



Reg # 6218-26

PM-13

198

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

SEP 28 1993

Lawrence E. Kase
SUMMIT CHEMICAL COMPANY
7657 Canton Center Drive
Baltimore, MD 21224

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

SUBJECT: Label Amendment Submission of 05/24/93 in Compliance
with PR Notice 93-7
EPA Reg. No. 6218-26
FLORA FUME VAPONA GREENHOUSE MISTING INSECTICIDE

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below.

Based on your certification, the Agency has accepted only those changes to your labeling which are necessary to comply with PR Notices 93-7 and 93-11, which reflect the WPS labeling requirements of 40 CFR part 156, subpart K. Any other labeling changes submitted in connection with this amendment application and not directly related to compliance with PR Notice 93-7 or 93-11 have neither been reviewed nor accepted by the Agency. If you wish to make any such changes, you must submit a separate amendment application proposing them. If your product registration is currently suspended, acceptance of this labeling amendment does not affect the suspension in any way.

A copy of your proposed labeling stamped "Accepted with comments" is attached. Make any required changes described in the attached and send three copies of final labeling as soon as it is available to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (H-7504C)
U.S. Environmental Protection Agency
401 M Street SW
Washington, DC 20460-0001

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

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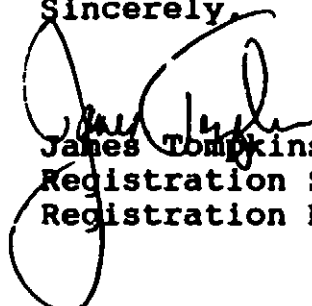
Hand or courier deliveries of final labels may be made to:

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

Please correct the typographical errors circled on the draft before printing final labeling.

In your final labeling the "Agricultural Use Requirements" text" must be contained in a clearly separate box. This box may be set apart by a line, by another graphical device, by a different color background, or in any other way that clearly distinguishes it from surrounding text.

Sincerely,



James Tompkins, Deputy Chief
Registration Support Branch
Registration Division (H7505W)

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SUMMIT CHEMICAL COMPANY
FLORA FUME VAPONA GREENHOUSE MISTING INSECTICIDE
6218-26 05/24/93

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User Safety Recommendations must either be placed in a box or printed on the label in a contrasting color from surrounding text.
The Agricultural Use Requirements section must either be placed in a box or printed on the label in a contrasting color from the surrounding text.

Delete from the Agricultural Use Requirements the following: "Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas."

RECEIVED

Analyst comments:

Does not have the Precautionary Statements and Hazards to Humans and Domestic Animals headings above PPE.

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FLORA-FUME VAPONA GREENHOUSE MISTING INSECTICIDE

Organophosphate
FOR USE ONLY WITH MECHANICAL MIST SPRAYERS OR POLYETHYLENE TUBE VENTILATION SYSTEMS

CONCENTRATED INSECTICIDE FOR THE CONTROL OF INSECTS AND MITES DESTRUCTIVE TO THE FOLLOWING GREENHOUSE CROPS

ORNAMENTALS

VEGETABLES*

Roses, Chrysanthemums, Carnations, Snapdragons Tomatoes, Cucumbers, Lettuce, Radishes
*For vegetable applications, see "Limitations for Greenhouse Vegetables" below.


NON-INJURIOUS TO EITHER BLOSSOMS OR FOLIAGE WHEN USED AS DIRECTED

KILLS: Red Spider Mites, Aphids, Thrips, Whiteflies, Mealybugs and Chrysanthemum Leaf Miners

ACTIVE INGREDIENTS:

- *2,2 dichlorovinyl dimethyl phosphate 9.3%
- *Related compounds 0.7%
- INERT INGREDIENTS:** 90.0%
- Contains 1,1,1, trichloroethane
- *DDVP (Dichlorvos)

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DANGER PELIGRO	KEEP OUT OF REACH OF CHILDREN	POISON
		
See Left Panel For Antidotes and Precautions Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail.)		

RECOMMENDATIONS

FOR ALL APPLICATIONS, CAREFULLY FOLLOW "DIRECTIONS FOR USE" ON THE RIGHT PANEL OF THIS LABEL. ALSO OBSERVE ALL CAUTIONS ON THE LEFT PANEL.

For spider mite control, 4 treatments at 3-day intervals should be used, and this schedule repeated monthly.

