

Reg # 1327-41

PM-32

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US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 1327-41	DATE OF ISSUANCE 18 MAY 1984
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT Fulex Nicotine Fumigator	

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION
 (Under the Federal Insecticide, Fungicide,
 and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Fuller System, Inc.
 225 Washington Street
 Woburn, MA 01801

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the labeling changes listed below before you release the product for shipment:

- a. Add the phrase "EPA Registration No. 1327-41."
- b. In the center panel of the label, change the heading "Antidote" to read: "Statement of Practical Treatment (First Aid)".

3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

ATTACHMENT IS APPLICABLE

BEST AVAILABLE COPY

SIGNATURE OF APPROVING OFFICIAL _____ DATE **18 MAY 1984**

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 of the label is enclosed for your records.

Sincerely,



Ruth G. Douglas
Product Manager (32)
Antimicrobial Program Branch
Registration Division (7505C)

)
Enclosures

)

BEST AVAILABLE COPY

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ACCEPTED
with COMMENTS
in EPA Letter Dated:

19 MAY 1994

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

1327-41

DANGER

PRECAUTIONARY STATEMENTS

Hazards To Humans And Domestic Animals

Refer to Personal Protective Equipment Section of Supplementary Document

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.

PHYSICAL OR CHEMICAL HAZARDS

Do not operate this can near flammable or combustible material.

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.

STORAGE AND DISPOSAL

STORAGE: Store in a dry, well ventilated area away from heat and direct sunlight. Do not contaminate water, food or feed by storage, use or disposal of this pesticide. **DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide or insecticide is a violation of Federal Law. If these wastes cannot be disposed of by use according to label directions, contact your State Pesticide or Environmental Control Agency or the hazardous waste representative of your EPA Regional Office for guidance. Do Not Reuse Container. Wrap thoroughly in newspaper and discard in trash when empty.

ENVIRONMENTAL HAZARD STATEMENT

This pesticide is toxic to fish and aquatic organisms. Do not contaminate water by cleaning of equipment or disposing of wastes. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollution discharge Elimination Permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer systems without previously notifying the sewerage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

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.

Fulex
NICOTINE
FUMIGATOR

For use in greenhouse ONLY. Gives efficient results on greenhouse aphids and root trips.

Net Weight 12 ounces Treats 20,000 cu. ft.

Active ingredient: Nicotine (Alkaloid).....14%
Inert ingredients.....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.)

ANTIDOTE

If swallowed: Call a physician or Poison Control Center. 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.

Give artificial respiration if breathing has stopped. Poisonous by Swallowing, Inhalation or Skin Contact. Do not breathe fumes. Do not get in eyes, on skin or on clothing. In case of contact, immediately flush skin of eyes with plenty of water for at least 15 minutes; for eyes, get medical attention. Remove and wash clothing before re-use.

(See back panel for additional warning.)

DANGER

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

DIRECTIONS FOR USE

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

AGRICULTURAL USE REQUIREMENTS

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

DANGER

DO NOT USE ON EDIBLE FOOD CROPS EXCEPT AS FOLLOWS:
TOMATOES: Allow 1 day between treatment and harvest.
CUCUMBERS: Allow 1 day between treatment and harvest.
LETTUCE: Allow 5 days between treatment and harvest.

NON-WARRANTY

Seller's guarantee shall be limited to the terms of the label, and seller assumes no liability for any loss or damage to the buyer arising out of handling and accepts the product on these conditions.

FULLER SYSTEM, INC., WOBURN, MASS. U.S.A.
E.P.A. Reg. No. 1327-41
E.P.A. Est. No. 01327-MA-01

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DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its label. Notify local Fire Department before fumigating.

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 1327-41

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.

Entry Restrictions: Entry by any person -- other than a correctly trained and equipped handler who is performing a 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.

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 fumigant warning signs at all entrances to the greenhouse. These signs must bear the skull and crossbones symbol and state: (1) "DANGER/PELIGRO", (2) "Greenhouse under fumigation, DO NOT ENTER/NO ENTRE", (3) The date and time of fumigation, (4) "Fulex Nicotine Fumigant in use" and (5) name, address and telephone number of an applicator." Post the fumigant sign for this application, but follow all WPS requirements pertaining to location, legibility, size and timing of posting and removal."

USE RESTRICTIONS

Do not fumigate violets.

PREAPPLICATION INSTRUCTIONS

Close all greenhouse vents prior to use. Block or barricade entries and post warning signs. 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 fumigations in one week if necessary.



STEP 1
Space 1 can 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 one hole of can. Then proceed to next can light another sparkler, etc. until all cans are ignited.

FULEX NICOTINE FUMIGATOR

SUPPLEMENTARY DATASHEET

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