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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

JAN 4 1999

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Mr. Richard A. Miller  
President  
Prentiss Incorporated  
C.B. 2000  
Floral Park, N.Y. 11002-2000

Dear Mr. Miller:

Subject: Deletion of Unsupported Malathion Uses  
Prentox Malathion 50% EC  
EPA Reg. No. 655-598

The labeling amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, As Amended (FIFRA), is acceptable, provided that you:

Submit one copy of your final printed label incorporating the following corrections before you release the product for shipment.

1. Since all indoor uses have been removed from the label, the following indoor use cautionary statements need to be deleted from the label:

“Use only with adequate ventilation. After using this product indoors, ventilate thoroughly before occupying enclosed spaces.”

2. The directions and claims for use against household pests must be revised/qualified as described below to avoid inadvertent use of the product indoors.

a. Qualify the front panel claim for use against “certain household insects” to read, “certain household insects outdoors only”.

b. In the use direction table, qualify the claim for household pests” to read: “household pests outdoors only”.

c. Qualify the heading, “To control household pests” to read: “To control household pests outdoors.”

d. In the same paragraph described in item 2.c. above, 1) delete the following treatment sites which imply indoor use: the directions for use on baseboards, shelving, storage surfaces, storage localities and basement areas; and 2) correct the statement, "Selected surfaces around \_\_" to read: "Selected surfaces around the outside of \_\_".

Regarding your Confidential Statement of Formula (CSF) for the subject product, the most recent submitted CSF in our file for the product which is dated December 9, 1992 is acceptable.

If this condition is not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product bearing the amended label constitutes acceptance of this condition.

A stamped copy of the label showing use on apples and pears is enclosed for your records. Please note, that, as stated in the enclosed copy of the Agency's March 28, 1998 letter, IR-4 has subsequently picked up the commercial use of malathion as an emulsifiable concentrate on apples and pears. We apologize for any confusion regarding the use of malathion on these crops.

Sincerely,



Marilyn A. Mautz  
Biologist  
Insecticide-Rodenticide Branch  
Registration Division (7504C)

Enclosure

Pretox Malathion 50% Emulsifiable Insecticide  
EPA Registration No. 655-598

Front Panel

# PRENTOX® MALATHION 50% EMULSIFIABLE INSECTICIDE

Kills Garden Insect Pests on Flowers, Shrubs, Shade Trees, Vegetables and Fruits.  
Also Certain Household Insects.

ACTIVE INGREDIENTS: Malathion 0,0-dimethyl phosphorodithioate of diethyl mercaptosuccinate .....	50.00%
INERT INGREDIENTS: * .....	50.00%
TOTAL:	100.00%

\*Contains Xylene Range Aromatic Solvent  
PRENTOX® — Registered Trademark of Prentiss Incorporated  
EPA Reg. No. 655-598

EPA Est. No. 655-GA-1

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**  
STATEMENT OF PRACTICAL TREATMENT

If swallowed: Do not induce vomiting. Call a physician. If inhaled: Remove person to fresh air at once. If on skin: Wash thoroughly with soap and hot water. If in eyes: Wash with plenty of water for 15 minutes. Call a physician. Note to physicians: Malathion causes cholinesterase inhibition. Atropine is antidotal.

SEE INSIDE LEAFLET FOR ADDITIONAL CAUTIONS

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**CAUTION**

Harmful if swallowed. Avoid breathing of spray mist or vapors. Avoid contact with skin. Wash thoroughly after using. Avoid contamination of feed and foodstuffs.

Note to Physicians: Malathion upon repeated, prolonged or careless use may cause cholinesterase inhibition. Atropine is antidotal. **Personal Protective Equipment:** Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category G on an EPA chemical resistance category selection chart.

**Applicators and other handlers must wear long sleeved shirt and long pants, chemical resistant gloves, such as barrier laminate, or viton, shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.**

**USER SAFETY RECOMMENDATIONS**

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish, aquatic invertebrates, and aquatic life stages of amphibians. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in areas near the application site. Do not apply where weather conditions favor drift from areas treated. 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.

Use only with adequate ventilation. After using this product indoors, ventilate thoroughly before occupying enclosed spaces.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not store or use near heat or open flame.  
Do not apply this product through any type of irrigation system.

Manufactured by:  
**PRENTISS INCORPORATED**

Plant: Kaolin Road, Sandersville, GA 31082  
Office: C.B. 2000, Floral Park, NY 11002-2000

ACCEPTED  
WITH COMMENTS  
EPA LABORATORY  
JAN 4 1999

655-598

Prentox Malathion 50% Emulsifiable Insecticide  
EPA Registration No. 655-598

**DIRECTIONS FOR USE:**

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

**DO NOT APPLY THIS PRODUCT THROUGH ANY TYPE OF IRRIGATION SYSTEM.**

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and the handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label and about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, chemical resistant gloves, such as barrier laminate, or viton, shoes plus socks.

**AVOID** use on certain ferns including Boston, Maiden Hair, Pteris, as well as certain Crassula.

\* Do not use on McIntosh and Cortland varieties of apples, Bosc pears, and Ribier Grapes, as malathion may cause injury. Do not apply to pears within one day of harvest. Do not apply to apples or grapes within three days of harvest.

