

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (TS-767)
WASHINGTON, DC 20460

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

EPA REGISTRATION NO.
8241-10

DATE OF ISSUANCE
9-17-91

TERM OF ISSUANCE

NAME OF PESTICIDE PRODUCT

Planture 103 Smoke Generator

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Plant Products Corp.
P.O. Box 1149
5051 41st Street
Vero Beach, FL 32961

S 402627 $\frac{161}{18}$

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) on the condition that:

1. You continue to support the reregistration of the active ingredient in this product, Sulfotepp, according to FIFRA sec. 3(c) (5) and sec. 4 under the same timetable as the other affected registrant of this List A pesticide. Questions about completing future requirements of reregistration should be directed to the Case Review Manager for this active: Richard King (703-308-3052).

2. Unless EPA approves a new Confidential Statement of Formula (CSF), showing another valid source for the active ingredient, the only source of technical Sulfotepp for this product would be your cancelled source (EPA Reg. No. 8241-5), as claimed on your CSF of July 18, 1991. These stocks would have existed on or before March 1, 1990, the last date allowed for shipping stocks of products cancelled because of failure to pay the 1989 Fee Maintenance Bill.

3. This registration will automatically expire on April 1, 1992, unless before that time the Agency approves a new CSF as explained in Paragraph 2 above. However, if Fuller System Inc. and Plant Products Corp. fail to support the reregistration of Sulfotepp in a timely fashion, this product could be subject to a Notice of Intent to Suspend at any time.

☐ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

BEST AVAILABLE COPY

DATE

9-17-91

4. You make the labeling changes listed below before you release the product for shipment:

- a. Add the phrase, "EPA Registration No. 8241-10"
- b. Restructure use directions on Left Panel of Can Label, as follows:

DIRECTIONS FOR USE

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

Refer to attached supplemental labeling for worker protection statement, use directions, and re-entry statement.

- c. Delete ("INSECTICIDES CONTROLLED ... and warranty."
- d. On your supplemental labeling under "DIRECTIONS FOR USE", begin your "USE RESTRICTIONS" as follows:

Notify local Fire Department before fumigating. For greenhouse use ONLY on ornamentals, such as ... Plantfume 101.

- e. Under "PREAPPLICATION INSTRUCTIONS", add "from" after "Keep away".
- f. Delete the last paragraph of your use directions, "It is ... Station."

5. You submit (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.

6. You submit a Storage Stability test (63-17) for this product. This study is due October 1, 1993.

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. In any event, this registration will expire on April 1, 1992, unless before that time you submit, and the Agency approves, a new CSF, showing another valid source for the active ingredient in your product, as explained in Paragraph 2 and 3.

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

BEST AVAILABLE COPY

Robert A. Forrest
Product Manager 14
Insecticide-Rodenticide Branch
Registration Division (H-7504C)

Enclosures: 1. Stamped label 2. A-79 Enclosure

CONCURRENCES							
SYMBOL	cc: Richard King (H-7502W)	RM: dbp: CM2: RM221: 557-4407: 9/17/91	Peacock Disk	56(11)			
SURNAME	JB Forrest						
DATE	9/17/91						

Jacket

ACCEPTED
with COMMENTS
in EPA Letter Dated:

SEP 17 1991

**BOX LABEL
TOP OF PANEL

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
8241-10

RESTRICTED USE PESTICIDE:

DUE TO VERY HIGH INHALATION TOXICITY TO HUMANS

For sale to and use only by Certified Applicators or personnel under
direct supervision and only for those uses covered by the
Applicators certification.

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CONTENTS:

1 DOZEN
20,000 CU FT
GENERATORS

TOTAL NET WT

84 OZ

EPA REG. NO 8241-RN
EPA EST. NO. 8241-FL-1

GREENHOUSE USE ONLY ON ORNAMENTALS

PLANTFUME 103

DITHIO SMOKE GENERATORS

Active Ingredient-

O,O,O,O,-tetraethyl dithiopyrophosphate.....15%

Inert Ingredient.....85%

Total.....100%

Poison



Poison

Plant Products Corporation

P.O. Box 1149, 5051 41st St
Vero Beach, Florida 32961

PLANTFUME 103

Smoke Generator
Contains Sulfate.

EPA Est. No 8241-FL-1

EPA Reg. No 8241-4

Active Ingredient-

O,O,O,O,-tetraethylidithiopyrophosphate.....15%

Inert Ingredient.....85%

Total.....100%

Net Weight

7 oz

Treats
20,000 cu ft

FOR USE IN COMMERCIAL GREENHOUSES ONLY
FOR USE ON GREENHOUSE ORNAMENTALS ONLY



DANGER

Keep out of reach of children

POISON



STATEMENT OF PRACTICAL TREATMENT

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.

