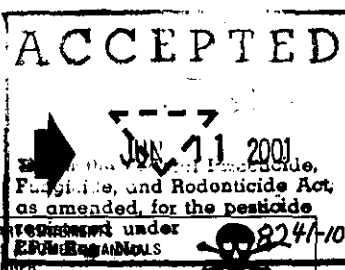


Tool Provided



PRECAUTIONARY STATEMENT under FEDERAL REGULATION DANGER.

Fatal if absorbed through the skin. Fatal if swallowed, and poisonous if inhaled. Do not breathe vapors or spray mist. Do not get on skin or clothing.

REFER TO SUPPLEMENTAL LABEL FOR EARLY ENTRY PRECAUTIONARY STATEMENTS, INCLUDING EARLY ENTRY PPE STATEMENTS.

ENVIRONMENTAL HAZARDS

This pesticide is highly toxic to aquatic invertebrates and wildlife. Birds in treated areas may be killed. Shrimp and other aquatic organisms may be killed at recommended application rates. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame. Not for use or storage in or around the home.

DIRECTIONS FOR USE: It is a violation of federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for State regulation.

"AGRICULTURAL USE REQUIREMENTS" Use of 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. **REFER TO ATTACHED SUPPLEMENTAL LABELING FOR WORKER PROTECTION STATEMENT, USE DIRECTIONS, AND RE-ENTRY STATEMENT.**

"ENTRY RESTRICTIONS" Entry by any person -- other than a correctly trained and equipped handler who is performing a WPS-defined task -- 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. **SEE SUPPLEMENTAL LABEL FOR EARLY ENTRY PPE STATEMENTS.**

RESTRICTED USE PESTICIDE
(Due to very high dermal and inhalation toxicity, no form of this pesticide and use only by certified applicators or persons under the direct supervision and only for those uses covered by the certified applicator's certification.)

PLANTFUME 103™ **Smoke Generator** Contains Sulfotepp Organophosphate

ACTIVE INGREDIENT	
O,O,O,O'-Tetraethyl Dithiopyrophosphate	15%
INERT INGREDIENTS	85%
TOTAL	100%

FOR USE IN COMMERCIAL GREENHOUSES ONLY ON ORNAMENTALS ONLY

DANGER **KEEP OUT OF REACH OF CHILDREN** **PELIGRO**
POISON

DO NOT USE UNTIL AFTER READING SUPPLEMENTARY INSTRUCTION SHEET.
Should be enclosed in a package, having a self-sealing top and a package labeled in detail with the name and use of the product. Do not use unless the package is sealed in detail.

FIRST AID
If a doctor is available, inform him or her of the chemical name, Sulfotepp, and describe the condition. After first aid is given, use judgment to decide if you should seek medical attention. Do not use unless you are trained to do so. Do not use unless you are trained to do so. Do not use unless you are trained to do so. Do not use unless you are trained to do so.

NOTE TO PHYSICIAN
Antidote: Administer atropine disulfate in large doses. TWO TO FOUR mg. intravenously or intramuscularly as soon as cyanosis is overcome. Repeat at 5 to 10-minute intervals until signs of atropinization appear. 2-pam chloride is also indicated and may be administered in conjunction with atropine. DO NOT GIVE MORPHINE OR TRANQUILIZERS. Sulfotepp is a strong cholinesterase inhibitor affecting the central and peripheral nervous system and producing cardiac and respiratory depression. At first sign of pulmonary edema, the patient should be given supplemental oxygen and treated symptomatically. Continued absorption of the poison may occur and fatal relapse have been reported after initial improvement. **VERY CLOSE SUPERVISION OF THE PATIENT IS INDICATED FOR AT LEAST 48 HOURS.** Use of this product after September 30, 2004, is prohibited.

Puncture Here
POISON
This contains deadly, poisonous material which when ignited gives off poisonous smoke and vapors.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Do not store under conditions which might adversely affect the container or its ability to function properly.

STORAGE: Do not store below temperature of 0 °F. 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.

