

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, an potholes). Drift and runoff maybe 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.

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.

CHEM-TOX MAL - 57% - E.C.

FOR STORED GRAIN AND OUTDOOR MOSQUITOE CONTROL

- CONTAINS CYTHION* Emulsifiable Liquid

FOR THE PROTECTION OF STORED ALMONDS, STORED GRAINS, BAGGED FLOUR, PACKAGED CEREAL AND SEEDS AGAINST INSECTS.

ACTIVE INGREDIENTS

Malathion (O,O-dimethyl phosphorodithioate of diethyl mercaptosuccinate) 57.00% *INERT INGREDIENT 43.00%

**contains aromatic petroleum distillate - 24.2% *Trademark of American Cyanamid

CAUTION

KEEP OUT OF REACH OF CHILDREN

See side panel for additional precautionary statements

EPA Reg. No. 45385-39

EPA File No. 45385-II-01

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

Net Contents:

Not Reviewed. Registrant claims to be in accordance with Registration of Pesticide Product Guidance for Phase 2 Reference, Page 2.12, Active to their Change in Status.

DIRECTIONS FOR USE CONTINUED

GENERAL: When applying this product wear mask or respirator of a type recommended by the U.S. Bureau of Mines to give adequate protection against this material. Wear protective clothing to minimize skin exposure.

OUTDOORS - MOSQUITOES - FLIES - BITING MIDGES - GNATS - MOTHS (all adults)

Dilute 1 to 28 parts with water, fuel or diesel oil (2% finished spray), or 1 to 15 parts with water, fuel or diesel oil (5% finished spray). Apply a 2% - 5% fog, aerosol or space spray. Average swath width 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 the finished spray to remain in the area for a minimum of 40 to 50 seconds. Repeat application as necessary. Avoid applying oil based spray to ornamental plants. Treat shrubbery and vegetation where mosquitoes may rest, shrubbery and vegetation around stagnant pools, marshy areas may also be treated.

STORED ALMONDS: To protect stored in-shell almonds from INDIAN MEAL MOTH and MERCHANT GRAIN BEETLE dilute 4 fl.oz. of concentrate in sufficient water to treat 10,000 lbs. of almonds as they go into storage. (0.156-0.26 lb/10,000 lb.) Use a suitable mechanical spray applicator that regulates the rate of application to the flow of the almonds. Avoid spraying with fine mist that drifts away. Shield nozzle against wind and air currents. STORED GRAINS: For the protection of stored wheat, oats, rice, corn, rye, barley, grain sorghum and field or garden seeds against CONFUSED FLOUR BEETLE, RICE WEEVIL, GRANARY WEEVIL, SAW-TOOTHED GRAIN BEETLE, FLAT GRAIN BEETLE, RED FLOUR BEETLE, RUSTY GRAIN BEETLE, LESSER GRAIN BORER, INDIAN MEAL MOTH and for control of CEREAL LEAF BEETLES, if they are present, apply Malathion 57% as follows: RESIDUAL SPRAY - BEFORE STORING: For a residual wall, floor and machinery spray in grain elevators, in treating truck beds, box cars and ships holds before loading grain, apply 1 gal of Malathion 57% per 25 gal. clean elevators, box cars, etc., thoroughly. Remove and burn all sweepings and debris. Wear mask or respirator of a type recommended by the U.S. Bureau of Mines to give adequate protection against this material. Wear protective clothing to minimize skin exposure. GRAINS GOING INTO STORAGE: Apply 1 pint of Malathion 57% in 2-5 gal. of water per 1000 bushels. Apply as the grain is being loaded or turned into final storage. AFTER GRAINS ARE STORED: To protect stored grains from attack by INDIAN MEAL MOTH, apply Malathion 57% to the surface of clean or unvested grain at the rate of 1/2 pint in 1-2 gal. of water per 1000 sq.ft. 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 LOADING AND TRANSPORTING BAGGED FLOUR AND PACKAGED CEREALS: For the control of CONFUSED FLOUR BEETLE, FLAT GRAIN BEETLE, RED FLOUR BEETLE, RUSTY GRAIN BEETLE, LESSER GRAIN BORER, INDIAN MEAL MOTH and MITE PESTS infesting empty box cars into which bagged flour and packaged cereals are to be loaded and transported, apply Malathion 57% 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 of Malathion 57% in 25 gal. of water or 1 gal. Malathion 57% in 19 gal. of deodorized kerosene. (The deodorized kerosene solution should be made up of 4 parts kerosene-type solvent plus one part aromatic hydrocarbon-type solvent.) 3. Let the sprayed box car stand empty with the doors open until the spray has thoroughly dried. 4. Line the walls and floors of the box car with kraft paper before loading. FIELD AND GARDEN SEEDS: Field and garden seeds can be protected against the above grain pests with a dosage of 1/2 pint of Malathion 57% in 1 to 2 1/2 gal. of water per 500 bushels of seed. Malathion 57% may be used under the requirements of the KILAPRA BEETLE quarantine, where water or diesel oil emulsion are indicated, as prescribed by the current quarantine instructions.

USE IN FOOD HANDLING ESTABLISHMENTS: Places other than private residences in which exposed food is held, processed, prepared or served. FOOD AREAS

APPLICATION LIMITED TO CRACK AND CREVICE TREATMENT ONLY: Includes areas for receiving, storage, packing (canning, bottling, wrapping, boxing) preparing, edible waste storage and enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas (when food is exposed and facility is in operation) also would be considered a food area.

Apply 3% (0.172 fl. oz. per gal.) solution in small amounts directly into cracks and crevices using equipment capable of delivering a pin stream in points between different elements of construction, between equipment and floors, openings leading to voids and hollow spaces in walls, equipment legs and bases where ROACHES and ANTS hide, and to aid in the control of SAW-TOOTHED GRAIN BEETLES, FLOUR BEETLES, RICE WEEVILS, CIGARETTE BEETLES, DRUGSTORE BEETLES and INDIAN MEAL MOTHS hiding in the same locations. Care should be taken to avoid depositing the product onto exposed surfaces or introducing the material into the air. Avoid contamination of food or food processing surfaces. Do not apply this water-diluted product in conduits, motor housing and electrical switch boxes. SERVING AREAS: Facilities where prepared foods are served, such as dining rooms but excluded areas where foods may be prepared or held. Apply 3% solution as a treatment to selective surfaces such as baseboards, under elements of construction, into cracks and crevices. Avoid treating surfaces likely to be contacted by food (do not apply when facility is in operation or foods are exposed). NON-FOOD AREAS: including garbage rooms, lavatories, floor drains (to sewers) entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling). Apply 3% solution to spot-treat baseboard areas, around water pipes, surfaces behind and beneath sinks, lockers, tables, pallets and similar areas where insects hide or through which they may enter.

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 or 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 statements contained herein.

Order Code: 14-514

4/81