

PM14

1327-38

File 1985



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

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. 1327-38
Fulex Dithio Insecticidal Smoke

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

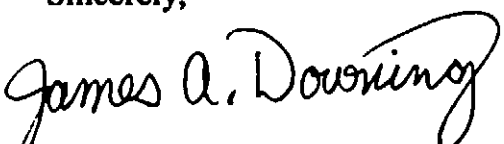
Submit the final printed labeling via the U.S. Postal Service to:

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 Dithio Insecticidal Smoke
EPA Reg. No. 1327-38

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."

DANGER

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 breath fumes. Rapidly absorbed through skin.

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.

PHYSICAL OR CHEMICAL HAZARDS
 Do not operate this can near flammable material.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.
STORAGE: Store only in original container, in a dry place inaccessible to children and pets and away from domestic dwellings. Ignitons may pick up moisture in a damp place.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or residue is a violation of Federal Law. If these wastes are not disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedure approved by state and local authorities.

add referral statement

RESTRICTED USE PESTICIDE

Due to Very High Acute Inhalation Toxicity to Humans.

For retail sale and use only by Certified Applicators or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification.

STOP: BEFORE USING, READ THE PRODUCT LABEL AND SUPPLEMENTAL LABELING FOR FULX DITHIO INSECTICIDAL SMOKE.

This can not for distribution and resale separately.

Fulx

Dithio Insecticidal Smoke

ORGANOPHOSPHATE

For Commercial/Agricultural Use ONLY

Net Weight 7oz Treats 20,000 Cu Ft

Active Ingredients

0,0,0,0-Tetraethyl dithiopyrophosphate

Inert Ingredients

14%

86%

KEEP OUT OF REACH OF CHILDREN

DANGER PELIGRO

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, preferably mouth-to-mouth. Get medical treatment 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: Symptoms include weakness, headache, tightness in chest, blurred vision, nonreactive pin point pupils, salivation, nausea, vomiting, diarrhea and abdominal cramps.

PHYSICIAN'S 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 PAA 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.

SEE LEFT SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS



POISON
 Can contain deadly poisons. Ignited gives off poisonous fumes. DO NOT USE UNTIL YOU READ THE SUPPLEMENTARY INFORMATION.

DIRECTIONS

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER NOT CONSISTENT WITH THE DIRECTIONS. Refer to the supplementary Labeling for "Agricultural Use" and "Directions for worker protection, and reentry."

AGRICULTURAL USE REQUIREMENTS

Use this product in accordance with its labeling and the Federal Insecticide, Fungicide, and Rodenticide Act. Refer to supplementary Labeling for "Agricultural Use" and "Directions for Use." For more information about this statement, see the supplementary Labeling.

NOTICE TO BUYER

Seller's warranty shall be void if the label, and subject there to, is altered, tampered with, or otherwise rendered improper handling and use of these conditions.

Manufacturer: FULLER S. WOBURN, MA
 EPA Registered: FULLER S. WOBURN, MA
 EPA Establishment No. 1327-38

ACCEPTED with COMMENTS In EPA Letter Dated 12/23/1001

BEST AVAILABLE COPY

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 1327-38

DIRECTIONS FOR USE

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

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.

See comments **USE RESTRICTIONS**

For use ONLY in greenhouses on these sites: Azeleas, Carnations, Chrysanthemums, Geraniums, Roses, Snapdragons, and poinsettias. For use ONLY against these pests: red spider, thrips, aphids, white flies, mealy bugs, and soft brown scale. Do not use on edible plants.

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 deep into 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

Repeat applications at an interval of 3 days should be used to clean up severe infestations.



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
Starting 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 another sparkler, etc. until all cans are ignited.

FULEX DITHIO SMOKE

BEST AVAILABLE COPY

SUPPLEMENTARY DATASHEET

** See accompanying letter re: ...*