



# 6840-655-9222

## INSECTICIDE MALATHION

### 57% EMULSIFIABLE CONCENTRATE

0-1-565A INT AM 1 CLASS 1  
1-GAL. A-1/68 MFD 1/68

**OCTAGON PROCESS INC.**  
EDGEWATER, NEW JERSEY  
DSA-400-68-C-3237/PC440  
LOT B-3289

**FOR MILITARY USE ONLY**  
**NOT FOR RESALE UNDER THIS LABEL**

ACTIVE INGREDIENTS	
MALATHION*	57%
AROMATIC PETROLEUM SOLVENT	30%
INERT INGREDIENTS (EMULSIFIER)	13%

\*O,O-dimethyl phosphorodithioate of diethyl mercaptosuccinate.  
(5 Pounds MALATHION Per Gallon)

### CAUTION

**KEEP OUT OF REACH OF CHILDREN**

- HARMFUL IF SWALLOWED.
- AVOID PROLONGED BREATHING OF SPRAY MIST.
- AVOID CONTAMINATION OF THE EYES.
- AVOID PROLONGED OR REPEATED CONTACT WITH SKIN.
- AVOID CONTAMINATION OF FOODSTUFFS, COOKING UTENSILS, DISHES AND WORKING SURFACES USED IN PREPARING FOOD.
- WASH THOROUGHLY AFTER HANDLING.

**NOTE TO PHYSICIANS:** MALATHION MAY CAUSE CHOLINESTERASE INHIBITION.  
ATROPINE IS ANTIDOTAL.

### DIRECTIONS FOR USE

For the protection of stored grains, apply Malathion (M) as follows:  
**RESIDUAL SPRAY—BEFORE STORING GRAINS:** In storage area, before applying spray, clean thoroughly. Remove and burn all sweepings and debris. Then apply 1 gallon of M per 25 gallons of water making thorough applications.

**GRAINS GOING INTO STORAGE:** Apply 1 pint of M in 2-5 gallons of water per 1,000 bushels. Apply as the grain is being loaded or turned into final storage.

**AFTER GRAINS are STORED:** To protect stored grain: apply M to the surface of clean or uninfested grain at the rate of ½ pint in 1-2 gallons of water per 1,000 square feet of grain surface area. Apply the spray evenly over the surface of the grain. Apply immediately after grain is loaded into storage and repeat if necessary.

**RESIDUAL SPRAY—BOX CARS FOR LOADING AND TRANSPORTATION OF BAGGED AND PACKED CEREALS:** For the control of insects infesting empty box cars apply M as follows:

1. Clean the box car thoroughly, then remove and burn all sweepings and debris.
2. Spray walls and floor to the point of run-off with either 1 gallon M in 25 gallons of water, or 1 gallon of M in 19 gallons of deodorized kerosene.
3. Let the spray car stand empty until the spray has thoroughly dried.
4. Line the walls and floor of the box car with kraft paper before loading.

**FIELD AND GARDEN SEEDS:** Field and garden seeds can be protected against grain pests with ½ pint of M in 1-2 ½ gallons of water per 500 bushels. Malathion may be used under the requirements of the Khapra beetle quarantine, where water or diesel oil emulsions are indicated, as prescribed by the current quarantine instructions.

**FLY CONTROL:** For use in and around buildings which house domestic animals, around yards, around homes and around meat-producing plants.

#### STRAIGHT M SPRAYS

#### BAIT SPRAYS (WITH SUGAR) ADD

Amount Spray	Amount M	Sugar Or	Molasses or Corn Syrup
1 gallon	5 tablespoonsfuls	7 tablespoonsfuls	
2½ gallons	1 cup	1 cup	1 cup
12 gallons	1 quart	2½ pounds	1 quart

Apply as a spray at the rate of 1 gallon per 1,000 square-feet on painted surfaces and 2 gallons per 1,000 square-feet on unpainted surfaces. For control of fly maggots apply as a bait spray over the surface to be covered. In sheds spray the dry bedding within 18 inches of the walls and around upright braces. For control in and around barns, fly breeding sites should be eliminated before application. Repeat applications as necessary. Avoid contamination of milk, milk equipment and water. Avoid contamination of feed and food products, also drinking fountains and feed troughs. Remove lactating dairy animals from buildings before treating. Remove animals under 1 month of age before treating.

**MOSQUITO CONTROL:** Mosquito larvae in standing water; Apply M at the rate of 13 fluid ounces (approximately ½ pound) per acre. Mix in sufficient water or oil when applied by air or ground equipment.

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**Outdoors: For Mosquitos, Flies, Small Flying Insects:** As a spray dilute M in the ration of 1 to 28 parts of water, fuel oil or diesel oil.

This product is toxic to fish. At these application rates, fish will be killed. Keep out of waters where fish are an important resource. Apply only as specified on label. Avoid applying oil-based formulation to valuable ornamental plants as injury may occur.

**HOUSEHOLD INSECTS:** In and about homes, dairy and food processing plants. Dilute M at the rate of 3 tablespoonfuls in 1 quart of water. Apply as a coarse spray or paint with brush to areas frequented by pests.

**BEDBUGS:** Dilute M at the rate of 2-4 tablespoonfuls per 1 gallon of deodorized kerosene. Apply lightly to all mattress surfaces in sufficient quantity to ("mist") the fabric and generously to beds and wood-work with special care taken to wet all possible hiding places. Avoid contamination of food, food-stuffs, utensils, milk equipment and water. Repeat applications as necessary.

**FLEAS ON DOGS AND CATS:** Direct application—Apply spray of 1 ounce of M per 1 gallon of water. Wet the animals thoroughly using a hand sprayer. Repeat treatments may be used within 2 to 3 weeks. **Animal's quarters—**For control of fleas in kennels, pens, yards, lawns, and under houses. Dilute 5 ounces of M in 1 gallon of water and apply at the rate of 1 gallon per 1,000 square feet. Use garden sprayer. Remove manure or debris before spraying. Repeat treatment within 3 to 4 weeks if necessary.

## LIVESTOCK

Do not treat animals under 1 month of age. When applying sprays, avoid contamination of feed, food containers and watering troughs. Do not apply to lactating or non-lactating dairy animals within 2 weeks of freshening.

	Pest	Amount Malathion Premium Grade 57% Emulsifiable Liquid	Remarks
Beef Cattle—also non-lactating dairy animals and horses	Lice	6½ oz. in 5 gallons water	Repeat application in 10 days and thereafter as needed
	Ticks	6½-13 oz. in 5 gallons water	Repeat application at 2 week intervals as needed
	Hornflies	6½-10 oz. in 5 gallons water	Repeat Application at 2 week intervals as needed
Hogs	Lice		Apply a complete coverage spray to animals, pens and litter. Repeat in 10 days and thereafter as needed.
	Sarcoptic Mange	6½ oz. in 5 gallons water	Sprayed hogs should be kept out of sun and wind for a few hours after treatment
Sheep and Goats	Lice Ticks Keds	6½ oz. in 5 gallons water	Spray animals thoroughly. Repeat application after 2 or 3 weeks if needed. Do not apply to milk goats.

U.S. DEPT. OF AGRICULTURE