOTE TO PHYSICIAN: Malathion may cause cholinesterase inhibition. Atropine is antidotal.

RE-ENTRY AND FARM WORKER SAFETY 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 Citrus Grove areas for 24 hours and not until sprays have dried for other crops unless appropriate protective clothing is worn. Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information. Written or oral warnings must be given to workers who are expected to be in treated areas or in an area to be treated with this product. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Written warnings must include the following information: "CAUTION: Area treated with MALATHION 57 on (Date). Do not enter Citrus Groves without appropriate protective clothing for 24 hours. Do not enter other treated crops without appropriate clothing until sprays have dried. When a mixture of 2 or more organophosphate pesticides is applied, the re-entry interval shall be extended by adding to the longest applicable interval an additional 50% of that interval. In case of accidental exposure refer to STATEMENTS OF PRACTICAL TREATMENT or other Precautionary Statements on this product label. Apply this product only as specified on this label or on the attached Supplemental Labeling.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates and aquatic life stages of amphibians. Do not apply directly to water except as specified on this label. 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, pour, spill or store near heat or open flame.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. STORAGE: Store product in its original labeled container in a cool, dry, locked place out of reach of children. PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. CONTAINER DISPOSAL: GLASS: Triple rinse or equivalent. Then 3 rinse of in a sanitary landfill or by other approved State and local procedures. METAL: Triple rinse or equivalent. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State & local authorities.

FLY CONTROL

Mix 1 gallon of this product in 50 gallons of water (8 fluid ounces/3 gallons 5 tbsp / 1 gallon) Baited Spray: To attract flies and prolong effectiveness add 10 pounds powdered sugar or 1 gallon corn syrup or unsulfurized molasses/50 gallon (1 cup sugar or syrup/gallon). Apply 1 quart/250 sq. ft. of painted surface or 2 quarts if unpainted. Treat areas where flies rest or congregate such as outside of buildings, inside walls, ceilings, door and around window frames of barns, pens, corrals, poultry houses, kennels, garbage cans and other structures. Do not use in milk rooms or rooms where edible products are handled.

MOSQUITO AND SMALL FLYING INSECTS

On indoors use a 2% to 5% aerosol or space spray. Dilute 1 part in 28 parts of water for 2%, or 1 part in 78 parts of fuel oil or diesel oil for 2.5%. Direct fog or aerosol to areas where insects are a problem. For 5% fog dilute 1 part to 11 parts water OR 14 parts fuel oil for diesel oil.

MOSQUITO LARVAE

IN STANDING WATER: Apply at the rate of 13 fluid ounces (1/2 lb. actual malathion/acre) - Mix in sufficient water or oil for good coverage - Mosquito Larvae Spot Treatment - Dilute 1 part to 100 parts water (8 tsp/1 gallon). Use only in intermittently flooded areas, standing water, temporary rain pools, and log ponds.

CHICKENS - DUCKS - GEESE - TURKEYS POULTRY MITES AND LICE

On Chickens, Ducks, Geese, Turkeys: Use 1 fluid oz. (2 tbsp.) per 1 gallon of water and spray on birds using 1 gallon/100 to 150 birds. Repeat in 4 to 8 weeks or when necessary.

POULTRY HOUSE

Northern Fowl Mites, Chicken Red Mites, Poultry Lice and Flies: Use 2 fluid oz. (4 tbsp.) / 1 gallon of water and spray liberally on walls, ceilings, floor, roosts, nests and adjacent areas forcing spray into all cracks and crevices.

POULTRY TICKS

Use 8 to 7 fluid oz. / gallon of water. Spray thoroughly on walls, ceilings and adjacent areas forcing spray into all cracks and crevices. ROOST PAINT: Chicken Red Mites, Poultry Lice: Mix 2 oz. (4 tbsp.) / 1 gallon of water and brush on roosts at the rate of 1 pint/150 roosts as needed.

