

PM113

1327-36

145 File



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

MAR 23 1994

Fuller Systems, Inc.  
226 Washington Street  
Woburn, MA 01801

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 10/28/93 in Response to PR Notice 93-7  
EPA Reg. No. 1327-36  
Fulex DDVP Fumigator

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

**WHAT THIS ACCEPTANCE MEANS:**

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (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 not been reviewed or 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:**

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
- AND
- WITHIN one year from date of this acceptance.



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

2/15

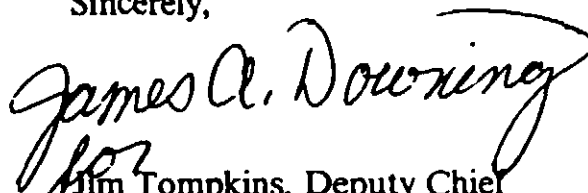
Submit the final printed labeling via the U.S. Postal Service to:

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

Hand or courier deliveries of final printed 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,

  
for  
Jim Tompkins, Deputy Chief  
Registration Support Branch  
Registration Division (7505W)

Attachment

**Fulex DDVP Fumigator**  
**EPA Reg. No. 1327-36**

**Comments:**

**User Safety Recommendations must either be placed in a separate box or printed on the label in a contrasting color from surrounding text.**

**Under PRECAUTIONARY STATEMENTS on the container label, include a reference statement to the Personal Protective Equipment listed on the supplemental labeling.**

**Under PRECAUTIONARY STATEMENTS, Hazards To Humans & Domestic Animals the heading "Personal Protective Equipment" is missing from the label. Also, item 6), regarding use of a chemical-resistant apron is not necessary for this product.**

**In the Agricultural Use Requirements box the statement "Entry Restrictions" should read: "Entry by any person - other than a correctly trained and equipped handler who is performing a handling task permitted by the WPS - is prohibited in the entire greenhouse from the start of application until one of the WPS ventilation criteria has been met. The WPS ventilation criteria can not begin until application is complete, i.e., when smoke is no longer being produced.**

**The Notification statement under the Agricultural Use Requirements box must read: "Notify workers of the application by warning them orally and by posting fumigant warning signs at all entrances to the greenhouse. The signs must bear the skull and crossbones symbol and state: (1) "DANGER/PELIGRO", (2) "Greenhouse under fumigation, DO NOT ENTER/NOENTRE", (3) the date and time of fumigation, (4) "[product name] Fumigant in use" and (5) name, address, and telephone number of the applicator." Post the fumigant warning sign instead of the WPS sign for this application, but follow all WPS requirements pertaining to location, legibility, size, and timing of posting and removal."**

need separate  
 label for  
 User Safety  
 Recommendations

**WARNING**

**PRECAUTIONARY STATEMENTS**

*Hazards to Humans and Domestic Animals*

**DANGER:** Fatal if swallowed, inhaled, or absorbed through the skin or eyes. Do not get in eyes or on skin. Do not breathe fumes. Rapidly absorbed through skin.

*User Safety Recommendations*

Do not eat, drink, or use tobacco while using this product. 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.

**PHYSICAL OR CHEMICAL HAZARDS**

Do not operate this can near flammable material.

**STORAGE AND DISPOSAL**

Store this product in a dry place. Igniters may pick up moisture in a damp place. Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or residue 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. Do not contaminate water, food, or feed by storage or disposal. If a container has been used or damaged so that a leak occurs, wrap container in several layers of newspaper securely and place in trash.

**NOTE TO PHYSICIAN-POISONING SYMPTOMS.**

Symptoms include weakness, headache, tightness in chest, blurred vision, nonreactive 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. Morphine is contraindicated. 2-PAM is also antidotal and may be administered in conjunction with Atropine. Clear chest by postural drainage. 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 a blood test.



**Organophosphate**

**For Commercial/Agricultural Use ONLY.**

For controlling Red Spiders, Aphids,  
Whiteflies, Mealybugs.

Net Weight 10.2 ozs. Treats 20,000 cu. ft.

Active Ingredients:

Dichlorvos: 2,2-Dichlorovinyl dimethyl phosphate . . . . .	11.09%
Related Compounds . . . . .	84%
Inert Ingredients . . . . .	88.07%

**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**

**ORGANOPHOSPHATE**

**IF SWALLOWED:** Call a physician or Poison Control Center immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger or if available by administering syrup of ipecac. Do not induce vomiting or give anything by mouth to an unconscious person. **IF INHALED:** Remove victim to fresh air. Give artificial respiration if needed. Get medical attention immediately. **IF ON SKIN:** Remove contaminated clothing and wash affected area immediately with soap and water. Call a physician immediately. **IF IN EYES:** Immediately flush eyes with plenty of water. Call a physician immediately.

**NOTE TO PHYSICIAN**

**POISONING SYMPTOMS-** If signs of cholinesterase inhibition (weakness, headache, chest tightness, blurred vision, salivation, sweating, nausea, vomiting or abdominal cramps) occur, atropine by injection is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

**SEE LEFT SIDE PANEL FOR ADDITIONAL INFORMATION**

**POISON**

Can contain deadly poisonous material which ignited gives off poisonous smoke and vapors.

