

87211, Specimen Label - Black

10 3 59
10270-273
PM 11

Hopkins

MALATHION

57%

PREMIUM GRADE



Made from CYTHON® Insecticide THE PREMIUM GRADE MALATHION®

Emulsifiable Concentrate to be used as a grain protectant and for the control of Lice, Ticks, Hornflies on Beef Cattle; Lice on Hogs; Lice, Mites, Ticks on Poultry. For use as a Fly Bait. Flies and Fleas on Dogs and Cats. Certain Household and Garden Insects. Can be used in Back Rubber and Stock Oilers.

ACTIVE INGREDIENT:

Malathion: O,O-dimethyl phosphorodithioate of diethyl mercaptosuccinate	57%
INERT INGREDIENTS:	43%
TOTAL	100%

Contains aromatic petroleum distillates. CYTHON® and THE PREMIUM GRADE MALATHION® are registered trademarks of American Cyanamid Company.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Below For Additional Precautionary Statements
EPA REG. NO. 2393-369 EPA EST. NO. _____
NET CONTENTS _____ GALLONS

24067

Label A

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing vapors. Avoid contact with skin, eyes, or clothing. Wash thoroughly after handling and before eating or smoking. Do not contaminate feed or foodstuffs. Food utensils such as teaspoons and measuring cups should not be used for food purposes after use with pesticides.

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician or Poison Control Center immediately. Gastric lavage may be indicated if material was taken internally. DO NOT INDUCE VOMITING unless other treatment is not available. Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, give victim 1 or 2 glasses of water and insert finger in back of throat. Repeat until vomit fluid is clear. Never induce vomiting or give anything by mouth to an unconscious person.

If on skin: Remove contaminated clothing immediately and wash affected areas with plenty of soap and water.

If inhaled: Remove victim to fresh air. Apply artificial respiration if indicated.

If in eyes: Flush eyes with plenty of water. Get medical attention if irritation persists.

Note to physician: This product contains petroleum distillates which may cause aspiration hazards. Gastric lavage may be indicated. This product may cause cholinesterase inhibition. Atropine is antidote. 2-PAM may be effective as an adjunct to atropine.

ENVIRONMENTAL HAZARDS

This pesticide 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, and potholes). Drift and runoff may be hazardous to aquatic organisms in areas 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 area.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

REENTRY STATEMENT

Do not enter treated areas without protective clothing until sprays have dried.

Protective clothing means, at least, a hat or other suitable head covering, a long sleeved shirt and long-legged trousers or a coverall type garment (all of closely woven fabric covering the body, including the arms and legs), shoes and socks.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. When oral warnings are given, warnings shall be given in a language customarily understood by workers.

Written or oral warnings must include the following information:

CAUTION

(Insert area or field description) treated with malathion on (insert date of application.)

Do not enter treated areas without protective clothing until sprays have dried.

In case of accidental exposure: Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to malathion and describe his condition. For further information see the "STATEMENT OF PRACTICAL TREATMENT" portion of the pesticide label.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

STORAGE: Do not use or store near heat or open flame. Keep product in original container, tightly closed and store in a cool, dry place and preferably in a locked storage area. Exposure to high temperatures may shorten life of product.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

PESTICIDE DISPOSAL: Metal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Plastic: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Do not apply this product through any type of irrigation system.

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 surfaces until sprays have dried.

LICE ON BEEF CATTLE, HOGS, SHEEP AND GOATS: Mix 1 gallon of this product in 100 gallons of water. Spray completely animals, pens and litter. Repeat only as needed.

TICKS ON BEEF CATTLE, SHEEP AND GOATS: Mix 1 gallon of this product in 100 gallons of water. Spray completely animals, pens and litter. Repeat only as needed.

Not Reviewed. Registrant responsible for information on with Reregistration of Pesticide Products and their containers. Response Page 2: 12. A (for the benefit of registrants).

MALATHION 57% PREMIUM GRADE

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(continued)

product in 100 gallons of water. Spray animals completely. Repeat in 2 weeks if needed.

HORN FLIES ON BEEF CATTLE: Mix 1/2 to 3/4 gallon of this product in 50 gallons water. Spray completely. Repeat at two weeks intervals if needed.

