

**CAUTION**

Harmful if swallowed. Avoid prolonged breathing of dust or spray mist. Avoid prolonged or repeated contact with skin; wash thoroughly after using. Avoid contamination of feed and foodstuffs. Keep out of reach of children.

**ANIMALS**

BEEF CATTLE: LICE — 1/4 gallons to 100 gallons of water or 8 oz. per 5 gallons of water.

TICKS — 1 - 2 gallons per 100 gallons of water or 8 - 16 oz. per 5 gallons of water.

HORN FLY — 1 - 1/2 gallons to 100 gallons of water or 8 - 16 oz. per 5 gallons.

Apply complete coverage spray. One treatment may be sufficient. Repeat application only as needed at 2 week intervals.

DAIRY CATTLE (Non-Lactatin) use 1 - 1/2 gallons per 100 gallons of water for dip or spray. DO NOT spray during lactation or within two weeks of freshening. DO NOT apply to calves under one month of age. DO NOT apply to lactating dairy cattle.

SWINE: LICE — 1/4 gallon to 100 gallons of water or 8 oz. per 5 gallons of water. Apply as a complete spray to animals, pens and litter. One treatment may be sufficient. Repeat application only as needed.

**POULTRY**

CHICKENS, DUCKS, GEESE, TURKEYS — For Northern Fowl Mite, Poultry Lice, Chicken Red Mite use at the rate of 2 1/2 tbs. per 1 gallon of water per 100 - 150 birds as direct application. Repeat application in 4 - 8 weeks or when necessary.

As a Roost Paint for control of poultry lice use 5 tbs. per gallon of water at rate of 1 pint per 150 ft. of roost. Repeat as needed.

As a premise treatment for control of poultry lice use 5 tbs. per 1 gallon of water. Apply liberally to all surfaces. Repeat as needed.

**DOGS & CATS  
DIRECT APPLICATION  
Sprays**

For control of fleas apply spray of 1 1/2 oz. of Malathion 50% Emulsifiable Liquid per 1 gal. of water. Wet the animal thoroughly using a hand sprayer.

If the animal has free run, treatments may have to be made every second or third week. To avoid unnecessary applications, animals should be closely examined for fleas before retreating. If the animal is confined to an area free of fleas, one treatment may be sufficient.

**ANIMAL QUARTERS  
Sprays**

For control of fleas in kennels, pens, yards, lawns and under houses. Remove manure or debris.

Use spray of 8 ozs. of 50% Emulsifiable Liquid per 1 gal. of water at rate of 1 gal. per 1000 sq. ft. Use garden sprayer.

**ORNAMENTALS**

For Oyster Shell Scale and Lace Bugs, use 1 1/4 pints. For Spider Mites, Aphids, White Flies, Mealybugs, Thrips, Japanese Beetle, European Pine Shoot Moth, Four-Lined Plant Bug, Tarnished Plant Bug, Rose Leafhopper, Potato Leafhopper, Scurfy Scale and Euonymus Scale use 1/4 pints. For Bagworm, Tent Caterpillar, Boxwood Leaf Miner, Birch Leaf Miner, Oak Kermes, Florida Red Scale, Fletcher Scale, Juniper, Azalea and Magnolia Scales, use 2 1/2 pints. For Black Scale Crawler, Soft Brown and Moterey Scales, use 3 pints.

Apply thorough full coverage sprays as needed. Note: DO NOT apply to petunias, certain ferns (including Boston, Maidenhair, Pteris), and some species of Crassula, since plant injury may occur.

All above rates per 100 gallons of water

**NET CONTENTS:**

**MALATHION 50%**

An Emulsifiable Concentrate containing  
4.33 lbs of Actual Malathion per Gallon

ACTIVE INGREDIENTS:	BY WEIGHT
Malathion (0,0-Dimethyl Dithiophosphate of diethyl mercaptosuccinate) .....	5
Aromatic petroleum derivatives solvent .....	4
INERT INGREDIENTS: .....	
TOTAL .....	10

**CAUTION: KEEP OUT OF REACH OF CHILDREN**  
SEE SIDE PANEL FOR OTHER CAUTIONS.

**ACCEPTED**

**OCT 27 1967**

UNDER THE FEDERAL INSECTICIDE  
FUNGICIDE AND RODENTICIDE ACT  
FOR ECONOMIC POISONING REGISTERED  
UNDER NO. 9857-6 SUBJECT  
TO ATTACHED COMMENTS.

**NOTICE**

Seller's guaranty shall be limited to the terms of the label and subject thereto. The buyer assumes any risk of damage to persons or property arising out of use or handling, and accepts the product on these conditions.

**HOUSEHOLD INSECTS**

For control of ants, clover mites, crickets, earwigs, pantry pests\*, roaches, scorpions, silverfish and spiders in and about home, dairy and food-processing plants, use Malathion 50% Emulsifiable Liquid at the rate of **8 fluid ounces per gallon** of water. Apply by means of a coarse spray or paint brush to window sills, baseboards, under sinks, drainboards, stoves, cracks and crevices and to other areas frequented by insects.

