

PM14

2217-355

1/8

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

30 AUG 1989

PRI/Gordon Corporation
1217 West 12th Street
P.O. Box 4090
Kansas City, MO 64101

Gentlemen:

Subject: 50% Malathion Garden Spray Emulsifiable Concentrate
EPA Registration No. 2217-355
Your Application Dated May 15, 1989

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided you submit five (5) copies of your final printed labeling incorporating the following correction before you release the product for shipment.

- Delete "Prolonged or Careless" under the paragraph "Note to Physician."

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

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,



William H. Miller
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosure

BEST AVAILABLE COPY

56297:I:Lachman:LM-4:KENCO:08/24/89:10/06/89:de:SW:VO:CT

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

ACCEPTED
with COMMENTS
in EPA Letter D-777

2/8

50% MALATHION
garden spray

AUG 30 1989

FOR CONTROL OF
GARDEN AND ORNAMENTAL INSECTS INCLUDING
APHIDS, RED SPIDERS AND BAGWORMS

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

2217-355

8 OZ. MAKES UP TO 16 GAL. OF SPRAY

✓ ACTIVE INGREDIENTS:

✓ Malathion: O,O-dimethyl phosphorodithioate of
diethyl mercaptosuccinate

50% ✓

INERT INGREDIENTS

50%

TOTAL 100%

Contains xylene range aromatic petroleum solvent.

KEEP OUT OF REACH OF CHILDREN

WARNING

STATEMENT OF PRACTICAL TREATMENT

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

NET CONTENTS ONE QUART

/1288 AP

EPA REG. NO. 2217-355
EPA EST. NO. 2217-KS-x

Mfd by PBI/GORDON CORPORATION
KANSAS CITY, KS 66118

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 food stuffs. 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.

NOTE TO PHYSICIAN: Malathion upon repeated, prolonged or careless exposure may cause cholinesterase inhibition. Atropine is antidotal.

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.

STORAGE & DISPOSAL

STORAGE: Store in original container in a locked storage area inaccessible to children or pets. Keep separate from other pesticides, from fertilizers, food, or feed during storage to prevent cross-contamination.

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then dispose of in a sanitary landfill or by other approved State and local procedures.

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

On all vegetables listed below, mix 3 teaspoonfuls in one gallon water.

TOMATOES: To control spiders, mites, and aphids, spray as needed. Do not use within 3 days of harvest.

✓ **BEANS:** To control Mexican Bean Beetle, Spider Mites, Leafhopper, and aphids, spray as needed. Do not use within 3 days of harvest.

✓ **CABBAGE, BROCCOLI, KALE, MUSTARD, & TURNIP:** To control aphids and Imported Cabbage worms, spray as needed. Do not use within 3 days of harvest on broccoli and turnips, 7 days on others.

✓ **FLOWERS, ORNAMENTALS, & SHRUBS:** Mix 3 teaspoonfuls in one gallon water. Make application when insects appear, and repeat as necessary to control aphids, mealy bugs, spider mites, white flies, and leafhoppers. To control scale on euonymus, juniper, and pine, spray in May. To control bagworm larvae, spray as soon as insects are seen and repeat in 10 to 14 days. Do not use on Boston or Maidenhair ferns, Pteris, Crassula, or Canaerti juniper as injury may result.

LIMITED WARRANTY: Manufacture warrants that the chemical composition conforms to the ingredient statement given on the label and that this product is suited for the labeled use when applied according to label directions. Because of widely varying use conditions, it is impossible to eliminate all risks even when label directions are followed.


Exclusion of Other Warranties and Remedies. Except where such disclaimers and exclusions are specifically prohibited by applicable law. THE FOREGOING IS THE ONLY GUARANTEE OR WARRANTY APPLICABLE TO THIS PRODUCT AND IS GIVEN EXPRESSLY AND IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND ALL SUCH WARRANTIES WHICH EXCEED OR DIFFER FROM SAID LIMITED WARRANTY ARE DISCLAIMED BY MANUFACTURER, and, upon Manufacturer's compliance with said limited warranty, BUYER SHALL HAVE NO REMEDY AGAINST MANUFACTURER FOR ANY TYPE OF DAMAGE OR LOSS, and, IN NO EVENT SHALL MANUFACTURER BE LIABLE FOR CONSEQUENTIAL DAMAGE OR LOSS.

5453389

Label in compliance with 6/15/92 label,
no unsupported uses, no use deletions
required / man

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 11-30-93

(A) 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input checked="" type="checkbox"/> Registration <input checked="" type="checkbox"/> Amendment <input type="checkbox"/> Other	OPP Identifier Number 193455
	Application for Pesticide:		

Section I

1. Company/Product Number 2217-355	2. EPA Product Manager Robert Forrest	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) 50% Malathion Garden Spray	PM# (PM 14)	
5. Name and Address of Applicant (Include ZIP Code) PBI/Gordon Corporation PO Box 14090 1217 West 12th Street Kansas City, MO 64101 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section II

<input type="checkbox"/> Amendment - Explain below	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input checked="" type="checkbox"/> Resubmission in response to Agency letter dated June 15, 1992	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - explain below.