PREMISE SPRAY FOR FLEAS

Remove all debris or manure. Thoroughly spray all pens, kennels, yards, lawns. Use 5 fluid Oz / 1 gal. of water/1,000 Sq Ft.

LICE ON BEEF CATTLE AND SWINE

Use 1 gallon/100 gallon of water. Thoroughly spray animals, pens and water. Repeat only if needed.

TICKS ON BEEF CATTLE

Use 1 to 2 gallon/100 gallons of water. Spray animals completely. Repeat at two week intervals if needed.

LICE, TICKS & KEDS ON SHEEP AND GOATS

Use 1 gallon/100 gallons water (1-1/2 fluid oz/1 gal.) and spray animals thoroughly. Repeat after 2 or 3 weeks if needed. Do not apply to milk goats or animals under 1 month of age.

IMPORTANT PRECAUTIONS TO OBSERVE WHEN USING ON ANIMALS: Do not apply to lactating dairy animals or to calves less than one month of age. Avoid contamination of feed, foodstuffs, food containers and watering troughs. Do not apply to dogs or cats. Sprayed hogs and other animals should be kept out of sun and wind for a few hours after treatment.

IMPORTANT - READ BEFORE APPLYING THIS FOR HOUSEHOLD INSECT CONTROL: The solvent in this product may stain certain fabric, plastic, rubber and asphaltic materials such as tiles, carpet, and floor coverings. Avoid treating them or treat a very small inconspicuous area first to see if the material is affected by the spray. If unaffected treat them sparingly and clean thoroughly after the insecticide has dried. Otherwise do not treat.

HOUSEHOLD INSECTS

Roaches, Crickets, Ants, Crickets, Spiders, Silverfish, Clover Mites, Earwigs, Carpet Beetles, Clothes Moths, Bed Bugs: Mix 3 tbsp in 1 quart of water (8 1/2 fluid oz/gallon), or for an oil base spray mix 1 part with 18 parts of deodorized base kerosene solution made up of 4 parts kerosene type solvent plus one part aromatic hydrocarbon solvent. Apply as a coarse spray or with a paint brush or low pressure spray to areas where insects run or hide such as around windows, baseboards, trimboards, under sinks, stoves, along and under carpet margins, closets, and to other areas frequented by these pests.

NOTICE: This product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use. Manufacturer is not responsible for the use of this product contrary to the label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the manufacturer and/or seller, and buyer assumes the risk of any such use.

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EPA REG NO 5481-10

TOMATOES: Aphids use 1 pt. 100 gals. water/acre = (1 1/2 tsp/gal) Spider Mites use 1 1/2 pt. 100 gals. water/acre = (1 1/2 tsp/gal) Leafhopper per. Strawberry Leaf Roller, White Flies use 1 1/2 to 2 1/2 pt. 100 gallons/acre = (1 1/2 to 2 1/2 tsp/gal) Do not apply within 3 days of harvest.

TURNIPS: Aphids Cabbage Looper, Imported Cabbage Worm, use 1 to 2 pts./100 gals. water/acre = (1 to 2 tsp/gal) Do not apply within 3 days of harvest.

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SEE LABEL AFFIXED TO PRODUCT FOR ACTIVE INGREDIENT STATEMENT, PRECAUTIONARY STATEMENTS AND OTHER USES FOR ANIMALS, PETS, AND IN HOUSEHOLD.

AMVAC CHEMICAL CORPORATION
4100 EAST WASHINGTON BLVD
LOS ANGELES CA 90023



MALATHION 57 SPRAY CONCENTRATE

Contains 5 lbs. Malathion/Gallon

FOR USE ON ORNAMENTAL SHRUBS & TREES - FRUITS - NUTS - VEGETABLES AND FIELD CROPS AS LISTED

SEE LABEL AFFIXED TO PRODUCT FOR ACTIVE INGREDIENT STATEMENT, PRECAUTIONARY STATEMENTS AND OTHER USES FOR ANIMALS, PETS, AND IN HOUSEHOLD

ACTIVE INGREDIENT	
Malathion (O-Dimethyl dithiophosphate of diethyl mercaptosuccinate)	57.0%
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STATEMENTS OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

IF IN EYES: Flush eyes with plenty of water. Get medical attention.