For control of bedbugs in dwellings use Malathion 50% Emulsifiable Liquid at a rate of **1 to 2 fluid ounces per gallon** of deodorized kerosene. Apply lightly to all mattress surfaces in sufficient quantity to "mist" the fabric and generously to beds and woodwork with special care taken to wet all possible hiding places. Avoid contamination of food, utensils, milk, milk equipment and water.

Repeat applications as necessary.

\*Pantry pests such as the exposed stages of: saw-toothed grain beetle, flour beetle, rice weevil, cigarette beetle, drug store beetle and Indian meal moth.

**~~MOSQUITOES AND SMALL FLYING INSECTS~~  
OUTDOORS**

Use 2% - 5% Malathion fog, aerosols or mist sprays. As a spray dilute 50% Emulsifiable Liquid **1 to 24 parts** of water, fuel oil or diesel oil. When using kerosene type solvent as carrier, dilute **1 part** of 50% Emulsifiable Liquid in **28 parts** of a mixture consisting of **4 parts** kerosene type solvent and **1 part** aromatic hydrocarbon type solvent. For 5% dilute **1 - 10** using similar solvents. Repeat applications as necessary.

Avoid applying oil-based formulations to valuable ornamentals plants as injury may occur.

The fog spray should be directed around areas having puddles, stagnant water, or accumulated debris, and should not be used too close to dwellings, or vehicles where residues could be undesirable.

Treatment of shallow fish bearing waters at recommended application rates will kill fish.

**Mosquito larvae in standing water**

Apply 50% Malathion Emulsifiable Liquid at rate of **15 fluid ounces** (approximately  $\frac{1}{2}$  pound actual Malathion) per acre. Mix in sufficient water or oil to obtain even coverage when applied by air or ground equipment.

**INDOORS**

Use a 2% Malathion liquid space and contact spray or a  $2\frac{1}{2}$  Malathion low pressure spray bomb. A knockdown agent of a type commonly used in space sprays should be added to the spray. Rooms should be thoroughly misted to envelop insects present and should be kept closed for **5 to 10 minutes**. Sweep up and destroy fallen insects. Repeat applications as necessary. **DO NOT** contaminate food, dishes or utensils. **DO NOT** apply oil-based sprays directly to flowers or other ornamental plants in the home.

# MALATHION 50%

**An Emulsifiable Concentrate containing  
4.33 lbs of Actual Malathion per Gallon**

INGREDIENTS:	BY WEIGHT
Malathion (O,O-Dimethyl Dithiophosphate of diethyl mercaptosuccinate) -----	50.0%
Aromatic petroleum derivatives solvent -----	40.6%
INGREDIENTS: -----	9.4%
<b>TOTAL</b> -----	<b>100.0%</b>

**CAUTION: KEEP OUT OF REACH OF CHILDREN.**  
SEE SIDE PANEL FOR OTHER CAUTIONS.

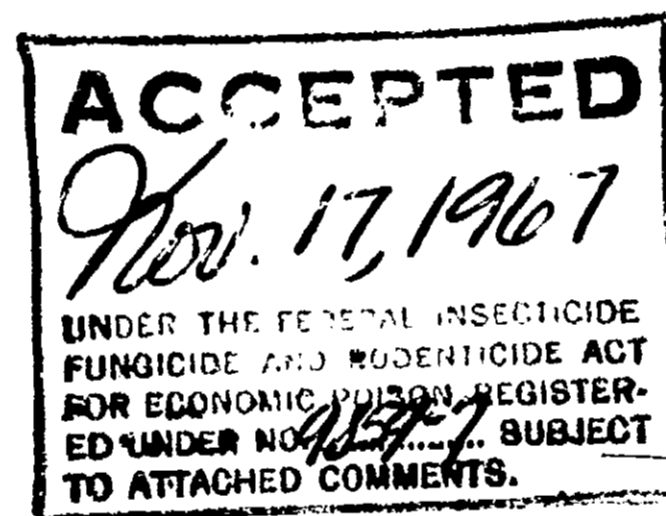
**WARNING**

This solution if brought into repeated or prolonged contact with the skin can cause toxic symptoms. Avoid inhalation and skin contact. In case of spillage on the skin wash with soap and water. Avoid contamination of feed and foodstuffs. Do not store near fire or open flame.

Malathion, upon repeated, prolonged careless use, may cause cholinesterase inhibition. Atropine is antidotal.

Harmful if swallowed. Keep out of reach of children.

**NET CONTENTS:**



# MALATHION SOLUTION 90

ACTIVE INGREDIENTS:

MALATHION (O, O-dimethyl dithiophosphate of diethyl mercaptosuccinate) .....	90.00%
INERT INGREDIENTS: .....	10.00%
TOTAL .....	100.00%

**WARNING: KEEP OUT OF REACH OF CHILDREN.**  
SEE SIDE PANELS FOR OTHER WARNINGS.