

Reg #

45385-75

PM-14

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# CENOL 50% MALATHION

PREMIUM GRADE - EMULSIFIABLE CONCENTRATE

**FOR GARDEN - HOME - FARM**

**ACTIVE INGREDIENTS:**

Malathion (O,O-dimethyl phosphorodithioate of diethyl mercaptosuccinate).....50.00%

\*\*INERT INGREDIENT.....50.00%

\*\*contains aromatic petroleum distillate - 44.0%  
\*Trademark of American Cyanamid

**KEEP OUT OF REACH OF CHILD'**  
**CAUTION**

## PRECAUTIONARY STATEMENTS

*HAZARDS TO HUMANS AND DOMESTIC ANIMALS*

**CAUTION:** Harmful if swallowed. Avoid contact with skin. Avoid breathing spray mist. Wash skin thoroughly after handling. Avoid contamination of feed and foodstuff.

### *STATEMENT OF PRACTICAL TREATMENT*

If swallowed: Call a Physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person. If inhaled - Remove victim to fresh air. Apply artificial respiration if indicated. If on skin - Remove contaminated clothing and wash affected areas with soap and water. If in eyes - Flush eyes with plenty of water. Call physician immediately.

Note to Physician: Malathion, upon repeated, prolonged, careless use, may cause cholinesterase inhibition. Atropine is antidotal.

### *ENVIRONMENTAL HAZARDS*

This product is toxic to fish, birds, and other wildlife. Do not apply directly to water or wetlands (i.e., swamps, bogs, marshes, and potholes). Drift and runoff may be hazardous to aquatic organisms in area near the application site. Do not contaminate water when disposing of equipment wash waters. 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 areas. Indoors: Use only with adequate ventilation. After using this product, ventilate thoroughly before occupying enclosed spaces. Do not allow contact with treated surface until sprays have dried.

### *PHYSICAL AND CHEMICAL HAZARDS*

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

EPA Reg. No. 45385-75

EPA Est. No. 45385-IL-01

Manufactured by:  
**CHEM-TOX, INC.**  
Barrington, IL. 60010

**Net Contents: \_\_\_\_\_**

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## DIRECTIONS FOR USE

It is a violation of the 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. Open dumping is prohibited. Store in original container and place it in a cool, dry, locked or secured storage area.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Wastes resulting from the use of this product may be disposed of on site at an approved waste disposal facility. **CONTAINER DISPOSAL:** 1. Household (All) - Do not reuse empty container (bottle, can bucket). Wrap container and put in trash. 2. Metal (All Sizes) - Triple rinse (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state or local authorities. 3. Plastic (All) - Triple rinse (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in sanitary landfill, or incinerate, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

### APPLICATION:

**HOUSEHOLD INSECTS:** For ANTS, CENTIPEDES, CLOVER MITE, COCKROACHES, CRICKETS, EARWIGS, FLEAS, FLIES, MOSQUITOES, MOTHS, SCORPIONS, SILVERFISH, SPIDERS: Dilute 3 tbs. per quart (1 quart per 5 gal.) of water. Apply as a coarse spray or with paint brush to window sills, screens, cracks, and crevices, around doors, baseboards, storage areas, bookcases, under sinks, and other areas frequented by or where pests are noticed. **FLIES & MOSQUITOES:** Use at a rate of 2 quarts /25 gal. (1 pint to 6 gal. of water). For best results add 1 pound of sugar to each gal. of finished spray. Use a wetting spray to the point of run-off. Use around buildings, stockyards, dairy barns, poultry houses, garbage cans, and manure piles. Repeat as necessary.

**BEEF CATTLE:** (No preslaughter interval through 1.27% spray for animal treatment). For **HORN FLY** dilute 1-1 1/2 gal. per 100 gal. of water (6 1/2-10 oz per 5 gal.) Apply as a complete coverage spray and repeat at 2 week intervals if needed. **LICE:** dilute 1 gal. per 100 gals. of water (6 1/2 oz per 5 gal.) Apply as a complete coverage spray. One treatment may suffice. Repeat only if needed. **TICKS:** use 1-2 gal. per 100 gal. of water. (6 1/2-13 oz per 5 gal.) Apply a complete coverage spray and repeat at 2 week intervals if needed.

