

# CAUTION KEEP OUT OF REACH OF CHILDREN

## HARMFUL IF SWALLOWED OR ABSORBED THROUGH SKIN!

Avoid breathing spray mist. Avoid contact with skin, eyes and clothing. Keep out of the reach of children and domestic animals. Wash thoroughly with soap and water after using. MALATHION may cause cholinesterase inhibition. If accidental poisoning occurs, get prompt medical aid. Atropine is antidotal.

Do not use, pour, spill or store near heat or open flame. Protect from temperatures below 40 degrees F.

## OBSERVE THE FOLLOWING USE PRECAUTIONS

Observe use limitations given on the label for specific crops.

Do not use this product on feed or forage to be fed to dairy animals or to livestock being finished for slaughter.

Apply in early morning or evening when there is little or no wind.

The Federal Food and Drug Administration has set official tolerances for certain pesticide residues. In order that residues on food and forage crops will not exceed established tolerances, use only at recommended rates, and do not apply closer to harvest than specified.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

Do not reuse empty container. Destroy it by perforating or crushing and burying in a safe place away from water supplies.

## ENVIRONMENTAL CAUTIONS

This product is toxic to fish, shrimp, crab and other wildlife. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes, and apply this product only as specified on this label.

## DIRECTIONS FOR USE

Pour recommended amount of this material into nearly filled spray tank. Add balance of water to fill tank. Keep agitator running during filling, mixing, and spraying operations. Do not allow mixture to stand. If mixture does not mix readily, but tends to separate as an oily layer, do not use as injury to plants may result. Do not combine emulsifiable liquids with wettable powders in the same spray tank unless previous use of the materials being combined has proved them to be physically compatible.

Thorough, full-coverage applications should be made. Two or more applications may be needed for effective control. Repeat as necessary.

Consult local agricultural authorities for additional information, as the timing, number, and rate of applications needed will vary with local conditions.

## ACTIVE INGREDIENTS:

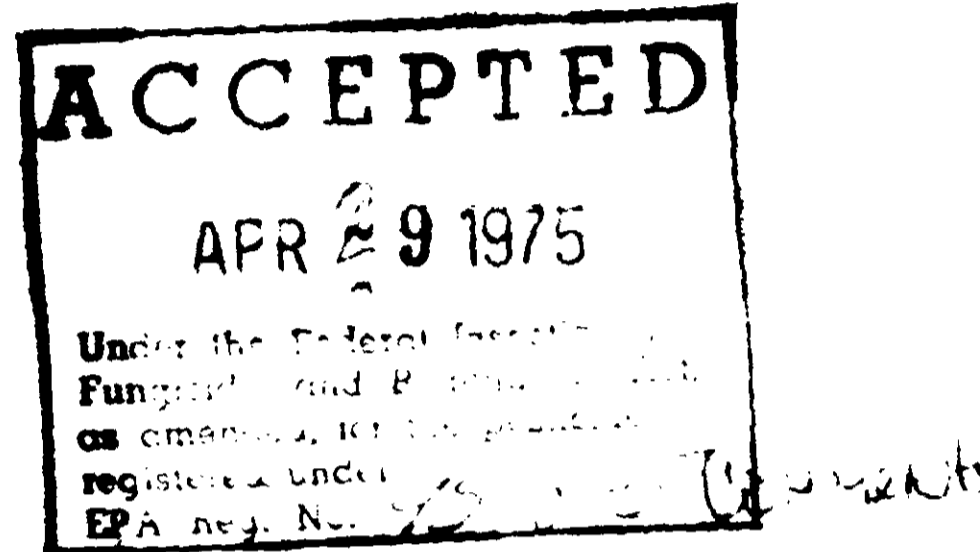
|  |              |
|--|--------------|
| Malathion (O, O-dimethyl dithiophosphate of diethyl mercaptosuccinate) ..... | 56.5%        |
| Xylene-Range Aromatic Hydrocarbon Solvent .....                              | 35.0%        |
| INERT INGREDIENTS .....  | 8.5%         |
|  | <hr/> 100.0% |

AN EMULSIFIABLE LIQUID FOR USE IN WATER  
AS AN INSECTICIDAL SPRAY



# MALATHION 5-E

**Emulsifiable Liquid**  
**(Contains 5 lb. Malathion per gallon)**



## AN AGRICULTURAL INSECTICIDE EPA Reg. No. 9518-5

### ACTIVE INGREDIENTS:

|  |       |
|--|-------|
| Malathion (O, O-dimethyl dithiophosphate of diethyl mercaptosuccinate) . . . . . | 56.5% |
| Xylene-Range Aromatic Hydrocarbon Solvent . . . . .                              | 35.0% |
| INERT INGREDIENTS . . . . .  | 8.5%  |

100.0%

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Do not use, pour, spill or store near heat or open flame. Protect from temperatures below 40 degrees F.

