

67690-1

8/13/1997

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

AUG 13 1997

Ms. Pamela Noyes
Jellinek, Schwartz & Connolly, Inc.
Representative of SePRO Corporation
1525 Wilson Boulevard, Suite 600
Arlington, VA 22209

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Dear Ms. Noyes:

Subject: Your Letter Dated April 10, 1997
Pipron Liquid Concentrate
EPA Registration No. 67690-1

The Labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended is acceptable subject to the following condition:

Since this product is a liquid, change dosage rate from "ounces" to "fluid ounces".

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy is enclosed for your records. Please submit (1) one copy of your final printed labeling before you release the product for shipment.

If you have any questions, please contact Charlotte Davis at (703) 305-6700.

Sincerely,

Mary L. Waller

Mary L. Waller,
Acting Team Leader (21)
Fungicide Branch
Registration Division (7505C)

Enclosure

2 9 8

3/17/97

SRCS

ACCEPTED
with COMMENTS 1
In EPA Letter Dated

8-13-97

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
67690-1

(Front Panel):

(logo) SePRO

Pipron*
Liquid Concentrate

A Fungicide To Control Powdery Mildew On Ornamentals. For Use Only In Commercial Greenhouses And Other Structures With An Impermeable Roof.

Active Ingredient:

piperalin: 3-(2-methylpiperidino)propyl 3,4-dichlorobenzoate.....	84.4%
Inert Ingredients.....	15.6%
Total.....	100.0%

Contains 2 pounds of active ingredient per quart.

Contains aromatic hydrocarbons.

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.)

Precautionary Statements

Hazards to Humans and Domestic Animals

WARNING

AVISO

Causes Substantial But Temporary Eye Irritation • Harmful If Swallowed, Inhaled, Or Absorbed Through The Skin

Avoid breathing vapors and spray mist. Do not get in eyes or on skin or clothing

Fungicide

Net Contents 1 qt

378

(Back Panel and Base Label)**First Aid**

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

If on skin: Wash with plenty of soap and water. Get medical attention if irritation develops.

If inhaled: If discomfort occurs, remove individual to fresh air. If breathing difficulty occurs, get medical attention. If not breathing, provide cardiopulmonary resuscitation and get medical attention immediately.

If swallowed: Do not induce vomiting. Call a physician or Poison Control Center. If available, administer activated charcoal (6-8 heaping teaspoonfuls) with a large quantity of water. Do not give anything by mouth to an unconscious person. Immediately transport to a medical care facility and see a physician (see "Note to physician").

Note to physician: This product contains an aromatic hydrocarbon and can be extremely harmful if swallowed. Aspiration of this product may produce a severe pneumonitis. Stomach lavage with a cuffed endotracheal tube in place and immediate administration of activated charcoal 6-8 heaping teaspoonfuls with water, should be considered. Treatment is otherwise symptomatic and supportive.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to the label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

Refer to label booklet for additional Directions for Use.

NOTICE: Read the entire label. Use only according to label directions. Before buying or using this product, read "Warranty Disclaimer" and "Limitation of Remedies" inside label booklet.

In case of emergency endangering health or the environment involving this product, call collect 317-580-8282.

EPA Reg. No. 67690-1

EPA Est. No. 37429-GA-2

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SePRO Corp. • Carmel, IN 46032, U.S.A.

Pipron* Liquid Concentrate

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(page 1 of data pack)

(logo) SePRO

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Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Coveralls
- Chemical-resistant gloves such as Barrier Laminate, Butyl Rubber, Nitrile Rubber, or Viton
- 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.
- 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.

First Aid

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

If on skin: Wash with plenty of soap and water. Get medical attention if irritation develops.

If inhaled: If discomfort occurs, remove individual to fresh air. If breathing difficulty occurs, get medical attention. If not breathing, provide cardiopulmonary resuscitation and get medical attention immediately.

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Environmental Hazards

This product is toxic to fish. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater.

Directions for Use

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

Read all Directions for Use carefully before applying.

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 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) 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 Lamine, Butyl Rubber, Nitrile Rubber or Viton
- Shoes plus socks

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Storage and Disposal

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

Storage: Store in original container only. In case of leak or spill, use absorbent materials to contain liquids and dispose as waste.

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

Container Disposal: 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.

General Information**Pipron for the Control of Powdery Mildew**

Pipron Liquid Concentrate fungicide is highly effective against powdery mildew-causing fungi. Pipron Liquid Concentrate is particularly designed as an eradicant fungicide for treatment of crops in Integrated Pest Management (IPM) programs, when disease conditions are present, or after initial infestations are noted.