**Do not use until after reading supplementary instruction sheet.**

**DIRECTIONS FOR USE**

**IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.** Refer to the sheet entitled "Supplemental Labeling for Fulex DDVP Fumigator" for complete instructions for worker protection, use directions and reentry.

**AGRICULTURAL USE REQUIREMENTS**

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

**NOTICE TO PURCHASER**

Not for use or storage in or around the home. Seller's guaranty shall be limited to the terms of the label, and subject thereto the buyer assumes any risk to persons or property arising out of use or handling and accepts the product on these conditions.

Manufactured by  
 FULLER SYSTEM, INC. WOBURN, MASS. U.S.A.  
 EPA Reg. No. 1327-36  
 EPA Est. No. 1-1327-MA-01

**ACCEPTED**  
 with **COMMENTS**  
 In EPA Letter Dated

MAR 23 1977

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

**BEST AVAILABLE COPY**

1327-36

Notify local Fire Department before fumigating.

## 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), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

*Greenhouse*  
**Entry Restrictions:** Entry by any person ~~other than a correctly trained and equipped handler who is performing a WPS-defined handling task~~ is PROHIBITED in the entire enclosed area from the start of application until one of the WPS ventilation criteria has been met. The WPS ventilation criteria and ~~REI~~ do not begin until application is complete, i.e., when smoke is no longer being produced.

*ca)*  
**PPE for Entry During the Restricted Entry Interval:** PPE for entry by handlers into smoke-treated greenhouses before WPS ventilation criteria have been met is listed in the "Hazards to Humans and Domestic Animals" section of this labeling.

**Notification:** Notify workers of the application by warning them orally and by posting warning signs outside all entrances to the greenhouse.

### USE RESTRICTIONS

At start of fumigation, greenhouse temperature should be between 70 F and 85 F. Foliage and blossoms must be dry. Avoid fumigating on rainy or windy days. It is advisable to avoid fumigating on days which have been preceded by several days of cloudy or rainy weather. Do not drop temperature suddenly when ventilating as this may cause undesirable moisture condensation.

### PREAPPLICATION INSTRUCTIONS

Close all greenhouse vents prior to use. Do not place generators on wood or other flammable materials as fire hazard may result. Turn off misting systems. Keep generators a minimum of 2 feet away from plants. Temperatures in the greenhouse must be between 70 Degrees F to 90 Degrees F (21.1 Degrees C to 32.2 Degrees C). Foliage and blooms should be free of moisture and relative humidity should be low. Soil should be moist but do not water on the day of application. Do not apply on rainy or windy days. Pick open blooms before applications. Calculate volume in cubic feet of greenhouse space to be treated in order to determine amount of product required for application. Use only this amount.

**Carbon or Fly Ash:** The larger size cans may throw particles of carbon into the air nearby under certain conditions. If this becomes objectionable, we suggest placing the cans on their sides before lighting. Face them all in one direction (away from the greenhouse exit) lengthwise in the walk. Insert sparkler in the usual manner by igniting the cans while on their sides. Where the greenhouse being fumigated is large enough to require that generators be placed in more than one walk, it is recommended that one person be assigned to light the generators in each walk starting at the end farthest from the exit, so that the fumigation in each walk may start simultaneously and all persons exit from the house simultaneously.

### APPLICATION DIRECTIONS

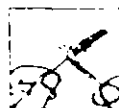
1. Determine the proper number of cans needed.
2. Shake each can.
3. Distribute the cans in the center aisle of an ordinary greenhouse, AWAY FROM FLAMMABLE MATERIALS, in the following manner: one can within 10 feet of the ends of the greenhouse and the remaining cans spaced equidistant throughout the length of the greenhouse. As you space the cans in their proper positions, you should unscrew and remove top covers. After cans have been properly distributed prior to ignition, use a match or a cigarette lighter and light the sparkler at the bottom near the handle end so that it will burn toward the top end of the sparkler. Then, after the sparkler is lighted, insert it into the top inch of the contents of the can. The first can ignited should be the farthest one from the exit to the greenhouse. Proceed to the next can, etc. until all cans are ignited; then get out of the greenhouse IMMEDIATELY.

### REPEAT APPLICATIONS

One or two repeat applications at an interval of about one week should be used to clean up severe infestations. Resistant white flies may require 4 or 5 treatments from 3 to 5 days apart plus increased dosages if necessary.



**STEP 1**  
Space cans in greenhouse center walk (or in a walk nearest the center) as shown. Remove tops of cans when placing them in position for lighting.



**STEP 2**  
Start with can farthest from exit light sparklers as shown (at handle end).



**STEP 3**  
Insert lighted sparkler deeply into contents of can. Then proceed to next can light sparkler until all cans are ignited.

FULEX DDVP FUMIGATOR

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SUPPLEMENTARY DATASHEET