IF ON SKIN: Remove contaminated clothing and wash affected area with soap and water. Get medical attention if irritation persists.

IF INHALED: Remove victim to fresh air and apply artificial respiration if indicated. Get medical attention.

NOTE TO PHYSICIAN: Malathion upon repeated, prolonged or careless exposure may cause cholinesterase inhibition. Atropine is anti-dotal. Aromatic solvent may present aspiration hazard. Gastric lavage indicated if product was swallowed.

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1 ORNAMENTALS, SHRUBS, SHADE TREES

Aphids, Spider Mites, White Flies, Mealy Bugs, Thrips, Tarnished Plant Bugs, Leafhoppers, Oystershell Scale, Scurfy Scale use 1 1/2 pts./100 gallons water = (1 1/2 tsp./1 gal. water). Soft Brown Scale, Monterey Pine Scale, Black Scale, Crawlers, Juniper Scale use 2 1/2 pts./100 gals. water = (2 1/2 tsp./1 gal. water). Pine Needle Scale use 4 pts./100 gallons water = (4 tsp./1 gal. water). Leaf Miner, use 2 pts./100 gallons water = (2 tsp./1 gal. water).

AGRICULTURAL USES

ALFALFA: Alfalfa Weevil larvae, Aphids, Armyworms, Clover Leaf Weevil, Grasshoppers, Leafhoppers, Lygus Bugs, Spider Mites, Spittlebugs, Spotted Alfalfa Aphid, use 1 1/2 to 2 pts. in 100 gals. water/acre = (1 1/2 to 2 tsp./gal. water). Pea Aphid, use 1 pint in 100 gals. water/acre = (1 tsp. to 1 gal. water). May be applied to day of harvest.

ALMONDS: Red Spiders, use 1 to 2 pts./100 gals. water = (1 to 2 tsp./gal. water). Peach Twig Borer, use 1 to 1 1/2 pts./100 gals. water = (1 to 1 1/2 tsp./gal. water). May be applied to day of harvest.

APPLES: Aphids, Woolly Apple, Green Apple, Rosey Apple, Tent Caterpillars use 1 to 1 1/2 pts./100 gals. water = (1 to 1 1/2 tsp./gal. water). Bud Moth, forbes Scale, use 1 pt./100 gals. water = (1 tsp./gal. water). Codling Moth, Mealybugs, Plum Curculio, Red Banded Leafroller, use 2 pts./100 gallons water = (2 tsp./gal. water). Do not apply within 3 days of harvest.

APRICOTS: Aphids, Codling Moth, Orange Tortrix, Soft Brown Scale, Terrapin Scale, use 1 to 2 pts./100 gals. water = (1 1/2 to 2 tsp./gal. water). Do not apply within 7 days of harvest.

ASPARAGUS: Asparagus Aphid, Asparagus Beetle, Thrips, use 2 pts./100 gals. water = (2 tsp./gal.) Do not apply within 1 day of harvest.

AVOCADOS: Greenhouse Thrips, Lalaia Scale, Omnivorous Looper, Orange Tortrix, Soft Brown Scale, use 1 1/2 pts./100 gals. water = (1 1/2 to 2 tsp./gal.) Do not apply within 7 days of harvest.

BEANS: Lima, Green, Snap, Navy, Red Kidney, Wax, Dry, Blackeyed, For Mexican Bean Beetles, Leafhoppers, Green Cloverworm, Japanese Beetle, Lygus Bugs, use 1 1/2 pts./100 gals. water.

