



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

JAN 6 1994

**James A. Armbruster, Ph D
CHEMICAL CONSULTANTS INTERNATIONAL
Agent for: PBI/GORDON CORPORATION
7270 W 98th Terrace, Suite 100
Overland Park, KS 66212**

**OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES**

**Subject: Label Amendment Submission of 09/01/93 in Response to PR Notice 93-7
EPA Reg. No. 2217-345
50% MALATHION EMULSIFIABLE CONCENTRATE**

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- **BEFORE** selling or distributing any product bearing the final printed labeling
- AND**
- **WITHIN** one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

Page 2

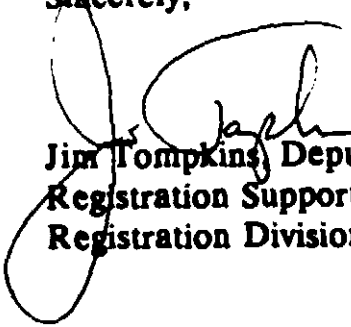
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

50% MALATHION

Emulsifiable Concentrate

FOR CONTROL OF ANIMAL AND PLANT PESTS

ACTIVE INGREDIENT:

Malathion: O,O-dimethyl phosphorodithioate of diethyl mercaptosuccinate 50%

INERT INGREDIENTS. 50%

TOTAL 100%

This product contains: 4.38 pounds of Malathion per gallon.

KEEP OUT OF REACH OF CHILDREN

WARNING - AVISO

Si Usted no entiende la etiqueta, busque a alguien para que se la explique a Usted en detalle. (If you do not understand the label, find some one to explain it to you in detail.)

STATEMENT OF PRACTICAL TREATMENT

An organophosphate insecticide/miticide.

IF SWALLOWED: Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

IF IN EYES: Flush eyes with plenty of water. Get medical attention.

IF ON SKIN: Remove contaminated clothing and wash affected area with soap and water. Get medical attention if irritation persists.

IF INHALED: Remove victim to fresh air and apply artificial respiration if indicated. Get medical attention.

NOTE TO PHYSICIAN: Malathion upon repeated, prolonged or careless exposure may cause cholinesterase inhibition. Atropine is antidotal. Aromatic solvent may present aspiration hazard. Gastric lavage is indicated if product was swallowed.

See Side Panels for Additional Precautions.

BEST AVAILABLE COPY

NET CONTENTS ONE PINT

XXX/993WPS AP102389
EPA REG. NO. 2217-345
EPA EST. NO. 2217-KS-1
Mfd by PBI/GORDON CORPORATION
KANSAS CITY, MISSOURI 64101

ACCEPTED
with COMMENTS
In EPA Letter Dated

JAN 6 1994
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
or amended, for the pesticide
registered under EPA Reg. No.
2217-345

STOP! READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING: Harmful if swallowed. Avoid breathing spray mists or vapors. Avoid contact with skin. ~~Thoroughly wash after handling and before eating or smoking. Avoid contamination of feed and foodstuffs. Do not treat areas frequented by children and do not allow children in treated areas until the spray has dried. 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.~~

Personal Protective Equipment (PPE):

Applicators and other handlers must wear long-sleeved shirt and long pants, chemical resistant gloves such as barrier laminate, butyl rubber \geq 14 mils, nitrile rubber \geq 14 mils, or Viton \geq 14 mils, and shoes plus socks.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

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, pour, spill, 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.

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 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 about personal protective equipment and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Site	Pests	Amount of Product		Comments
		In 100 Gallons of Water	In 1 Gallon of Water	
Cabbage, Broccoli, Kale, Mustard, Turnip	Aphids, Imported Cabbage Worm, Cabbage Worm	2 pints	2 tsp.	Make full coverage applications. Repeat as necessary. Do not use within 3 days of harvest on broccoli and turnips, 7 days on others.
Alfalfa for seed	Aphids	2 pints per acre in at least 10 gallons of water.		Do not apply within 7 days of harvest, or when in bloom.
Flowers, Ornamentals, Shrubs	Oyster Shell Scale, Eyonymus Scale	1 pints	1 tsp.	Apply in summer when infestation occurs. Repeat in 10 to 12 days. For scales, apply when crawlers have settled on foliage.
	Aphids, White Fly Thrips, Mealy Bugs, Japanese Beetle (Adult), Four Lined Plant Bug, Tarnished Plant Bug, Rose Leafhopper, Potato Leafhopper	1 1/2 pints	1 1/2 tsp.	
	Bagworms, Juniper Scale	2 pints	2 tsp.	
	Soft Brown Scale	2 1/2 pints	2 tsp.	
	Pine Needle Scale	2 1/2 pints	2 1/2 tsp.	

CAUTION: Do not use on certain ferns, including Boston maidenhair and Pteris as well as some species of Crassula, because of possible injury to these ornamentals.

Non-Agricultural Use Requirements

The requirements in this box apply to use of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

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.

LIQUID FLY BAIT: To control House and Stable Flies in barns, feedlots, poultry houses, utility buildings and around food disposals, mix 8 ounces with 5 ounces of corn syrup and add to 2 gallons of water. Paint or spray on desired surfaces.

BEEF CATTLE: For control of lice, add 1 gallon to 100 gallons of water. Apply a complete coverage spray. Repeat applications at two week intervals if needed. For control of ticks, apply 1 to 2 gallons per 100 gallons of water. Apply a complete coverage spray. Repeat applications at two week intervals if needed.

SWINE: For control of lice, apply 1 gallon per 100 gallons of water. Apply a complete spray to animals, pens and litter. One treatment may be sufficient. Repeat application only if needed.

BACK RUBBING DEVICES: For the reduction of lice on beef cattle, apply a 2% mixture (1 quart in 7 1/2 gallons of fuel oil or kerosene) to the back rubbing device. There may also be a reduction in horn flies. Make rubbing device accessible one to 35 or 45 head of cattle. Retreat the collar every 2 or 3 weeks. Do not use on dairy animals.

PRECAUTIONS: Do not apply during lactation or within two weeks of freshening. Do not treat calves under one month of age. When applying sprays, avoid contamination of feed, food containers and watering troughs. Do not use where milk is processed or stored. Do not use in dwelling or in reach of children. Do not apply this product through any type of irrigation system.

LIMITED WARRANTY AND DISCLAIMER.

The manufacturer warrants only that the chemical composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use.

THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED. This limited warranty does not extend to the use of the product inconsistent with label instructions, warnings or cautions, or to use of the product under abnormal conditions such as drought, excessive rainfall, tornadoes, hurricanes, etc. These factors are beyond the control of the manufacturer or the seller. Any damages arising from a breach of the manufacturer's warranty shall be limited to direct damages, and shall not include indirect or consequential damages such as loss of profits or values, except as otherwise provided by law.

The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements. No employee or agent of the seller is authorized to vary or exceed the terms of this Limited Warranty and Disclaimer in any manner.