General Use Precautions

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

Pipron Liquid Concentrate has been shown to be safe and effective on certain cultivars of the plants types listed in Table 1, except as noted under Comments. For the plant types listed, users should conduct tests on a small scale basis to confirm plant safety under local growing conditions. Before using Pipron on plant types and cultivars not listed, first test Pipron on a small-scale basis to confirm efficacy and plant safety.

Application Directions

Mix Pipron Liquid Concentrate with water and apply as a spray to the plants. Sufficient pressure and volume of water should be used in spraying Pipron Liquid Concentrate to ensure thorough coverage of all plant surfaces. Special care should be taken to thoroughly wet new terminal growth and plant areas already infected with powdery mildew. Better disease control may be achieved when applications are made in early morning or evening when the foliage will remain moist longer. Under certain conditions, such as hard to wet rose leaves or dense mildew growth, the use of a surfactant is recommended to enhance efficacy. Refer to surfactant label for dose, compatibility, and plant safety information.

Mixing Instructions: Fill the spray tank 1/2 -3/4 full with water, and the proper amount of Pipron, then add the rest of the water. Agitate constantly during mixing and application to maintain a uniform emulsion.

For broader spectrum control, Pipron Liquid Concentrate can be mixed with other fungicides and insecticides. Check compatibility for tank-mixes. Observe all directions, precautions, and limitations on label of all products used in tank-mixes.

Tank-Mixing: If Pipron Liquid Concentrate is tank-mixed with other products, use the following sequence:

1. Always check the compatibility of the tank-mix using a jar test with proportionate amounts of Pipron, other chemicals to be used, and water, before mixing in the spray tank.
2. Provide sufficient jet or mechanical agitation during filling and application to keep the tank-mix uniformly suspended.
3. Fill tank at least 1/2 full of clean water.
4. Add wettable powders to the tank first, allowing them to completely suspend in the tank before proceeding. This process can be hastened by premixing the product in water before adding to the tank.
5. Add flowables or suspensions next.
6. Add Pipron and other emulsifiable concentrates last.

- 7. Do not leave tank-mix combinations in the spray tank for prolonged periods without agitation. Mix and apply them the same day.
- 8. You must test the tank-mix on a small number of plants to confirm efficacy and plant safety.

It is recommended that Pipron Liquid Concentrate not be tank-mixed with Pentac* Aqua Flow and Mavrik* Aqua Flow.

Rates and Spraying Schedule: To control powdery mildew, add to each 100 gallons of water 4 to 8 ounces of Pipron Liquid Concentrate. If a surfactant is to be used, add to the diluted Pipron Liquid Concentrate emulsion.

Apply the low rate soon after the first leaves expand or the first symptoms of powdery mildew appear. Use the high rate if powdery mildew is already present.

Table 1

Plant Type	Comment
African Violet	
Begonia	Treatment of certain Hiemalis cultivars has resulted in flower spotting when treated after flower initiation. All begonia cultivars should be evaluated for similar flower spotting.
Catalpa	
Chrysanthemum	
Dahlia	
Gerbera Daisy	
Grape Leafed Ivy	
Hydrangea	Do not treat after flower buds are visible.
Kalanchoe	
Lilac	
Monarda	
Phlox	
Poinsettia	There have been reports of spotting on mature bracts. Preliminary tests should be completed as noted below on a small scale and then evaluated for crop sensitivity under local greenhouse conditions. Crop liability is assumed by the grower since use will be based upon the individual evaluation of the local test.
Roses, Cut	
Roses, Potted	
Verbena, Annual	
Zinnia	

Note: Certain cultivars may be sensitive to the final solution. Even with plants mentioned above, users should check for sensitivity by testing a small number of plants prior to treating an entire area. Wait several days before evaluating for crop injury.

Plant Tolerance: Neither the manufacturer nor the seller has determined whether or not Pipron Liquid Concentrate can be used safely on all ornamental plants. Prior to any large application, the user should determine the safety of Pipron Liquid Concentrate by testing on a small number of plants to be treated at the recommended rates. Observe the treated plants for symptoms of phytotoxicity several days after treatment. The user assumes all risks of crop damage arising from improper application, testing, and use.

Warranty Disclaimer

SePRO Corporation warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. SEPRO CORPORATION MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. THERE ARE NO WARRANTIES THAT EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.

Inherent Risks of Use

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperatures, soil conditions, inadequate or failed testing for plant tolerance, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of SePRO Corporation or the seller. All such risks shall be assumed by Buyer.

Limitation of Remedies

The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at SePRO Corporation's election, one of the following:

- (1) Refund of purchase price paid by buyer or user for product bought, or
- (2) Replacement of amount of product used.

No other remedy may be obtained by buyer against SePRO or the seller

SePRO Corporation should not be liable for consequential or incidental damages or losses.

SePRO Corporation shall not be liable for other losses or damages resulting from handling or use of this product unless SePRO Corporation is promptly notified of such loss or damage in writing.

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

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