BACK RUBBERS: For reduction of Lice on Beef Cattle. Treat back rubbers with a mixture of 1 pint of this product in 4 gallons of diesel fuel oil. Do not use crankcase or lubrication oil. Repeat every 2-3 weeks. May also be a reduction in horn flies. Do not use on dairy cattle.

IMPORTANT: Do not apply to lactating dairy cattle. Do not apply to dry dairy cattle within 2 weeks of freshening. Do not treat animals under 1 month of age. Do not use on dairy goats. Avoid contamination of feed, foodstuffs, food containers and watering troughs.

POULTRY: (Chickens, Ducks, Geese, Turkeys): Direct application for Northern Fowl Mite, Poultry Lice and as a supplement to Premist Treatment for Chicken Red Mites: Mix 1 ounce (2 tablespoons) of this product per gallon of water and spray at the rate of 1 gallon per 100-150 birds. Repeat in 4 to 6 weeks or when necessary.

POULTRY HOUSES: Northern Fowl Mite, Chicken Red Mite, Poultry Lice and Flies: Mix 2 ounces (4 tablespoons) of this product in 1 gallon of water. Spray liberally walls, ceilings, roosts and nests, forcing spray into all cracks and crevices.

POULTRY TICKS: Mix 6-7 ounces of this product per gallon of water. Spray liberally on walls, ceilings, and adjacent areas, forcing spray into all cracks and crevices. Repeat as needed.

DOGS AND CATS: Fleas: Spray with a mixture of 1 ounce (2 tablespoons) of this product per gallon of water. Wet animals thoroughly. Repeat as needed, but not more than once a week. Do not treat kittens and puppies under four weeks of age.

ANIMAL QUARTERS: Fleas: Remove manure or debris. Spray kennels, pens, yards, lawns and under houses with a mixture of 5 ounces of this product per gallon of water at the rate of 1 gallon per 1000 square feet. Use a garden sprayer.

HOUSEHOLD INSECTS: Roaches, Ants, Spiders, Silverfish, Crickets, Clover Mites, Earwigs in and around Homes, Dairies and Food Processing Plants. Dilute 1 1/2 ounces (3 tablespoons) of this product in one quart of water (6 ounces per gallon). Spray or paint window sills, baseboards, drainboards, under sinks, stoves, cracks and crevices, and other areas frequented by insects. Do not contaminate food or utensils. Repeat application as necessary.

NOTE: This product may cause staining. 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 in serving areas while food is exposed.

FLY CONTROL: As a bait spray use 2 quarts this product with 1 quart corn syrup or molasses or 5 pounds of sugar in 25 gallons of water. Apply around foundations and entrances of dwellings, in floor areas, runways, feed rooms in dairy barn and out-buildings, also to walls and other fly-frequented areas. Use sprayer or can or sprayer. Also spray manure piles and other debris or fly breeding areas.

DO NOT APPLY THIS DOSAGE TO ANIMALS: Remove calves under one month of age before treating. Do not use in milk processing rooms. Maintain sanitary conditions around barns, out-buildings and other areas to prevent fly breeding. Repeat applications as necessary.

FLOWERS, SHRUBS AND SHADE TREES: Use at the rate of 1 pint per 25 gallons of water (2 teaspoons per gallon). Mix well and spray plants thoroughly. This spray will kill aphids, red spider mites, bagworms, leafhoppers, thrips, scale, mealybugs, white flies, leaf miners, leaf bugs, adult Japanese beetles, lace bugs, plant bugs and tent caterpillars. Repeat treatment as necessary. Injury may occur to certain tender plants such as certain ferns and some species of Crassula. Do not treat these.

FRUIT TREES: Use at the rate of 2 teaspoons per gallon of water. Mix well and spray plants thoroughly. Repeat as necessary. This spray will kill the following:

ON PEACHES: Spider mites, plum curculio, Oriental fruit moth. Do not apply later than 7 days before harvest.

ON PEARS: Codling moth, pear psylla, plum curculio, leaf roller. Do not apply later than 3 days before harvest. May cause injury to Bosc pear under certain conditions in the Northwest.

ON APPLES: Codling moth, plum curculio, spider mites, aphids, bud moth, Forbes scale, leaf roller. Do not apply later than 3 days before harvest. May cause injury to McIntosh varieties in summer sprays.

