

R23 # 6218 FU
 PM 15
 800 / 15 2737
 12

OCT 15 1986

Mr. L.E. Kase
 Summit Chemical Company
 7657 Canton Center Drive
 Baltimore, MD 21224

Dear Mr. Kase:

Subject: Updated Draft Labeling
 Flora-Fume Vapona
 EPA Registration No. 6218-26
 Your Resubmission Dated May 30, 1985

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. Refer to the label revisions required to be made for your "Mushroom House Fogging Insecticide Product" and make the same revisions for this product.
2. The Confidential Statement of Formula submitted on the above date is acceptable and a copy has been included in your file for this product.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

86128:LaRocca:LR-13:KENCO:7/1/86:7/10/86:dej:LMF

CONCURRENCES							
SYMBOL ▶							
SURNAME ▶							
DATE ▶							

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

Enclosure

1 3/5

Flora-Fume
VAPONA®

GREENHOUSE MISTING INSECTICIDE

ACTIVE INGREDIENTS	10%
Dichlorvos (2,2-Dichlorovinyl dimethyl phosphate)....	9.3%
Related Compounds.....	0.7%
INERT INGREDIENTS	90%

ACCEPTED
with CDG IF NTS
by EPA Label 10-1-66


OCT 15 1966

Flora-Fume Insecticide
Fungicide and Miteicide Act
as a pesticide for the pesticide
registered under EPA Reg. No.

6218-26

KEEP OUT OF REACH OF CHILDREN

DANGER — POISON



SEE LEFT PANEL FOR ANTIDOTES AND CAUTIONS

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

HIGHLY 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, Chrysanthemum Leaf Miners, and Leaf Rollers

RECOMMENDATIONS

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

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

For white-fly control, six (6) treatments at five (5) day intervals are required to destroy an infestation.

For leaf roller control, six (6) to eight (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 GREENHOUSES 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 OR 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.

A PRODUCT OF
SUMMIT
BALTIMORE MARYLAND
CHEMICAL CO.

RIGHT PANEL

FLORA-FUME VAPONA®

DIRECTIONS FOR USE

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

RE-ENTRY STATEMENT

Before re-entering, the greenhouse should be completely ventilated for at least one hour.

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 dispose of in a sanitary landfill or by other approved State and local procedures.

PREPARATION OF GREENHOUSE

1. Close all windows, doors and ventilators. Shut off all misting systems.
2. Take all precautions necessary to prevent unprotected persons from entering the treated area.

METHODS OF APPLICATION

- A. For Use With Mechanical Mist Sprayer Alone (without Poly-Tube System)
 1. Calculate the area in cubic feet of the greenhouse to be treated.
 2. Use one (1) fluid ounce of FLORA-FUME GREENHOUSE MISTING INSECTICIDE per 3000 cubic feet of space.
 3. Pour the amount of insecticide needed for the calculated area into the formulation tank of the mist sprayer.
 4. While wearing a suitable gas mask (see "Precautions") and protective clothing, 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.
 5. For best results, the greenhouse should remain closed for at least 1½ hours after misting.
- B. For Use With Polyethylene Tube Ventilation System in Combination With Mechanical Mist Sprayer.
 1. Follow steps 1 through 3 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 5 above.

NET CONTENTS - 1 GALLON

STATEMENT OF PRACTICAL TREATMENT:

If swallowed - Call a physician or poison control center immediately. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

If inhaled - Remove victim to fresh air and apply respiration if indicated.

If on skin - Remove all contaminated clothing and wash with soap and water. If signs of cholinesterase inhibition appear, or if irritation persists, get medical attention.

If in eyes - Flush with plenty of water. If irritation persists, get medical attention.

NOTE TO PHYSICIAN:

POISONING SYMPTOMS: Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive pin-point pupils, salivation, sweating, nausea, vomiting, diarrhea, and abdominal cramps.

TREATMENT: Atropine is the specific therapeutic antagonist of choice against parasympathetic nervous stimulation. If there are signs of parasympathetic stimulation, Atropine Sulfate should be injected at 10-minute intervals in doses of 1 to 2 milligrams until complete Atropinization has occurred. 2-PAM is also antidotal and may be administered in conjunction with Atropine. Morphine is contraindicated. Clear chest by postural drainage. Observe patient continuously for 48 hours. Repeated exposure to cholinesterase inhibitors may, without warning, cause prolonged susceptibility to very small doses of any cholinesterase inhibitor. Allow no further exposure until time for cholinesterase-regeneration has been allowed as determined by blood test.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS

DANGER

Do not get in mouth, fatal if swallowed, inhaled or absorbed through skin. Wear rubber gloves while filling, running or emptying machine. Do not get liquid in eyes. Avoid contact with skin, eyes, or clothing. Wear protective clothing. Wash hands, arms and face with soap and water after handling and before eating or smoking. Do not contaminate food products by direct contact with liquid. Persons exposed to DDVP vapors during treatment should wear a protective respiratory device of a type approved by the Mining Enforcement and Safety Administration and the National Institute for Occupational Safety and Health under the provisions of 30 CFR, Part II, for protection against dichlorvos insecticide.

ENVIRONMENTAL HAZARDS

Keep out of any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

PHYSICAL OR CHEMICAL HAZARDS

Not for use or storage in or around the home. See side panel for statement of practical treatment and note to physician.