Explanation: Use additional page(s) if necessary. (For section I and Section II.)

AMENDMENT: All previously registered uses for terrestrial food crops and terrestrial non-food uses are being supported by Cheminova Agro A/S and the Interregional Research Project No. 4 (IR-4). The format of the Directions for Use has been changed from text to tabular form. Five copies of the revised labeling are attached.

Section III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted.		If "Yes," Unit Package wgt.	No. per container	If "Yes," Package wgt.	No. per container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label Is Affixed To Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input type="checkbox"/> Other (_____)			

Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name James A. Armbruster, Ph.D.		Title Mgr. Regulatory Services		Telephone No. (Include Area Code) (816)421-4070	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamped)
2. Signature 		3. Title Mgr. Regulatory Services			
4. Typed Name James A. Armbruster, Ph.D.		5. Date October 19, 1993			

50% MALATHION Garden Spray

6/8

ACTIVE INGREDIENT:

Malathion: O,O-dimethyl phosphorodithioate of diethyl mercaptosuccinate 50%
INERT INGREDIENTS 50%
TOTAL 100%

Contains xylene range aromatic petroleum solvent.

KEEP OUT OF REACH OF CHILDREN

WARNING

STATEMENT OF PRACTICAL TREATMENT

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 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 Precautionary Statements

NET CONTENTS ONE QUART

/1093 APXXXXXX

EPA REG. NO. 2217-355

EPA EST. NO. 2217-KS-1

Mfd by PBI/GORDON CORPORATION
KANSAS CITY, MISSOURI 64101

NOT REVIEWED
In Accordance with EPA Notice 001-2.
Based on 1977 Labeling Data
8/30/89

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

7/8

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.

Environmental Hazards: This pesticide is toxic to fish, aquatic invertebrates, and aquatic life stages of amphibians. Do not apply directly to water, 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 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.

STORAGE & DISPOSAL

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

STORAGE: Store in original container in a locked storage area inaccessible to children or pets.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: FOR METAL CONTAINERS: 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. FOR PLASTIC CONTAINERS: 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.

Table 1. Uses, dosage rates, harvest intervals, and comments for the foliar application of 50% Malathion Garden Spray.				
Site	Pests	Amount in 1 Gallon of Water	Days to Harvest ⁽¹⁾	Comments
Tomatoes	Spider Mites	3 tsp.	1	Make one or more foliar applications as needed.
	Aphids	3 tsp.		
Beans (Dry and Succulent)	Mexican Bean Beetles, Spider Mites, Leafhoppers	3 tsp.	1	Make one or more foliar applications as needed.
Cabbage, Broccoli, Kale, Mustard, Turnip	Aphids, Imported Cabbageworm, Cabbageworm	3 tsp.	7	Make full coverage applications. Repeat as necessary.
			3	
			7	
			3	

8/18
Table 1. Uses, dosage rates, harvest intervals, and comments for the foliar application of 50% Malathion Garden Spray.

Site	Pests	Amount In 1 Gallon of Water	Days to Harvest ⁽¹⁾	Comments
Flowers, Ornamentals Shrubs	Oyster Shell Scale, Euonymus Scale	3 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	3 tsp.	---	Injury may occur on Ferns, Hickory, Viburnum, Lantana Crassula and Canareti Juniper. Slight injury has also been reported on Boston, Pteris, and Maidenhair Ferns, Petunias, Small-Leaf Spirea, White Pine and Maples.
	Bagworms, Juniper Scale	2 tsp.		
	Soft Brown Scale	3 tsp.		
	Pine Needle Scale	4 tsp.		

⁽¹⁾Days to harvest refers to the interval or the number of days before harvest for the last application of malathion.

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

LIMITED WARRANTY: Manufacturer warrants that the chemical composition conforms to the ingredient statement given on the label and that this product is suited for the labeled use when applied according to label directions. Because of widely varying use conditions, it is impossible to eliminate all risks even when label directions are followed.

Exclusion of Other Warranties and Remedies. Except where such disclaimers and exclusions are specifically prohibited by applicable law, THE FOREGOING IS THE ONLY GUARANTEE OR WARRANTY APPLICABLE TO THIS PRODUCT AND IS GIVEN EXPRESSLY AND IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND ALL SUCH WARRANTIES WHICH EXCEED OR DIFFER FROM SAID LIMITED WARRANTY ARE DISCLAIMED BY MANUFACTURER, and, upon Manufacturer's compliance with said limited warranty, BUYER SHALL HAVE NO REMEDY AGAINST MANUFACTURER FOR ANY TYPE OF DAMAGE OR LOSS, and, IN NO EVENT SHALL MANUFACTURER BE LIABLE FOR CONSEQUENTIAL DAMAGE OR LOSS.