CONTAINER DISPOSAL: Triple rinse (or equivalent), then 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 purposes 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 of 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.

EPA Registration No. 8241-10 Net Weight Treats
EPA Establishment No. 8241-FL-1 7 oz. 20,000 cu. ft.

PLANT PRODUCTS CORPORATION
P.O. Box 1149
Vero Beach, FL 32961

8241-10

06/11/2001

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Plant Products Corporation

P.O. Box 1149 * 5051 41st Street
Vero Beach, FL 32961
561-567-7035 * Fax: 561-567-2184

SUPPLEMENTAL LABELING FOR PLANTFUME 103 SMOKE GENERATOR EPA REGISTRATION NO. 8241-10

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 and Dermal Toxicity to Humans. For retail sale to and use only by certified applicators and only for those uses covered by the applicator's certification. Use by non-certified applicators, even those under the direct supervision of a certified applicator is prohibited.

WORKER PROTECTION STATEMENT

Precautionary Statements: Hazards to Humans and Domestic Animals

Personal Protective Equipment: Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, natural rubber ≥ 14 mils, polyethylene, polyvinyl chloride ≥ 14 mils, and viton ≥ 14 mils. Applicators and other handlers must wear:

- Long-sleeved shirt & long pants
- Shoes plus socks
- Chemical-resistant gloves
- NIOSH-approved air-supplying respirator that is one of the following types:
 - a supplied-air respirator (MSHA/NIOSH approval number prefix TC-19C) or
 - a self-contained breathing apparatus (SCBA) (MSHA/NIOSH approval number prefix TC-13F).

EXCEPTION: Handlers are permitted to wear a NIOSH-approved organic-vapor-removing respirator (see types below) instead of an air-supplying respirator provided they meet one of the following criteria: (1) the handler will ignite five or fewer canisters and will be in the greenhouse for less than 10 consecutive minutes starting when the first canister is ignited OR (2) the handler will enter the treated greenhouse to operate ventilation equipment after application is complete (smoke is no longer being generated) but before full ventilation has taken place and will remain in the treated greenhouse for less than 10 consecutive minutes.

The NIOSH-approved organic-vapor-removing respirator must be equipped with:

- an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or
- a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G, or
- a NIOSH-approved organic vapor cartridge or a canister equipped with any N2, R, P, or HE prefilter.

This organic-vapor cartridge must be replaced with a new organic-vapor cartridge and new HEPA prefilter just prior to each use in sulfotepp-treated areas.

PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS

User Safety Requirements

In addition, any handler who handles this product in a greenhouse, including a handler who enters the greenhouse before the ventilation criteria have been met to initiate ventilation, must maintain continuous visual or voice contact with another handler. That other handler must have immediate access to the PPE required on this labeling for handlers in the event entry into the fumigated greenhouse becomes necessary for rescue.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE 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.

DIRECTIONS FOR USE

- Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.
- For use in commercial greenhouses only. Use in residential greenhouses or other indoor plant sites is prohibited.
- Do not apply this product to a greenhouse that is attached to another structure, including another greenhouse, unless the greenhouse to be treated is entirely sealed off from the other structures.
- Do not apply this product in any greenhouse that is located within 100 feet in any direction of a residential area (e.g., homes, apartments, schools, playgrounds, recreation areas).
- Entry to a treated structure by retail customers is prohibited for 48 hours after treatment or until initial ventilation criteria have been met.

AGRICULTURAL USE REQUIREMENTS

Initial Ventilation Criteria - Entry (including early entry that would otherwise be permitted under the WPS) by any person - other than a correctly trained and equipped certified applicator who is performing a handling task permitted by the WPS - is PROHIBITED in the entire greenhouse (entire enclosed structure/building) from the start of application until the greenhouse is ventilated as follows: 11 hours with no ventilation followed by (1) 5 air exchanges; (2) 1 hour of mechanical ventilation (fans); or (3) 2 hours of passive (vents) ventilation.