BLACKBERRIES, BOYSENBERRIES, DEWBERRIES, LOGANBERRIES, RASPBERRIES: For Aphids, Rose Scale, use 3 pts./100 gals. water/acre = (3 tsp./gal.). For Japanese Beetle, Leafhoppers, Mites, Thrips, use 1 1/2 pt. in 100 gals. water per acre = (1 1/2 tsp./gal.) Do not apply within 1 day of harvest.

CHERRIES: Black Cherry Aphid, Fruit Tree Leaf Flower, use 1 1/2 pt./100 gals. water = (2 tsp./gal.). For Bud Moth, Japanese Beetle, use 1 pt. per 100 gals. = (1 tsp./gal. water). Do not apply within 3 days of harvest.

CITRUS: Black, California Red, Citricola, Purple, Soft and Yellow Scale, Thrips, use 1 to 1 1/2 pts./100 gals. water = (1 to 1 1/2 tsp./gal. water). Florida Red and Purple Scale, use 2 pts./100 gals. water = (2 tsp./gal. water). Do not apply within 7 days of harvest.

CORN: Aphids, Armyworms, Cereal Leaf Beetle, Corn Rootworm Adults, Grasshoppers, Sap Beetles, Thrips, use 1 1/2 pts./100 gallon water/acre = (1 1/2 tsp./gal. water). Do not apply within 7 days of harvest.

EGGPLANT: Aphids, Spider Mites, use 1 pt./100 gals. water = (1 tsp./gal. water). Lace Bugs, use 3 pts./100 gals. water = (3 tsp./gal. water). Do not apply within 3 days of harvest.

LETTUCE: Aphids, Leafhoppers, use 2 pts./100 gals. water = (2 tsp./gal. water). Cabbage Looper, use 3 pts./100 gals. water. Do not apply within 14 days of harvest for Leaf Lettuce and 7 days for Head Lettuce.

MELONS: (Except Watermelons), Aphids, Spider Mites, use 1 1/2 pts./100 gals. water = (1 1/2 tsp./gal. water). Cucumber Beetles, use 2 pts./100 gals. water = (2 tsp./gal.) Do not apply within 1 day of harvest.

PEACHES: Aphids (Green Peach, Black Cherry, Black Peach, Rusty Plum), Japanese Beetles, use 1 pt./100 gals. water = (1 tsp./gal.). Cottony Peach Scale, Oriental Fruit Moth, Plum Curculio, Terrapin Scale, use 2 pts./100 gals. water = (2 tsp./gal.) Do not apply within 7 days of harvest.

PEARS: Codling Moth, Fruit Tree Leaf Rollers, Plum Curculio, Red Banded Leaf Roller, use 2 pts./100 gals. water = (2 tsp./gal.) for Mealy Bugs, Mites, Pear Psylla, use 1 to 2 pts./100 gals. water = (1 1/2 tsp./gal.) Do not apply within 1 day of harvest.

PEAS: Aphids, Pea Weevil, use 1 1/2 pts./100 gals. water = (1 1/2 tsp./gal.). Do not apply within 7 days of harvest if vines are used as animal feed, 3 days if vines are not used as animal feed.

PEANS: Aphids, Mites, use 1 1/2 pts./100 gals. water/acre = (1 1/2 tsp./gal.) May be applied to day of harvest.

STRAWBERRIES: Aphids, Spider Mites, Strawberry Root Weevil, use 1 1/2 pts./100 gals. water = (1 1/2 tsp./gal.). Field Crickets, Lygus Bugs, Spittle Bugs, Thrips, use 1 1/2 to 3 pts./100 gals. water/acre = (1 1/2 to 3 tsp./gal.). Four-toothed Leafhopper, Strawberry Leafrollers, White Flies, use 1 1/2 to 2 1/2 pts./100 gals. water/acre = (1 1/2 to 2 1/2 tsp./gal.). Do not apply within 3 days of harvest.