



MALATHION 57-E

EMULSIFIABLE LIQUID - FOR STORED GRAIN

ACTIVE INGREDIENTS	BY WEIGHT
Malathion (O,O-dimethyl Dithiophosphate of Diethyl Mercaptosuccinate)	57%
Aromatic Petroleum Solvent	37%
INERT INGREDIENTS	6%
TOTAL 100%	

(1 Gallon contains 5 pounds of Malathion)

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

APPLY THIS PRODUCT ONLY AS SPECIFIED ON LABEL.

CAUTION

KEEP OUT OF REACH OF CHILDREN
SEE SIDE PANEL FOR FURTHER CAUTIONS

NET CONTENTS GALLONS
1 5 30 55

EPA Reg. No. 8343-105
EPA Est. 904-MS-1

GABRIEL CHEMICALS, LTD., Robbinsville, N.J.

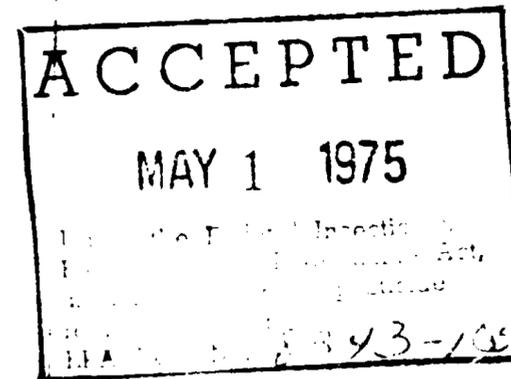
DIRECTIONS FOR USE

Do not use this product for any uses other than those specified on this label.

STORED ALMONDS

To protect stored in-shell almonds from attack by Indian meal moth and merchant grain beetle, apply Malathion 57E Emulsifiable Liquid as follows: To treat 10,000 lbs. of almonds, use 4 fluid ounces in sufficient water as the almonds go into storage. Use a suitable mechanical spray applicator that regulates the rate of application to the flow of the almonds. Apply spraying with a fine mist that falls away. Shield the nozzle against wind and air currents.

STORED GRAINS



APPLY THIS PRODUCT ONLY AS SPECIFIED ON LABEL.

CAUTION

KEEP OUT OF REACH OF CHILDREN

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NET CONTENTS GALLONS

1 5 30 55

EPA Reg. No. 8343-105

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GABRIEL CHEMICALS, LTD., Robbinsville, N.J. 08601

DIRECTIONS FOR USE

Do not use this product for any uses other than those specified on this label.

STORED ALMONDS

To protect stored in-shell almonds from attack by Indian meal moth and merchant grain beetle, apply Malathion 57% Emulsifiable Liquid as follows: To treat 10,000 lbs. of almonds, use 4 fluid ounces in sufficient water as the almonds go into storage. Use a suitable mechanical spray applicator that regulates the rate application to the flow of the almonds. Avoid spraying with a fine mist that drifts away. Shield the 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% Emulsifiable Liquid 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 gallon of Malathion 57% Emulsifiable Liquid per 25 gallons of water making thorough application. Before applying spray, clean elevators, box cars, etc. thoroughly. Remove and burn all sweepings and debris. Wear mask or respirator and eye protection as 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% Emulsifiable Liquid in 2-5 gallons of water per 1000 bushels. Apply as the grain is being loaded or turned into final storage.

MAY 1 1975

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 8343-105



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).

(6½ fluid ounces per gallon)

Apply 3% 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 housings, and electric switch boxes.

APPLICATIONS OF THIS PRODUCT IN THE FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS OTHER THAN AS A CRACK AND CREVICE TREATMENT ARE NOT PERMITTED.

SERVING AREAS-Facilities where prepared foods are served, such as dining rooms, but excluding areas where foods may be prepared or held.

Apply 3% solution as a spot 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-Includes 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, under and beneath sinks, lockers, tables, pallets, etc. Do not apply to areas where food is exposed or where they may be

AFTER GRAINS ARE STORED:

To protect stored grains from attack by Indian meal moth, apply Malathion 57% Emulsifiable Liquid to the surface of clean or uninfested grain at the rate of ½ pint in 1-2 gallons of water per 1000 square feet 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, rice weevil, granary weevil, saw-toothed grain 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% Emulsifiable Liquid 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% Emulsifiable Liquid in 25 gallons of water or 1 gallon of Malathion 57% Emulsifiable Liquid in 19 gallons 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 floor 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 ½ pint of MALATHION 57% Emulsifiable Liquid in 1 to 2½ gallons of water per 500 bushels of seed.

Malathion 57% Emulsifiable Liquid may be used under the requirements of the Khapra beetle quarantine, where water or diesel oil emulsions are indicated, as prescribed by the current quarantine instructions.

USE IN FOOD HANDLING ESTABLISHMENTS (on attached sheet)

CAUTION

HARMFUL IF SWALLOWED. AVOID BREATHING SPRAY MIST. AVOID CONTACT WITH SKIN. WASH THOROUGHLY AFTER USING. AVOID CONTAMINATION OF FEED AND FOODSTUFFS. KEEP OUT OF REACH OF CHILDREN AND PETS.

NOTE TO PHYSICIANS: Malathion, upon use, may cause cholinesterase inhibition.

ATROPINE IS ANTIDOTAL.

EMULSIFIABLE LIQUID

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



2. Spray walls and floor to the point of run-off with either 1 gallon of Malathion 57% Emulsifiable Liquid in 25 gallons of water or 1 gallon of Malathion 57% Emulsifiable Liquid in 19 gallons 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 floor 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% Emulsifiable Liquid in 1 to 2 1/2 gallons of water per 500 bushels of seed.

Malathion 57% Emulsifiable Liquid may be used under the requirements of the Khapra beetle quarantine, where water or diesel oil emulsions are indicated, as prescribed by the current quarantine instructions.

USE IN FOOD HANDLING ESTABLISHMENTS (on attached sheet)

CAUTION

HARMFUL IF SWALLOWED. AVOID BREATHING SPRAY MIST. AVOID CONTACT WITH SKIN. WASH THOROUGHLY AFTER USING. AVOID CONTAMINATION OF FEED AND FOODSTUFFS. KEEP OUT OF REACH OF CHILDREN AND PETS.

NOTE TO PHYSICIANS: Malathion, upon use, may cause cholinesterase inhibition.

ATROPINE IS ANTIDOTAL

ENVIRONMENTAL CAUTION

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



DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.

Do not reuse empty container. Destroy by perforation or crushing. Bury or discard in a safe place.

BUYER ASSUMES ALL RISKS OF USE, AT ALL TIMES. ANYTIME THIS MATERIAL USE IN STRICT ACCORDANCE WITH ALL DIRECTIONS ON LABEL WITHIN.