\*\* Do not apply to Broccoli and Peas within 3 days of harvest, and to Brussels Sprouts, Cabbage, Cauliflower, or Kale within 7 days of harvest. Do not apply to beans within one day of harvest.

\*\*\* To Control Household Pests: Spray or paint ant trails and areas around door sills and window frames where the pests enter the home. For roaches and silverfish, the baseboards should be sprayed or painted, also cracks, areas behind shelving and storage surfaces should be treated. Selected surfaces around doors, windows, screens, window frames and areas or porches should be thoroughly treated for mosquito control. Corners and pipes, storage localities and infested basement areas should be painted or sprayed for spiders, earwigs, and crickets. For clover mites, thoroughly spray or paint the porch area where these pests congregate, also sides of houses outdoors and direct spraying of any congregation of these insects as soon as observed. Window frames, door sills and other surfaces where box elder bugs enter the home should be sprayed or painted with the product.

\*\*\* Fly Control: For use around buildings which house domestic animals, around yards and meat processing plant premises (outside). Spray thoroughly where flies congregate.

**FOR FLEA CONTROL (Dogs and Cats)**—Direct application: apply spray of 2½ tablespoons of Malathion 50% per gallon of water. Wet the animal thoroughly using a hand sprayer. Repeat treatments may be needed within 2 to 3 weeks. Do not treat animals under 1 month of age.

**ANIMALS QUARTERS:** For control of fleas in kennels, pens, yards, lawns and under houses: Use spray of 5½ oz. of Malathion 50% per gallon of water at a rate of 1 gallon per 1000 sq. ft. Use garden sprayer. Remove manure and debris before spraying. Repeat treatment should be used within three to four weeks.

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Spray plants on both sides of foliage thoroughly. Repeat as necessary. Do not store diluted spray. Make new dilution each time. May be applied with hose end or tank sprayer. Will control the following insects:

PLANT or AREA	INSECT	DILUTION
Ornamentals (Roses, Azaleas, Camellias, Evergreens, Flowers & Shade Trees)	Aphids, Red Spider Mites, Spruce Mites, Mealybugs, Woody Aphid, White Fly, Thrips, Tarnished Plant Bug, Four-lined Leaf Bug, Bagworm, Rose Leafhopper, Japanese Beetle Adults, Scale Crawlers, Plant Bugs, Caterpillars, Lace bugs, Leaf Miners, Springtails  Black Scale, Bean Scale, Oyster Shell Scale	1 tsp. per gal. of water or 16 <sup>2</sup> / <sub>3</sub> fl. ozs. per 100 gals. of water  2 tsp. per gal. of water or 33 <sup>1</sup> / <sub>3</sub> fl. ozs. per 100 gals. of water
*Fruits (Apples, Pears, Grapes)	Aphids, Red Spider Mites, Mealybugs, Woolly Aphid, White Fly, Thrips, Tarnished Plant Bug, Four-lined Leaf Bug, Pear Psyllid, Japanese Beetle Adults  Scale Crawlers	2 tsp. per gal. of water or 33 <sup>1</sup> / <sub>3</sub> fl. ozs. per 100 gals. of water  4 tsp. per gal. of water or 66 <sup>2</sup> / <sub>3</sub> fl. ozs. per 100 gals. of water
**Vegetables (Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Kale, Beans, Peas, Potatoes)	Aphids, Red Spider Mites, Mealybugs, White Fly, Thrips, Tarnished Plant Bug, Four-lined Leaf Bug, Bean Leafhopper, Potato Leafhopper, Japanese Beetle Adults	2 tsp. per gal. of water or 33 <sup>1</sup> / <sub>3</sub> fl. ozs. per 100 gals. of water
***Household Pests	Roaches, Ants, Spiders, Mosquitoes, Silverfish, Crickets, Clover Mites, Earwigs	3 tsp. per gal. of water or 50 fl. ozs. per 100 gals. of water
****Out Dwellings (Outside Only)	Houseflies	5 tbsp. per gal. of water or 250 fl. ozs. (7 qts. 1 <sup>1</sup> / <sub>4</sub> pts.) per 100 gals. of water

NOTE: 6 tsp. = 1 fl. oz.; 2 tbsp. = 1 fl. oz.; 16 fl. ozs. = 1 pt.; 32 fl. ozs. = 1 qt.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.  
**STORAGE:** If container is damaged: Stop any leaks by repositioning the container or by patching or otherwise repairing the leaks. Take care to avoid contact with pesticide and wear protective gear. On cleanup of spilled liquids, wear protective equipment as required to prevent contact with the product or its vapors. Cover the spilled areas with generous amounts of absorbent material, such as clay, diatomaceous earth, sand, or sawdust. Sweep the contaminated absorbent on to a shovel and put the sweepings into and salvage drum. Dispose of wastes as below. Place any leaking container into a similar drum or glass container. Do not store, use, pour, or spill near heat or open flame. Do not store in car trunk where temperatures may exceed 120° F.  
**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.  
**CONTAINER DISPOSAL:** Triple rinse (or equivalent). 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.

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*Adhesive Panel*

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