

411 19 904-415

File 10/11



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

FEB 23 1994

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

**Charles H. Svec
MILLER CHEMICAL & FERTILIZER CORP.
PRATT-GABRIEL DIVISION
P. O. Box 333
Handover, PA 17331**

**Subject: Label Amendment Submission of 12/07/93 in Response to PR Notice 93-7
EPA Reg. No. 904-415
PRATT OXAMYL 10% GRANULAR**

IMPORTANT NOTICE: This Letter Requires You to Submit a Notification to the Office of Compliance Monitoring within 20 Days.

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 listed on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

SERIOUS ERROR(S) ON SUBMITTED LABELING:

EPA has determined that one or more of the errors on the labeling you submitted to the Agency is categorized as "serious" as defined in PR Notice 93-11. In general, serious errors are those that may create a potential for harm to workers, handlers, other persons, or the environment; or those that prevent the achievement of the basic goals of the Worker Protection Standard (WPS) or FIFRA.

YOU MUST NOT SELL OR DISTRIBUTE (INCLUDING RELEASE FOR SHIPMENT) ANY PRODUCT BEARING THE SUBMITTED LABELING. Sale or distribution of any product with the incorrect labeling is a violation of FIFRA that could result in initiation of an action for civil penalties and/or cancellation of your product. This matter has been referred to the Office of Compliance Monitoring (OCM) for further action.

YOU MUST SUBMIT A NOTIFICATION TO THE OFFICE OF COMPLIANCE MONITORING WITHIN 20 DAYS OF THE DATE OF THIS LETTER.



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

Each notification must include the following information:

1. Registrant's name and address.
2. EPA Registration number of the product for which the labeling was submitted.
3. Whether any product already has been sold or distributed (this includes released for shipment) bearing the submitted labeling.

In addition, the notification must include the following information, IF you have already sold or distributed any product bearing the submitted labeling:

1. Quantity of the product that has been sold or distributed.
2. EPA Producing Establishment number.
3. Location of the product, if known.
4. Proposed plan for assuring that product with the incorrect labeling in your control, as well as that in the hands of dealers/distributors/users, will be corrected. The plan must include your proposal for assuring that the labeling is corrected as soon as possible.

Submit the notification to:

Michael Wood, Director
Compliance Division, (7203)
Worker Protection Notification
Office of Compliance Monitoring
U.S. Environmental Protection Agency
401 M Street SW
Washington, DC 20460

Failure to submit a notification also may result in initiation of an action under FIFRA for civil penalties, if you sold or distributed (this includes released for shipment) product bearing the incorrect labeling.

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IN ADDITION, YOU SHOULD CONTACT IMMEDIATELY THE PERSONS TO WHOM YOU SOLD OR DISTRIBUTED YOUR PRODUCT AND INFORM THEM NOT TO SELL OR DISTRIBUTE ANY PRODUCT WITH THE INCORRECT LABELING.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the 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 neither been reviewed nor 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:

Submit the required notification. Then 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 as amended

AND

- WITHIN one year from date of this acceptance.

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

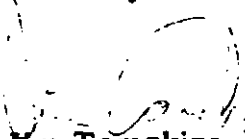
Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

4047

Hand or courier deliveries of final 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

cc: Office of Compliance Monitoring

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OXAMYL 10% GRANULAR

N-Methyl Carbamate
FOR PROFESSIONAL USE ONLY

An Insecticide/Nematicide For Professional Use in Greenhouses, Nurseries on Containerized Nursery Stock, And Interior Plantcave Locations.

ACTIVE INGREDIENTS:	BY WEIGHT
Oxamyl: Methyl N'N'-dimethyl-N-[(methylcarbamoyl)oxy]-1-thiooxamimidate	10%
INERT INGREDIENTS:	90%
TOTAL	100%

EPA Reg. No. 904-415-AA

EPA Est. 4-NY-1

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 someone to explain it to you in detail.)

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED, drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Get medical attention. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

IF INHALED, remove from exposure. Have patient lie down and keep quiet. If patient is not breathing, start artificial respiration immediately. Never give anything by mouth to an unconscious or convulsing person.

IF ON SKIN, wash skin with plenty of soap and water.

IF IN EYES, flush with water and get medical attention.

ATROPINE IS ANTIDOTAL: Seek medical attention at once in all cases of suspected poisoning. If warning symptoms appear (see Warning Symptoms below), get medical attention.

WARNING SYMPTOMS: Oxamyl poisoning produces effects associated with anticholinesterase activity which may include weakness, blurred vision, headache, nausea, abdominal cramps, discomfort in the chest, constriction of pupils, sweating, slow pulse, muscle tremors.

NOTE TO PHYSICIAN

TREATMENT: Atropine sulfate should be used for treatment. Administer repeated doses, 1.2 to 2.0 mg intravenously every 10 to 30 minutes until full atropinization is achieved. Maintain atropinization until the patient recovers. Artificial respiration or oxygen may be necessary. Allow no further exposure to any cholinesterase inhibitor until recovery is assured.