IF INHALED: remove to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. Get medical attention.

IF ON SKIN: remove contaminated clothing and wash affected area immediately with soap and water. Call a physician immediately.

IF ON EYES: flush with water for at least 15 minutes. Get medical attention.

NOTE TO PHYSICIAN

POISONING SYMPTOMS: Symptoms include weakness, headaches, tightness of chest, blurred vision, nonreactive pin point pupils, salivation, sweating, nausea, vomiting, diarrhea, and abdominal cramps.

PHYSICIANS TREATMENT: Atropine is the specific therapeutic antagonist choice against parasympathetic nervous stimulation. If there are signs of parasympathetic stimulation, Atropine Sulfate should be injected at 10 minute intervals in doses of 1-2 mg until complete atropinization has occurred. Morphine is contraindicated. 2 PAM is also antidotal and may be administered 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.



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PLANT PRODUCTS CORPORATION

MANUFACTURERS OF

Horticultural and Agricultural Products

5051 - 41st Street • P.O. Box 1149

Vero Beach, Florida 32960

**left panel
Basic product can label

Tool Provided



DANGER



**PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS & DOMESTIC ANIMALS
DANGER**

DANGER: Fatal if swallowed, inhaled, or absorbed through skin or eyes. Rapidly absorbed through skin or eyes. Do not breathe vapor, fog, or spray mist. Do not get in eyes, on skin, or on clothing. Wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11. Wear rubber gloves, protective clothing and goggles or face shield when handling. Remove and wash contaminated clothing before reuse. Wash thoroughly after handling and before eating or smoking.

PHYSICAL OR CHEMICAL HAZARD: Do not operate this can near flammable material. Do not incinerate unused or unopened cans.

DIRECTIONS FOR USE: It is a violation of federal law to use this product in a manner inconsistent with its labeling. Refer to attached supplement label for complete instructions, use directions and re-entry.

INSECTICIDES CONTROLLED: Spider mites (red spider), aphids, white fly, and some species of mealy bugs, thrips and soft brown scale on ornamental plants in the greenhouse. Not to be used on crops used for food directly or indirectly. Wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (Formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of CFR Part II.

SYMPTOMS OF POISONING: Pupils of eyes or eye shrink to "pin-point" size. A sense of tightness in chest. Stomach pains, vomiting and diarrhea. Headaches.

Refer to attached supplement label for specific directions for use, use restrictions, pre-application, re-application, procedure, re-entry, and warranty.

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6/9

****right panel**
Basic product can label

Puncture here



POISON



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

DO NOT USE UNTIL AFTER READING SUPPLEMENTARY INSTRUCTION SHEET.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

STORAGE: Store only in original container, in a dry place inaccessible to children and pets and away from domestic dwellings. Igniters may pick up moisture in a damp place.

PESTICIDE DISPOSAL: pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate 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). The offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

WARRANTY STATEMENT

Notice to buyer and user: Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable to Seller and Buyer, and User assumes the risk of any such use. Seller disclaims all other warranties expressed or implied including any warranty or fitness or merchantability. Seller shall not be liable for consequential special or indirect damages resulting from the use or handling of the product and Seller's sole liability and Buyer's and User's exclusive remedy shall be limited to the refund of the purchase price.

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PLANT PRODUCTS CORPORATION

MANUFACTURERS OF

Horticultural and Agricultural Products

5051 - 41st Street • P.O. Box 1149

Vero Beach, Florida 32960

407-567-5261

407-567-7035

1-800-PLANT-VB

FAX: 407-567-2184

SUPPLEMENTAL LABELING FOR PLANTFUME 103 SMOKE GENERATOR A REGISTRATION NO 8241-RN

See Basic product labeling for complete information about ingredients, restriction, precautionary statements, and storage and disposal.

RESTRICTED USE PESTICIDE

Due to Very High Acute Inhalation Toxicity to Humans. For retail sale to and use only by Certified Applicators or personal under their direct supervision, and only for uses covered by the Certified Applicator's Certification.

WORKERS PROTECTION STATEMENT

WEAR THE FOLLOWING PROTECTIVE CLOTHING DURING LOADING, APPLICATION, EQUIPMENT REPAIR, EQUIPMENT CLEANING, EARLY REENTRY TO TREATMENT AREAS, AND DISPOSAL OF PESTICIDE.

Wear a protective suit of one or two pieces that covers all parts of the body except the head, hands, and feet. Wear chemical resistant gloves and chemical resistant shoes, shoe coverings, or boots. Wear goggles and a pesticide respirator approved by the National Institute for Occupational Safety and Health (NIOSH) and the Mine Safety and Health Administration (MSHA) at all times during application and early reentry to treatment areas.