**POULTRY:** No preslaughter interval through 1 to 1.5 gal. of 0.6% finished spray per 100 birds for animal treatment. For **CHICKEN RED MITE, CHEWING LICE, NORTHERN FOWL MITE:** Dilute 2 tbs. per gal. per 100 to 150 birds. Spray birds directly. Repeat in 4 to 6 weeks or when necessary. Treatment is supplemental to premise treatment.

**POULTRY HOUSES:** For **CHEWING LICE, CHICKEN RED MITE, NORTHERN FOWL MITE, FLIES:** dilute 4 tbs. per gal. and apply liberally to litter, walls, ceiling, roost nests, and adjacent areas. Apply with a high pressure sprayer. Force spray into cracks and crevices. The soluble concentrate/liquid is diluted in kerosene or other distillates.

**DOGS, CATS:** For **FLEAS, ITCH MITE FAMILY, LICE, TICKS** (including **BROWN DOG TICK**): Do not treat puppies or kittens under 4 weeks of age. Dilute 1 oz (2 tbs.) in 1 gal. of water and use a hand sprayer, wet the animal thoroughly. If necessary, repeat treatment in 7 days. If animals run freely treatment may be required every 14 to 21 days. **ANIMAL QUARTERS:** (kennels, pens, yards, lawns and under houses). Dilute 5 oz (10 tbs.) in 1 gal. to 25 gals.) Apply to pet quarters. Spray bedding cracks, crevices and flooring thoroughly as often as needed.

### OUTDOOR APPLICATION

| PLANT:   | PESTS:   | DILUTION RATE:                           | INTERVAL DAYS:                               |
|--|--|--|--|
| Ornamental/<br>Flowering &<br>Wood Plants:                                 | Do not allow spray to contact ferns, hickory, lantana, crassula or canaetri juniper as injury may result to plants. Do not apply to elms under conditions of drought, heat or disease.<br><b>APHIDS, SCALE INSECTS, LEAF MINERS, BAG WORMS, SPIDER MITES</b> on firs, yews, spruce, arbovitae, box wood and others.<br>Flowers: <b>APHIDS, PLANT BUGS, LEAF HOPPERS, SCALE INSECTS, WHITE FLIES</b> , on iris, asters, roses, phiox and gladiolas. | 1 1/2 pts./100 gal<br>or<br>2 tsp/3 qts. |  |
| <b>FRUIT CROPS:</b><br>Apples, Cherry,<br>Pear, Plum,<br>Apricots,         | <b>SCALE INSECTS, BUD MOTH, SPIDER MITES, WOOLLY APHIDS, MEALYBUGS, LEAF ROLLERS,</b><br>Delayed dormant and foliar application.<br>For scale and peach twig borer, make full coverage application at completion of hatching, approx. the last of June. For oriental fruit moth and plum curculio, apply at petal fall and repeat at 10 to 14 day interval.  | 1-2 pts/100 gal<br>or<br>2 tbs/3 qts.    | 3 days<br>apricots:<br>7 days                |
| <b>VEGETABLES</b><br>Cabbage, Head<br>Lettuce, Celery,<br>Tomatoes, Beans, | <b>APHIDS, SPIDER MITES, CABBAGE LOOPERS, LEAF HOPPERS,</b><br>Foliar application. For six-spotted leafhopper, apply when plants are about 0.5 inch high.  | 2 tsp/3 qts<br>2 pts/acre                | 7 days<br>leaf lettuce<br>14 days of harvest |

### TERMS OF SALE OR USE ON PURCHASE OF USE OF THIS PRODUCT:

Warranty: Manufacturer and seller warrants that this product, as of time of sale conforms to the ingredient statement on the label, and is reasonable fit for the purpose set forth in the Directions for Use. Except as so warranted the product is sold as is. Manufacturer makes no other warranty express if implied. **EXCUSE FROM NON-CONTROLLABLE CONDITIONS.** Because of certain critical conditions created or incurred by buyer or user over which manufacturer has no control, buyer and user as a condition of purchase or use, assume responsibility for and release manufacturer from liability arising out of handling or use of this product attributable to such causes. No person is authorized to vary or waive statement contained herein.  
Order Code: EC-516