Do not use 2-PAM for exposure to Oxamyl alone. However, for exposure to combinations of Oxamyl and organophosphorus insecticides, 2-PAM may be used as required to supplement the atropine sulfate treatment. Do not use morphine.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS (& DOMESTIC ANIMALS)

May be fatal if swallowed, inhaled or absorbed through the skin. Do not breathe dust. Do not get in eyes, on skin or on clothing. ~~When loading, applying or otherwise handling, wear protective clothing, goggles and a mask or respirator suitable for protection against oxamyl vapors or dust. Respirators should be cleaned and cartridges replaced according to instructions included with the respirator.~~ Keep animals and unprotected persons out of operational areas during treatment.

Applicators and other handlers must wear:

- Coveralls over short-sleeved shirt and short pants
- Waterproof gloves
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure
- Chemical-resistant apron when cleaning equipment, mixing, or loading
- A respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G)

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.

BEST AVAILABLE COPY

ACCEPTED COMMENTS in EPA Letter Dated

FEB 23 1994

Under the Federal Insecticide, Fungicide and Rodenticide Act the pesticide is registered under EPA Reg. No. 904-415-AA

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 birds and other wildlife. Do not apply directly to water. Birds and other wildlife feeding on treated areas may be killed. Cover, collect, or incorporate granules which are spilled on soil surface during loading. Do not contaminate water by cleaning of equipment or disposal of wastes. **GROUND WATER ADVISORY:** Residues of Pratt Oxamyl 10% Granular can seep or leach through soil and can contaminate ground water which may be used for drinking. Users are advised not to apply Pratt Oxamyl 10% Granular where the water table is close to the surface and where soils are very permeable, i.e., well-drained soils such as loamy sands. Local Agricultural Agencies can provide information on the soil types in your area and the location of the ground water.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.
NOTE: Use of this product is limited to container grown nursery stock, greenhouse and interior plantscapes. **DO NOT** use on field-grown nursery stock.

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, forest, 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 (PPE). 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 24 hours. Exception: if the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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 over short-sleeved shirt and short pants
- Waterproof gloves
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure

STORAGE & DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store in tightly closed, original container in a locked area away from children and domestic animals. **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:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

NET WEIGHT: 4 POUNDS

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PRATT-OXAMYL 10% GRANULAR 4 Pounds EPA Reg. No. 904-415-AA

APPLICATION RATES FOR INSECT & NEMATODE CONTROL ON ORNAMENTALS

OXAMYL 10% GRANULAR MAY BE APPLIED AS A PREPLANT OR POSTPLANT TREATMENT OR AS A SOIL MIX.

PREPLANT SOIL INCORPORATION: Apply Pratt Oxamyl 10% Granular at the rate of 1.4 to 1.8 lbs. per 1,000 sq. ft. or 6 to 8 gms. per 10 sq. ft. Thoroughly incorporate with a rotary tiller to a depth of 4 to 6 inches immediately after application.

SOIL MIX: Apply 2 to 3 oza. of Pratt Oxamyl 10% Granular per cubic yard (21.8 bushels) of soil while tumbling in a soil mixer. This treatment is equivalent to 80 to 90 lbs. per acre.

POSTPLANT FOLLOWED WITH IRRIGATION: Apply 1.4 to 1.8 lbs. per 1,000 sq. ft. or 6 to 8 gms. per 10 sq. ft. of Pratt Oxamyl 10% Granular. Immediately after, apply 1 inch of overhead irrigation to thoroughly wash granules off foliage and into soil.

INSECT AND NEMATODE CONTROL ON ORNAMENTALS

Use Pratt Oxamyl 10% Granular only on plants listed below, when grown in containers, in greenhouses or in interior plantescape locations.

Pratt Oxamyl 10% Granular is recommended for use in control of **APHIDS, FUNGUS FLY, FUNGUS GNATS, JAPANESE BEETLE (Adults), LEAFHOPPERS, LEAFMINERS, BLACK VINE WEEVIL, MEALYBUGS, MITES, SCALES, THRIPS, WHITEFLY and ROOT KNOT (Except Javonese), STING, LESION and BURROWING NEMATODES.** Pratt Oxamyl 10% Granular is recommended for the following ornamental and containerized nursery plants. The dosage rate would be chosen depending upon the severity of the infestation.

Pratt Oxamyl 10% Granular should be lightly incorporated in the soil surface either mechanically or by watering. Oxamyl works best by root uptake so granules on plant foliage should be brushed or washed off for maximum effectiveness.