IMPORTANT! Before removing gloves, wash them with soap and water. Always wash hands, face, and arms with soap and water before smoking, drinking, eating, or use of the toilet.

AFTER WORK, that is immediately after completing work with this pesticide, take off all clothing and shoes. Shower using soap and water. Do not reclothe with contaminated clothing and shoes. Wash protective clothing and protective equipment with soap and water after each use. Respirators must be cleaned and filters replaced according to the instructions included with the respirators. Personal clothing worn during use must be laundered separately with household articles. Clothing and protective equipment heavily contaminated, so that routine maintenance with soap and water cannot remove spilled or undiluted sulfotep from any drenched non-chemical-resistant protective suit, must be destroyed according to State and local regulations. HEAVILY CONTAMINATED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED.

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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.

USE RESTRICTIONS

For greenhouse use ornamentals ONLY, such as Azeleas, Carnations, Crysanthemums, Geraniums, Roses, Snapdragons, and Poinsettias (see enclosed list). For use ONLY against these pests: red spider, thrips, aphids, white flies, mealy bugs, and soft brown scale. Do not use on edible plants.

Use on plants with open flowers not recommended, especially geraniums.

(Do not use when temperature is dropping, thereby forming condensation on ceiling, or droplets of water on leaves.

Do not use immediately following foliar feeding.

Application of fertilizers to soil, in reasonable, usual quantities present as known hazard to plants.

Open ventilators 2 to 3 hours after fumigation on tender plants.

"Control of Certain Greenhouse Insecticides and Mites with Tetraethyl Dithiopyrophosphate Smokes" gives comprehensive list of tolerant and non tolerant plants to Plantfume 103.

PREAPPLICATION INSTRUCTIONS

Close all greenhouse vents prior to use. Seal all holes, cracks, or openings in glass. Block or barricade entries and post warning signs, such as "Danger, Keep away Area treated with fumigant." For local and state laws for posting such warning signs consult your state Agricultural Extension Service or Experimental Station. 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. Temperature in the greenhouse just be between 70 Degrees F to 80 Degrees F. 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 fumigate when condensation is high.

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. SHAKE VIGOROUSLY to fluff up or loosen the powder.

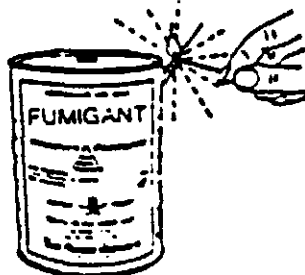
APPLICATION DIRECTIONS

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STEP 1: Calculate number of generators required to fumigate house.
Remove this number from carton and shake contents vigorously

to fluff up or loosen the powder.

- STEP 2: Puncture both triangular marks as indicated on top side of can, using tool furnished. If vertical evolution of smoke is referred, puncture can on top lid instead of sides.
- STEP 3: Insert COATED PORTION of ignitor downward through top to bottom of generator. The bare wire half of ignitor is now fully exposed, plus a small portion of the COATED HALF. NEVER LIGHT IGNITOR FROM THE TIP END AS FIRE WILL RESULT.
- STEP 4: Place cans on walks with punctured holes pointed lengthwise of the walks spaced to furnish equal distribution of smoke. If walks are very wet or are wooden, set cans upon empty flower pots away from flammable material
- STEP 5: Place generators in predetermined locations of greenhouse and ignite, starting with the generator furthest from exit. Ignite that COATED PORTION of the IGNITOR which is partially exposed (see diagram)



- STEP 6: Proceed quickly to next location and repeat lighting operation as outlined in Step 5.

DANGER: Failure to follow directions for lighting generators or misuse can result in sparks and flame causing ignition with nearby flammable materials. KEEP THE IGNITORS TIGHTLY SEALED IN POLYETHYLENE ENVELOPE WHEN NOT IN USE.

The smoke generator will commence to smoke within seconds and the dose will continue to be effective for several hours. Maintain treatment conditions overnight.

It is further recommended that the placards be put on all doors with the following statement. "Danger Keep away Area treated with Fumigant. For local and state laws for posting such warning signs consult your state Agricultural Extension Service or Experimental Station."

REPEAT APPLICATIONS

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Repeat fumigation every three days until greenhouse is absolutely clean and then fumigate as reinfestation appears.

REENTRY STATEMENT

Reentry after applying is restricted until one of the following intervals has elapsed:

- 1) Two hours of ventilztion using fans or other mechanical ventilati n systems.
- 2) Four hours of ventilation using vents, windows, or other passive ventilation system.
- 3) Eleven hours with no ventilation, followed by one hour of mechanical ventilation.
- 4) Eleven hours with no ventilation, followed by two hours of passive ventilation.