For whitefly control, 6 treatments at 5-day intervals are required to destroy an infestation.

For leaf roller control, 6 to 8 treatments at weekly intervals will kill adults and young larvae as they develop.

It is recommended that greenhouses containing ornamentals susceptible to insect or mite attack be treated with this preparation on a routine basis, even if no apparent insect infestation exists. This is in accordance with good preventative control practices.

CAUTION: FOR USE BY TRAINED OPERATORS ONLY. TO AVOID DAMAGE TO PLANTS, DO NOT MIST WHEN THE INSIDE TEMPERATURE EXCEEDS 80° F., OR UNDER CONDITIONS OF HIGH HUMIDITY, OR WHEN BLOSSOMS OR FOLIAGE ARE WET. VAPONA MAY BE INJURIOUS TO CERTAIN VARIETIES OF CHRYSANTHEMUM AND ROSES. HOWEVER, IT IS EFFECTIVE AT 65° F. AND IT IS PREFERABLE TO USE IT AT THIS TEMPERATURE ON SENSITIVE VARIETIES.

*LIMITATIONS FOR GREENHOUSE VEGETABLES: 24 hours must be permitted to elapse between time of final treatment and harvesting.

EPA Registration No. 6218-26
EPA Establishment No. 6218-MD-2

SUMMIT CHEMICAL CO.
7657 Canton Center Drive
Baltimore, MD 21224

ACCEPTED
with COMMENTS
NET CONTENTS Letter Dated

SEP 28 1993
Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
6218-26

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DANGER

Organophosphate

ANTIDOTES:

Do not induce vomiting. Do not give anything by mouth to an unconscious person. Get medical attention.

If on skin: Wash immediately with soap and water.

Atropine is antidotal. 2-PAM is also antidotal and may be administered in conjunction with Atropine.

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DANGER:

Poisonous by inhalation, ingestion, or absorption. Rapidly absorbed through skin. Do not get in eyes, on skin, or on clothing. In case of contact, flush skin or eyes plenty of water for at least 15 minutes. For eyes, get medical attention! Do not breathe mist. **DO NOT RE-USE CONTAINER. DESTROY WHEN EMPTY.**

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category "E" on an EPA Chemical Resistance Category Selection Chart.

Applicators and other handlers must wear:

- Coveralls over long-sleeved shirt & long pants
- Chemical-resistant gloves, such as barrier laminate or nitrile rubber or neoprene rubber or viton
- 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-14G)

Follow manufacturer's instructions for cleaning and 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.

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 in a way that will contact workers or other persons, either directly or indirectly 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 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 intervals. 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.

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, or soil, is:

1. Coveralls over long-sleeved shirt and long pants
2. Chemical-resistant gloves, such as barrier laminate or nitrile rubber or viton
3. Chemical-resistant footwear plus socks
4. Protective eyewear
5. Chemical-resistant headgear for overhead exposure.

Notify workers of the application by warning them orally and by posting signs at entrances to treated areas.

METHODS OF APPLICATION

For Use With Mechanical Mist Sprayer Alone (without Poly-Tube System)

1. Close all windows, doors, and ventilators. Shut off all misting systems.
2. Calculate the area in cubic feet of the greenhouse to be treated.
3. Use one (1) fluid ounce of Flora-Fume VAPONA per 3000 cubic feet of space.
4. Pour the exact amount of insecticide needed for the calculated area into the insecticide tank of the mist sprayer.
5. While wearing suitable PPE (see "Personal Protective Equipment" under "Precautionary Statements"), distribute mist through the greenhouse by moving in paths of not more than 50 feet apart swaying the machine from side to side above the plants to assure good coverage. Movement through the greenhouse should be timed so that the mist is distributed uniformly.
6. For best results, the greenhouse should remain closed for 1-1/2 hours after fogging. The house should then be completely ventilated for at least one (1) hour before early re-entry. (See "PPE REQUIRED FOR EARLY ENTRY" above).

For Use With Polyethylene Tube Ventilation System in Combination With Mechanical Mist Sprayer

1. Follow steps 1 through 4 above.
2. Then discharge mist from the mist sprayer directly into the fan intake of the Poly-Tube System. Uniform distribution of the insecticide vapors through the greenhouse will then be assured.
3. Follow step 6 above.

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STORAGE AND DISPOSAL

STORAGE:

Store in a cool, dry place. Do not store near heat or open flame.

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 offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

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