VEGETABLES: Use at the rate of one teaspoon per gallon of water on the following: **PEAS:** Aphids. **BEANS:** Leafhoppers, Mexican Bean Beetle, Spider Mites. **PEPPERS AND RUTABAGAS:** Aphids. **BROCCOLI:** Aphids, Cabbage Worm, Cabbage Looper. **EGGPLANT:** Aphids, Spider Mites. **CUCUMBERS, SQUASH AND MELONS:** Aphids, Spider Mites. **ONIONS:** Onion Thrips. **POTATOES:** Aphids, Leafhoppers. On these crops do not apply later than 3 days before harvest. Do not apply to cucurbits unless plants are dry. Use at the rate of 2 teaspoons per gallon of water on the following: **LETTUCE:** Aphids, Leafhoppers. **SPINACH:** Aphids. **BEETS AND BRUSSELS SPROUTS:** Aphids. Do not

apply later than 10 days before harvest. Do not apply to Leaf Lettuce within 14 days of harvest.

GRAIN PROTECTANT: For the protection of stored grains such as wheat, oats, rice, corn, rye, barley, grain sorghum and field or garden seeds, against confused flour beetle, rice weevil, granary weevil, sawtoothed grain beetle, flat grain beetle, red flour beetle, rusty grain beetle, lesser grain borer and Indian meal moth, apply 1 pint of this product in 2 to 5 gallons of water per 1000 bushels. Apply as the grain is being loaded or turned into final storage. To protect stored grains from attacks by Indian meal moth, apply this product to the surface of clean or uninfested grain at the rate of 1/2 pint to 1 to 2 gallons of water per 1000 square feet of grain surface areas. Apply the spray evenly over the surface of the grain. Apply immediately after grain is loaded into storage and repeat if necessary.

Residual Spray—For a residual wall, floor, and machinery spray in grain elevators, in treating truck beds, boxcars, and ships' holds before loading grain, apply 1 gallon of this product per 25 gallons of water, making thorough application. Before applying spray, clean elevators, boxcars, etc., thoroughly. Remove and burn all sweepings and debris.

Residual Spray—Boxcars for Loading and Transporting Bagged Flour and Packaged Cereals:

For control of the exposed stages 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 mice pest infesting empty boxcars into which bagged flour and packaged cereals are to be loaded and transported, apply this product as follows:

1. Clean the boxcar thoroughly, then remove and burn all sweepings and debris.
2. Spray walls and floor to the point of runoff with either 1 gallon of this product in 25 gallons of water or 1 gallon of this product in 19 gallons of deodorized kerosene. (The deodorized kerosene solution should be made up of 4 parts Diesel or other aromatic hydrocarbon-type solvent.)
3. Let the sprayed boxcar stand empty with the doors open until the spray has thoroughly dried.
4. Line the walls and floor of the boxcar with kraft paper before loading.

ALFALFA: For Alfalfa Weevil Larvae on hay crops (East) use 1 cup and 5 fluid ounces or (West) 1 pint Malathion 57% in enough water for thorough coverage per 1/2 acre. Spray in Spring when most of the tips are beginning to show feeding. A second application may be necessary. If harvest infestation is severe, treat stubble as soon as crop is removed. For Grasshoppers and Clover Leaf Weevil, use 1 cup and 5 fluid ounces in 50 gallons water per 1/2 acre. Apply after cutting and before plants are 6 inches tall. A second application may be necessary. For Pea Aphids use 1 pint per acre in enough water for good coverage. Apply before bloom or in the evening during bloom. For Spotted Alfalfa Aphid apply 1 pint per acre to seedlings when one aphid per plant is seen or to older stands when 5 aphids per leaf are found. For Potato Leafhopper use 1 1/4 cups per 1/2 acre when alfalfa is about half grown or earlier if insects become abundant. **DO NOT APPLY 7 DAYS BEFORE HARVEST OR FEEDING. DO NOT APPLY DURING THE DAY WHEN IN FULL BLOOM.**

NOTICE

Manufacturer and Seller warrant that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Manufacturer and Seller. In no case shall Manufacturer and Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. Manufacturer and Seller make no warranties of Merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.



MANUFACTURED FOR

HACO, inc.

BOX 7190
MADISON, WISCONSIN 53707 U.S.A.

