

45385-65

7-6-1990

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**ACCEPTED**

JUL 06 1990

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 45385-65

# CHEM-TOX MALATHION 3

contains CYTHION\*\*

A ready to use MALATHION SPRAY for use in STORAGE and WAREHOUSES AREAS, for GENERAL PEST CONTROL and for MOSQUITO CONTROL WORK.

CONTROLS ACCESSIBLE STAGES OF LISTED FLYING, CRAWLING AND STORED PRODUCT INSECTS, ROACHES, ANTS, SPIDERS, SILVERFISH, CRICKETS, CLOVER MITES, FLIES and MOSQUITOES.

**ACTIVE INGREDIENTS:**

Malathion (O,O-Dimethyl dithiophosphate of diethyl mercaptosuccinate).....3.00%  
 \*INERT INGREDIENT:.....97.00%

\*contains petroleum distillate - 96.70%

\*\* Cythion - reg. T.M. of American Cyanamid Company

**CAUTION**  
**KEEP OUT OF REACH OF CHILDREN**

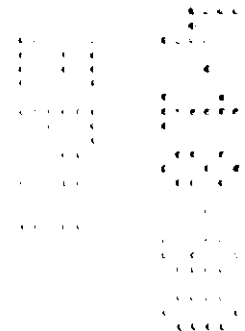
See side panel for additional precautionary statements

EPA Reg. No. 45385-65

EPA Est. No. 45385-IL-01

Manufactured by:  
 CHEM-TOX, INC.  
 21N 988 Pepper Rd.  
 Barrington, IL. 60010

**Net Contents:**



## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### CAUTION

Harmful if swallowed. Avoid breathing spray mist. Do not get in eyes, on skin or clothing. Wash skin thoroughly after handling. Avoid contamination of feed and foodstuff. Food should be removed or covered during treatment or thoroughly cleaned before using. 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 on household pets or humans. Remove pests and cover fish bowls before spraying. Do not smoke while spraying. **KEEP CHILDREN AND PETS AWAY FROM TREATED AREAS UNTIL SURFACES ARE DRY.** For indoor use: Use only with adequate ventilation. After using this product indoors, ventilate thoroughly before occupying enclosed spaces. Do not allow contact with treated surface until sprays have dried.

#### STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a Physician or Poison Control Center immediately. Do not induce vomiting because of possible aspiration hazard. 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, aquatic invertebrates, and aquatic life stages of amphibians. Do not apply directly to water or wetlands (i.e., swamps, bogs, marshes, an potholes). Drift and runoff maybe hazardous to aquatic organisms in area near the application site. Do not contaminate water when disposing of equipment washwaters.

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.

## 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.

#### DIRECTIONS FOR USE CONTINUED

**GENERAL PEST CONTROL WORK:** For the control of ROACHES, ANTS, SPIDERS, SILVERFISH, CRICKETS, CLOVER MITES, AND EARWIGS in and about homes, thoroughly treat door and window casings, baseboards, sinks, and all cracks and crevices and other areas frequented by insects. Treatment of grounds adjacent to buildings, foundations and lower side walls will aid in the control of ANTS, SPIDERS MITES and CRICKETS. Repeat as necessary.

**FOR FLY CONTROL IN AND AROUND FARM BUILDINGS AND DAIRY BARN:** Apply the spray at the rate of one (1) gallon per 1000 sq.ft on painted surfaces and two(2) gallons per 1000 sq.ft on unpainted surfaces where flies alight or congregate; walls, ceilings, stanchions, window sills, fences, etc. Use a large droplet spray that wets all surfaces to the point of run off. Repeat as necessary.

**MOSQUITO CONTROL: DIRECTIONS FOR THERMAL FOGGING AND MIST SPRAYING OILS:** For maximum effectiveness outdoor fogging should be carried out only under surface conditions which usually exist only from one hour after sunset, through the night, and until sunrise. During this time, providing the wind velocity is under 3-4 miles per hour, the fog will remain in the area and close to the ground the required time to be fully effective. Outdoor fogging, in windy (over 4 mph) weather will be ineffective as the tiny fog particle will be too widely disperse by the wind. Repeat as necessary. **AIRPLANE APPLICATION:** Apply insecticide at a rate of 2 1/2 gal. per acre. **MIST SPRAYING AND LARVICIDING:** Apply insecticide at a rate of 2 1/2 gal. per acre. Repeat as necessary. **THERMAL FOGGING:** Apply at a rate of 1 gal. per 2 acres.

**COMMERCIAL/ EATING ESTABLISHMENTS & FOOD PROCESSING PLANTS:**

**INDOOR CRACK & CREVICE TREATMENT - EDIBLE:**

For ANTS, CARPET BEEBLE, COCKROACHES, CRICKETS, SILVERFISH, SPIDERS, STORED PRODUCT INSECTS. Apply in small amounts into cracks and crevices. Use a pin stream of finished spray. Cracks and crevices include points such as expansion joints between different elements of construction or between equipment bases and the floor, wall voids, motor housing junction boxes or switch boxes, conduits or hollow equipment legs where the pests hide. Sprays may be mixed in a combination of 4 parts kerosene type solvent and 1 part aromatic hydrocarbon type solvent.

**INDOOR RESIDUAL SPRAY - INEDIBLE:**

For sprays apply as a coarse spray to baseboards areas, around water pipes, surfaces behind and beneath sinks, lockers, tables, pallets, and similar areas where insects hide or through which they may enter. Repeat as needed. Sprays may be mixed in a combination of 4 parts kerosene type solvent and 1 part aromatic hydrocarbon type solvent. For KHAPRA BEETLE, apply with sufficient pressure to interiors of empty warehouses.

**INDOOR FOG MIST TREATMENT - EDIBLE:**

For DROSOPHILA FLIES, FLIES, GNATS, MOSQUITOES, SKIPPER FLIES, STORED PRODUCT INSECTS. Cover all equipment and apply when plants are not in operation. Thoroughly clean before reuse. The building must be vacated before application begins. Close door and windows and shut of ventilating fans. Apply with conventional thermal, mechanical, or compressed air equipment to deliver a fine mist or fog. Force the fog or mist at an upward angle distributing it uniformly throught the entire area.

**INDOOR FOG MIST TREATMENT- INEDIBLE:**

For DROSOPHILA FLIES, FLIES, FURNITURE BEETLE, GNATS, HIDE BEETLE, LARDER BEETLE, MOSQUITOES, SKIPPERFLIES, STORED PRODUCT INSECTS. Cover all equipment and apply when plants are not in operation. Thoroughly clean before reuse. The building must be vacated before the application begins. Close doors and windows and shut off ventilating fans. Apply with conventional thermal, mechanical, or compressed air equipment adjusted to deliver a fine mist or fog. Force the fog or mist at an upward angle distributing it uniformly throughout the entire area.

**GENERAL OUTDOOR TREATMENT:** For BITING MIDGES (adults), FLIES (adults), GNATS (adults), MOSQUITOES (adults), MOTHS (adults): Apply as a fog, aerosol, or space spray. Average swath with is 300 to 400 feet. For MOSQUITOES, allow the finished spray to remain in the area for a minimum of 10 seconds. For FLIES, allow finished spray to remain in the area for a minimum of 40 to 50 seconds.

**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 fro,, 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.