1 of 5

7/11/86 6218-26
300 / 152737
12

OCT 15 1986

Mr. L.E. Kase
Summit Chemical Company
7657 Canton Center Drive
Baltimore, MD 21224

Dear Mr. Kase:

Subject: Updated Draft Labeling
Flora-Fume Vapona
EPA Registration No. 6218-26
Your Resubmission Dated May 30, 1985

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:
 - a. Refer to the label revisions required to be made for your "Mushroom House Fogging Insecticide Product" and make the same revisions for this product.
2. The Confidential Statement of Formula submitted on the above date is acceptable and a copy has been included in your file for this product.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment.

86128:LaRocca:LR-13:KENCO:7/1/86:7/10/86:dej:LMF

CONCURRENCES							
SYMBOL ▶							
SURNAME ▶							
DATE ▶							

2 of 5
If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (TS-767C)

Enclosure

3075

Flora-Fume

VAPONA®

GREENHOUSE MISTING INSECTICIDE

ACTIVE INGREDIENTS	10%
Dichlorvos (2,2-Dichlorovinyl dimethyl phosphate)....	9.3%
Related Compounds.....	0.7%
INERT INGREDIENTS	90%

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 15 1986

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

6218-26

KEEP OUT OF REACH OF CHILDREN

DANGER — POISON



SEE LEFT PANEL FOR ANTIDOTES AND CAUTIONS

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

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

ORNAMENTALS

Roses, Chrysanthemums, Carnations,
Snapdragons

VEGETABLES*

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, Chrysanthemum Leaf Miners, and Leaf Rollers

RECOMMENDATIONS

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

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

For white-fly control, six (6) treatments at five (5) day intervals are required to destroy an infestation.

For leaf roller control, six (6) to eight (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 GREENHOUSES 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 OR 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.

A PRODUCT OF
SUMMIT
BALTIMORE MARYLAND
CHEMICAL CO.

RIGHT PANEL

FLORA-FUME VAPONA®

DIRECTIONS FOR USE

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

RE-ENTRY STATEMENT

Before re-entering, the greenhouse should be completely ventilated for at least one hour.

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 dispose of in a sanitary landfill or by other approved State and local procedures.

PREPARATION OF GREENHOUSE

1. Close all windows, doors and ventilators. Shut off all misting systems.
2. Take all precautions necessary to prevent unprotected persons from entering the treated area.

METHODS OF APPLICATION

- A. For Use With Mechanical Mist Sprayer Alone (without Poly-Tube System)
 1. Calculate the area in cubic feet of the greenhouse to be treated.
 2. Use one (1) fluid ounce of FLORA-FUME GREENHOUSE MISTING INSECTICIDE per 3000 cubic feet of space.
 3. Pour the amount of insecticide needed for the calculated area into the formulation tank of the mist sprayer.
 4. While wearing a suitable gas mask (see "Precautions") and protective clothing, 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.
 5. For best results, the greenhouse should remain closed for at least 1½ hours after misting.
- B. For Use With Polyethylene Tube Ventilation System in Combination With Mechanical Mist Sprayer.
 1. Follow steps 1 through 3 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 5 above.

NET CONTENTS - 1 GALLON

5045-
STATEMENT OF PRACTICAL TREATMENT:

If swallowed - Call a physician or poison control center immediately. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

If inhaled - Remove victim to fresh air and apply respiration if indicated.

If on skin - Remove all contaminated clothing and wash with soap and water. If signs of cholinesterase inhibition appear, or if irritation persists, get medical attention.

If in eyes - Flush with plenty of water. If irritation persists, get medical attention.

NOTE TO PHYSICIAN:

POISONING SYMPTOMS: Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive pin-point pupils, salivation, sweating, nausea, vomiting, diarrhea, and abdominal cramps.

TREATMENT: Atropine is the specific therapeutic antagonist of choice against parasympathetic nervous stimulation. If there are signs of parasympathetic stimulation, Atropine Sulfate should be injected at 10-minute intervals in doses of 1 to 2 milligrams until complete Atropinization has occurred. 2-PAM is also antidotal and may be administered in conjunction with Atropine. Morphine is contraindicated. Clear chest by postural drainage. Observe patient continuously for 48 hours. Repeated exposure to cholinesterase inhibitors may, without warning, cause prolonged susceptibility to very small doses of any cholinesterase inhibitor. Allow no further exposure until time for cholinesterase-regeneration has been allowed as determined by blood test.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS

DANGER

Do not get in mouth, fatal if swallowed, inhaled or absorbed through skin. Wear rubber gloves while filling, running or emptying machine. Do not get liquid in eyes. Avoid contact with skin, eyes, or clothing. Wear protective clothing. Wash hands, arms and face with soap and water after handling and before eating or smoking. Do not contaminate food products by direct contact with liquid. Persons exposed to DDVP vapors during treatment should wear a protective respiratory device of a type approved by the Mining Enforcement and Safety Administration and the National Institute for Occupational Safety and Health under the provisions of 30 CFR, Part II, for protection against dichlorvos insecticide.

ENVIRONMENTAL HAZARDS

Keep out of any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

PHYSICAL OR CHEMICAL HAZARDS

Not for use or storage in or around the home. See side panel for statement of practical treatment and note to physician.