

COMFILE B:5481-136.LAB #6  
EPA REG. NO. 5481-136-AA



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Revision 1/21/86  
See EPA letter date  
11/04/85

A L C O

EPA Reg. No. 5481-136

M A L A T H I O N                      5                      S P R A Y

Contains 5 lbs. Malathion Per Gallon

FOR CONTROL OF INSECTS ON ORNAMENTAL PLANTS, SHRUBS, & SHADE TREES  
FOR HOUSE FLIES, MOSQUITOES AND SMALL FLYING INSECTS.

INDOOR - OUTDOOR PEST CONTROL

ALSO FOR USE IN HOMES, DAIRIES, AND FOOD PROCESSING PLANTS.

ACTIVE INGREDIENTS:

Malathion* . . . . .	57.0%
Aromatic Petroleum Derivative Solvent . . . . .	32.0%
INERT INGREDIENTS: . . . . .	11.0%
	100.0%

\*O,O-dimethyl dithiophosphate of diethyl mercaptosuccinate

KEEP OUT OF REACH OF CHILDREN

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C A U T I O N

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 exposure may cause cholinesterase inhibition. Atropine is antidotal. Aromatic solvent may present aspiration hazard. Gastric lavage indicated if product was swallowed.

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

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EPA EST. NO. 5481-CA-1

NET CONTENTS   1   GALLON

AMVAC CHEMICAL CORPORATION  
4100 EAST WASHINGTON BLVD.  
LOS ANGELES CA 90023

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid breathing spray mist or vapors. Avoid contact with skin. Wash thoroughly after handling and before eating or smoking. Avoid contamination of feed and foodstuffs. Do not treat areas frequented by children and do not allow children in treated areas until the spray has dried. Do not apply this product in such a manner as to directly or through drift expose workers or other person. The area being treated must be vacated by unprotected persons. NOTE TO PHYSICIAN: Malathion upon repeated, prolonged and careless use may cause cholinesterase inhibition. Atropine is antidotal.

ENVIRONMENTAL HAZARDS

Do not contaminate water by cleaning of equipment or disposal of wastes. This product is toxic to fish, shrimp, crab, birds, and other wildlife. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Shrimp and crab may be killed at application rates on this label. Do not apply where these are important resources. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. This product is highly toxic to bees exposed to direct treatment or residues on weeds or crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

DIRECTIONS FOR USE

It is a 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 dispose 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 and local authorities.

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.

IMPORTANT - Do not use in edible product 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.

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Directions For Use ( Cont. )

**ORNAMENTALS, SHRUBS, SHADE TREES:** Aphs, spider mites, white fly, mealybugs, thrips, tarnished plant bugs, leafhoppers, oystershell scale, scurfy scale - Use 1½ pts. to 100 gals. water (1½ tsp. to 1 gal. water). Soft brown scale, Monterey Pine scale, black scale crawlers, juniper scale - (2% pts. to 100 gals. water). Pine needle scale - use 4 pts. to 100 gals. water (4 tsp. to 1 gal. water). Leaf Miner - 2 pts. to 100 gals. water (2 tsp. to 1 gal. water).

**HOUSEHOLD INSECTS**-Roaches, ants, spiders, silverfish, crickets, clovermites and earwigs, in and about homes, dairy and food processing plants, use ALCO MALATHION 5 SPRAY at the rate of 4 fluid ounces per gallon of water. Apply by means of a coarse spray or paint brush to baseboards, under sinks, drainboards, stoves, around window frames, and to other areas frequented by insects. Do not contaminate food or utensils. Repeat application as necessary.

**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.

**FOR CONTROL OF HOUSEFLIES**

For control of resistant or non-resistant houseflies around buildings which house domestic animals, around yards, homes and meat packing establishments. AS A BAIT SPRAY: Mix 2 gals. ALCO MALATHION 5 SPRAY with 2 gals. unsulfurized molasses or 20 lbs powdered sugar per 100 gals. water.

**FOR SEVERE FLY POPULATION** use 3 gals with 40 lbs. sugar per 100 gals. water. **FLOORS IN DAIRY BARNs**- 5 ozs. with 1 cup powdered sugar per 2 gals. water. As a spot treatment, this mixture can also be applied to windows, stanchions, support beams, doors, etc. **FLY MAGGOTS IN MANURE AND LOAFING SHEDS:** Use 2 gals. per 100 gals. water. Apply as a drench spray over the surface of manure or poultry droppings. Maintain sanitary conditions around barns, out-buildings and other areas to prevent fly breeding. **NOTE:** Do not use where milk is processed and stored. Do not apply on animals. Avoid contamination of feed and food products.

Do not apply to freshly whitewashed walls.

**MOSQUITOE LARVAE CONTROL IN STANDING WATER**

**MOSQUITO LARVAE**-Standing water: Use at 13 oz. (approximately 0.5 lb. actual malathion) per acre. Mix in sufficient water or oil to obtain even coverage when applied by air or ground equipment. Repeat as necessary. Avoid applying oil-based sprays to valuable ornamental plants as injury may occur.

**MOSQUITOES, FLIES, SMALL FLYING INSECTS OUT OF DOORS**

**MOSQUITOES, FLIES, SMALL FLYING INSECTS**-Outdoor use: Apply as 2% fog, aerosol, or space spray. Dilute ALCO MALATHION 5 SPRAY 1-28 in water, fuel oil or diesel oil. When using a kerosene type solvent as the carrier, dilute 1 part in 28 parts of mixture consisting of 4 parts kerosene type solvent and 1 part aromatic hydrocarbon type solvent. Repeat as necessary.