### OBSERVE THE FOLLOWING USE PRECAUTIONS

Observe use limitations given on the label for specific crops.

Do not use this product on feed or forage to be fed to dairy animals or to livestock being finished for slaughter.

Apply in early morning or evening when there is little or no wind.

The Federal Food and Drug Administration has set official tolerances for certain pesticide residues. In order that residues on food and forage crops will not exceed established tolerances, use only at recommended rates, and do not apply closer to harvest than specified.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

Do not reuse empty container. Destroy it by perforating or crushing and burying in a safe place away from water supplies.

### ENVIRONMENTAL CAUTIONS

This product is toxic to fish, shrimp, crab and other wildlife. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes, and apply this product only as specified on this label.

### DIRECTIONS FOR USE

Pour recommended amount of this material into nearly filled spray tank. Add balance of water to fill tank. Keep agitator running during filling, mixing, and spraying operations. Do not allow mixture to stand. If mixture does not mix readily, but tends to separate as an oily layer, do not use as directed. If plants may result. Do not combine emulsifiable liquids with wettable powders in the same spray tank unless previous use of the materials being combined has proved them to be physically compatible.

Thorough, full-coverage applications should be made. Two or more applications may be needed for effective control. Repeat as necessary.

Consult local agricultural authorities for additional information, as the timing, number, and rate of applications needed will vary with local conditions.

# CAUTION REACH OF CHILDREN

## DO NOT GET ON OR ABSORBED THROUGH SKIN!

Avoid contact with skin, eyes and clothing. Keep out of reach of domestic animals. Wash thoroughly with soap and water. Malathion may cause cholinesterase inhibition. If symptoms occur, seek prompt medical aid. Atropine is antidotal for Malathion poisoning. Do not use near open flame. Protect from temperature extremes.

## LOWING USE PRECAUTIONS

Read the label for specific crops and application rates. Do not use on crops or forage to be fed to dairy animals or to other animals.

Do not use when there is little or no wind.

The Federal Government has set official tolerances for certain Malathion residues on food and forage crops. To avoid residues in excess of these tolerances, use only at recommended rates, and do not use on crops not specified.

Do not use on crops exposed to direct treatment or residues of Malathion. Malathion may be obtained from your Cooperative Extension Office.

Destroy it by perforating or crushing and burying in soil or supplies.

## ENVIRONMENTAL CAUTIONS

Malathion is toxic to fish, crab and other wildlife. Keep out of lakes, streams, ponds and estuaries. Do not apply where runoff is likely to occur. In weather conditions favor drift from areas of application. Clean by cleaning of equipment, or disposal of Malathion as specified on this label.

## APPLICATIONS FOR USE

Fill the spray material into nearly filled spray tank. Add Malathion to agitator running during filling, mixing, and spraying. Allow mixture to stand. If mixture does not mix thoroughly, add an oily layer, do not use as injury to plants. Do not combine Malathion with incompatible liquids with wettable powders in the tank. Do not use of the materials being combined has been determined to be compatible.

Repeat applications should be made. Two or more applications may be necessary for control. Repeat as necessary.

For more information, as the timing and frequency of use needed will vary with local conditions.

## RECOMMENDATIONS

**APPLES:** Woolly Apple Aphid, Bud Moth — Use 1 pt. per 100 gal. Green Apple Aphid, Rosy Apple Aphid — Use 1½ pt. per 100 gal. Mealybug — Use 1-2 pt. per 100 gal.

European Red Mite, Clover Mite, Willamette Mite, Two-spotted Mite — Use 1-2 pt. per 100 gal.

Codling Moth, Plum Curculio, Red-banded Leaf Roller — Use 2 pt. per 100 gal. Forbes Scale — Use 1 pt. per 100 gal.

Maximum allowable dosage is 1½ gal./acre.

Apply at petal fall and every 10 to 14 days thereafter until control is achieved. Do not use on apples within 3 days of harvest.

**FLORIDA CITRUS:** For control of Aphids, Mediterranean Fruit Fly, Grasshoppers, Black Scale, Brown Soft Scale, Chaff Scale, Citrus Snow Scale, Glover (long) Scale, Mealybug, Purple Scale and Yellow Scale use 5 pints per 500 gallons of spray.