OXAMYL 10% GRANULAR RECOMMENDED FOR FOLLOWING PLANTS

Ageratum	Cherry*	Gardenia	Juniper	Pink Polka Dot
Allspice	Christmas Cactus	Gazania	Kalanchoe	Plum*
Aloe	Christmas Cherry	Geranium	Leaf Philodendron	Pine
Aluminum Plant	Chrysanthemum	Gerbera	Leatherleaf Fern	Poinsettia
Alyssum	Citrus*	Ginko	Lobelia	Portulaca
Apple*	Coleus	Gladiolus	Magnolia	Primula
Ardisia	Crape Myrtle	Gold Dust Tree	Maranta	Privet
Artillery Plant	Croton	Goldfish Plant	Marigold	Purslane
Asparagus Fern	Cyclamen	Gypsophila	Medicine Plant	Ranunculus
Aster	Dahiberg Daisy	Heart Leaf	Mimulus	Rhipsalis
Azalea	Dahlia	Hibiscus	Mulberry	Rose
Barberry	Devilwood	Holly	Nerve Plant	Salvia
Begonia	Dianthus	Hoya	Mock Orange	Sanseveria
Bird's Nest Fern	Dieffenbachia	Hypoestes	Palm (Neanthebella and Madagascar)	Sedum
Boston Fern	Douglas Fir	Ilex	Pansy	Snapdragon
Boxwood	Dracaena	Impatiens	Peach*	Strawberries**
Broom	Dusty Miller	Ivy	Pear*	Thunbergia
Caladium	Eastie Cactus	Jade Plant	Peony	Umbrella Plant
Calceolaria	Firethorn	Japanese Euonymus	Peperomia	Verbena
Calendula	Flowering Cabbage	Japanese Pittsorum	Petunia	Vinca
Camellia	Flowering Kale	Jewel Weed	Philodendron	Viola
Cast Iron Plant	Fuchsia			Zinnia

* Non bearing trees and strawberries that will not bear fruit within twelve months after application (Nursery Stock Only).

** The following strawberries are known to be sensitive to Oxamyl and might exhibit phytotoxic symptoms: Bounty, Canoga (NY 1362), Cavalier, Darrow, Dunlop, Earldown, Earlglow, Empire, Holiday, Midland, Midway, Mic Mac, NY 1408, Opalita, Reglow, Redstar, Sequoia, Stark Red, Sunrise, Viestar.

NOTE: Pratt Oxamyl 10% Granular has shown no phytotoxicity to ornamental plants, but not all plants or varieties have been tested. When treating large numbers of a single variety, treat a few plants and observe prior to full-scale application.

OXAMYL 10% Granular Volume Measure Per Area				OXAMYL 10% Granular Pot Rate Per Area			
Measure	Grams per Gall	Area Covered (sq. ft.)		Size in inches (Diameter)	Square Feet of Pot Area	Rate - Grams per pot	
		sq/10 sq. ft.	sq/10 sq. ft.			sq/10 sq. ft.	sq/10 sq. ft.
1/8 level teaspoon	.433	.72	.54	2	.022	.013	.018
1/4 level teaspoon	.866	1.44	1.08	2 1/4	.027	.017	.022
1/2 level teaspoon	1.770	2.88	2.15	2 1/2	.034	.021	.027
1 level teaspoon	3.45	5.75	4.3	3	.049	.030	.039
1 level Teaspoon	10.42	17.00	13.00	3 1/2	.067	.040	.053
1 level Fluid ounce	20.84	34.73	26.00	4	.087	.052	.070
1/4 level cup	41.68	69.5	52.00	4 1/2	.110	.066	.088
1/2 level cup	83.36	139.00	104.00	5	.138	.082	.109
3/4 level cup	125.04	208.00	156.00	5 1/2	.165	.099	.132
1 level cup	166.72	278.00	208.00	6	.198	.118	.157
				7	.267	.160	.214
				8	.348	.209	.279
				9	.442	.285	.353
				10	.546	.327	.438
				12	.785	.471	.628
				14	1.088	.641	.855
				16	1.388	.838	1.117
				18	1.767	1.090	1.414
				20	2.18	1.308	1.744
				24	3.14	1.894	2.512
				36	7.028	4.241	5.655
				48	12.568	7.540	10.053

INSECT & NEMATODE CONTROL

TOMATOES (Greenhouse): For control of root knot (except Javonese), sting, stubbyroot, stunt and reniform nematodes and as an aid in controlling early season infestations of aphids, whiteflies, leafminers and flea beetles, apply Pratt Oxamyl 10% Granular as a preplant soil application at the rate of 1.4 to 1.8 lbs. per 1,000 sq. ft. or 6 to 8 gms. per 10 sq. ft. Thoroughly incorporate with a rotary tiller to a depth of 4 to 6 inches immediately after application.

CUCURBITS (Greenhouse): Pratt Oxamyl 10% Granular is recommended for use on Cucumbers, Cantaloupes, Watermelons, and Squash to control the following nematodes: root knot (except Javonese), lesion, sting, and stunt. **PREPLANT:** Apply Pratt Oxamyl 10% Granular at the rate of .48 to .85 lbs. per 1,000 sq. ft. or 2 to 4 gms. per 10 sq. ft. Following application and before planting, incorporate to 4 inches into soil. Use low rate for light infestations.

NOTE: Do not plant crops in permanent greenhouse soils other than those with registered oxamyl uses within 8 months after the last application.

LIMITED WARRANTY: Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith.

993M16MP

Prod. No. 13732

Manufactured For
Pratt-Gebriel Division
MILLER CHEMICAL & FERTILIZER CORPORATION
Hanover, Pennsylvania 17331

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