Secondary Ventilation Criteria: After the initial ventilation criteria have been met, workers are permitted to enter the treated greenhouse to perform tasks, including hand labor tasks, *provided* (1) they work in the sulfotepp-treated are no more than 4 hours in the first 24 hours following application; (2) they work in the sulfotepp-treated are no more than 4 hours in the period 24 hours to 48 hours following application; AND (3) for the first 48 hours following application when any worker is present in the treated greenhouse, the greenhouse is ventilated – continuously or intermittently – so that within each hour one of the following ventilation criteria has been met: 2 air exchanges or 5 minutes of mechanical (fans) ventilation, or 10 minutes of passive (vents, windows) ventilation.

NOTIFICATION: 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/NO ENTRE". (3) the date and time of fumigation. (4) Plantfume 103 in use, and (5) name, address and phone 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 the posting and removal.

USE RESTRICTIONS

Notify local Fire Department before fumigating. For greenhouse use ONLY on ornamental ONLY such as Azalea, Carnations, Chrysanthemums, Geraniums, Roses, Snapdragons, and Poinsettias (see enclosed list). For use ONLY against these pests: red spider, thrip, aphids, whiteflies, 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 to known hazard to plants.

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

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

PRE-APPLICATION INSTRUCTIONS

Close all greenhouse vents prior to use. Seal all holes, cracks, or openings in glass. Block or barricade entries and post fumigant warning signs as listed under **Notification**. 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 just 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. Calculate the number of generators required to fumigate house. Remove this number of cans from carton. USE ONLY THIS AMOUNT. SHAKE VIGOROUSLY to fluff up or loosen the powder.

APPLICATION DIRECTIONS

(1) All entries to the structure must be posted with the required fumigant warning signs.

(2) All greenhouse vents must be closed and all circulating fans must be turned off.

(3) All misting systems must be turned off.

(4) A certified applicator wearing maximum PPE must perform remaining tasks.

(5) Puncture both triangular marks as indicated on topside of can using tool furnished. If vertical evolution of smoke is preferred, puncture can on top lid instead of sides.

(6) Insert coated portion of ignitor downward through top to bottom of generator. So that the coated portion is facing downward with the bare wire portion plus a small part of coated portion remaining exposed.

NEVER LIGHT IGNITOR FROM THE TOP AS FIRE WILL RESULT.

(7) Place each canister in predetermined position in the greenhouse. 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 wooded, set cans on empty clay flowerpots away from flammable material.

(8) After all canisters are set out, the canister furthest from the exit to the greenhouse must be ignited first.

(9) Applicator(s) must wear the appropriate respirator and must be monitored continuously from the start of ignition until the applicator has exited the greenhouse.

(10) If the canisters are placed in parallel walks, rather than one central aisle, one applicator must be assigned to light the canisters in each walk, at least one of which shall be a certified pesticide applicator, so that fumigation starts simultaneously and all applicators exit the greenhouse simultaneously.

(11) Each applicator lights the ignitor in each canister using a hand-held propane torch or butane lighter (not matches or wicked cigarette lighter) that should remain lit for the entire application.

(12) Each applicator continues quickly to the next can until all cans are ignited, then exits the greenhouse immediately.

(13) All entries to the structure must be blocked/barricaded and posted with the required fumigant warning signs.

(14) Entry into the greenhouse to relight ignitors that failed to activate the smoke generator is prohibited (if any smoke generator is activated in the greenhouse) unless the task is performed by a certified applicator wearing the specified personal protective equipment, including an air-supplied respirator or SCBA. The use of an organic-vapor removing respirator is prohibited for this task, regardless of the length of time spent in the treated area.

(15) If circulating fans are used, the fans may not be turned on until after the applicator(s) have exited the greenhouse.

(16) The canister will commence to smoke and the dose will continue to be effective for several hours. Maintain treatment conditions overnight.

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.

Repeat fumigation every three to four days until greenhouse is absolutely clean. No more than four consecutive doses. Fumigate as re-infestation appears.

Use of this product after September, 2004 is prohibited.