Apply at dormant, post bloom and/or summer spray periods when control measures are needed. Do not apply within 7 days of harvest.

**STRAWBERRIES:** Aphids, Spider Mites — Use 1½ pt. per 100 gal. Maximum allowable dosage is 3-1/5 pt./acre.

Do not use within 3 days of harvest.

**BEANS:** Mexican Bean Beetle. Use 1½ pt. per 100 gal. Spider Mites — Use 1-1½ pt. per 100 gal. Maximum allowable dosage is 2-4/5 pt./acre.

Do not use within 3 days of harvest.

**CABBAGE, CAULIFLOWER, KALE, MUSTARD, TURNIP:** Aphids, Imported Cabbage Worm — Use 1-2 pt. per 100 gal. Maximum allowable dosage is 4 pt./acre. Do not use within 7 days of harvest.

**CELERY:** Aphids, Spider Mites — Use 1½ pt. per 100 gal. Maximum allowable dosage is 2-2/5 pt. per acre. Do not use within 7 days of harvest.

**CUCUMBERS, SQUASH, MELONS:** Aphids, Spider Mites — Use 1½ pt. per 100 gal. Maximum allowable dosage is 2-4/5 pt./acre. Do not use within 3 days of harvest. Do not apply Malathion to cucurbits unless plants are dry.

**EGGPLANT:** Aphids, Spider Mites, Lace Bug — Use 3 pt. per 100 gal. for Lace Bug. Use 1 pt. per 100 gal. for Aphids and Spider Mites. Maximum allowable dosage is 2-4/5 pt./acre. Do not use within 3 days of harvest.

**LETTUCE:** Aphids, Leafhoppers — Use 2 pt. per 100 gal. Maximum allowable dosage is 3-1/5 pt./acre. Do not use within 7 days of harvest on head lettuce and 14 days on leaf lettuce.

**PEAS:** Pea Aphid — 1½ pt. per 100 gal. Maximum allowable dosage is 2 pt./acre. Do not use within 3 days of harvest.

**PEPPERS:** Aphids — Use 1½ pt. per 100 gal. Maximum allowable dosage is 2 pt./acre. Do not use within 3 days of harvest.

**POTATOES:** Aphids — Use 1½ pt. per 100 gal. Maximum allowable dosage is 1 pt./acre. Do not use within 3 days of harvest.

**SPINACH:** Aphids — Use 1½ pt. per 100 gal. Maximum allowable dosage is 2-2/5 pt./acre. Do not use within 3 days of harvest.

**TOMATOES:** Spider Mites, Aphids — Use 1½ pt. per 100 gal. for Spider Mites. Use 1 pt. per 100 gal. for Aphids. Maximum allowable dosage is 3-1/5 pt./acre. Do not use within 3 days of harvest.

**TOBACCO:** Aphids — Use 1-1½ pt. per 100 gal. Do not use within 7 days of harvest.

## ORNAMENTALS

Thorough, full-coverage applications should be made and repeated as necessary.

|  | Rate Per 100 Gals. |
|--|--------------------|
| Oyster Shell Scale, Lace Bug                                       | 1 pt.              |
| Euonymus Scale   | 1 to 1½ pt.        |
| Aphids, Mealybugs, Spider Mites, Whitefly                          | 1½ pt.             |
| Four-Lined Leaf Bug, Japanese Beetle (adult), Potato Leafhopper    | 1½ pt.             |
| Tarnished Plant Bug, Thrips, Rose Leafhopper                       | 1½ pt.             |
| European Pine Shoot Moth, Scurfy Scale                             | 1½ pt.             |
| Birch Leafminer, Boxwood Leafminer, Bagworms                       | 2 pt.              |
| Tent Caterpillar, Azalea Scale, Pine Leaf Scale, Magnolia Scale    | 2 pt.              |
| Fletcher Scale (Apply when scale crawlers have settled on foliage) | 2 pt.              |
| Juniper Scale (Apply when scale crawlers have settled on foliage)  | 2 pt.              |
| Florida Red-Scale  | 2 pt.              |

**CAUTION:** Avoid use on certain ferns including Boston, Maidenhair, and Pteris, as well as on some species of Crassula.

## NOTICE

Read the label carefully — Use only as directed.

Use of this material other than in accordance with directions on this label may produce plant injury, excessive residues, or other undesirable results. Tower Chemical Company makes no express or implied warranties other than specified on this label.

## TOWER CHEMICAL COMPANY

Montverde Road and S.C.L. Railroad  
Clermont, Florida

EPA EST. NO. 9518-FL-1

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