

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (75-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.

87-11

DATE OF ISSUANCE

MAY 24 1994

TERM OF ISSUANCE

NAME OF PESTICIDE PRODUCT

Penngas 2 Sterilizing Gas

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Pennsylvania Engineering Company  
1107-21 N. Howard Street  
Philadelphia, PA 19123

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. '87-11"
- b. The label claim for this product should be the nominal concentration which should be 10%. Note that the upper certified limit must be higher than the nominal. Since the lower certified limit is 9.5%, the upper limit should be 10.5%. Submit a revised corrected Confidential Statement of Formula with this change so that your product may be in compliance with 40 CFR 158.175(b)(2).
- c. Revise the statement "Waste should not be discarded. . . and plugs inserted." to read "Waste should not be discarded or released to the environment, but returned to the supplier in cylinders with valves closed and plugs inserted."

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

- d. Revise the statement "Return empty cylinders for reuse with valves closed and plugs inserted." to read "Return empty cylinders to the supplier for reuse with valves closed and plugs inserted."
- 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.

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,



Marshall Swindell  
 Acting Product Manager (31)  
 Antimicrobial Program Branch  
 Registration Division (H7505C)

Enclosures

3043

# PENNGAS 2 STERILIZING GAS

REG. U.S. PAT. OFF. NON-FLAMMABLE  
ETHYLENE OXIDE HCl-C MIXTURE

## PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

The liquified mixture in this container has toxic properties. Use care in handling. Vapor is harmful. Do not breathe gas. Do not get in eyes, on skin, or clothing. Store and use with adequate ventilation.

## PHYSICAL OR CHEMICAL HAZARDS

Liquid and Gas Under Pressure.

**STATEMENT OF PRACTICAL TREATMENT: IF INHALED,** remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

**IN CASE OF CONTACT,** immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Call a physician. Discard contaminated clothing and shoes.

**NOTE TO PHYSICIAN:** Contains ethylene oxide gas mixed with hydrochlorofluorocarbons (HCFCs) to reduce its flammability. Skin exposure may result in skin irritation with blister formation. Skin contact with liquid may result in frostbite. At high concentrations severe conjunctivitis can occur. Irritation of the respiratory tract may occur, but without acute lung edema. Symptoms of systemic intoxication are headache, nausea, vomiting, incoordination, and cardiac irregularities. Treatment is symptomatic. **LEAK:** Evacuate area and keep personnel upwind. Use self-contained breathing apparatus and protective clothing and shut off leak if without risk.

**FIRE:** Use water spray or fog nozzle to keep cylinder cool. Move cylinder away from fire if without risk.

**IN EMERGENCY:**  
CALL CHEMTREC 1-800-424-9300

## STORAGE AND DISPOSAL

**STORAGE:** Do not store over 140°F. (Longer shelf life if stored under 100°F.) Store cylinders upright in a rack or wall to prevent tipping. Cylinders should not be subjected to rough handling or mechanical shock such as dropping, bumping, dragging, or sliding. Do not use rope slings, hooks, tongs, or similar devices to unload cylinders. Transport cylinders using hand truck, fork truck, or other devices to which the cylinder can be firmly secured.

**ACTIVE INGREDIENT**  
ETHYLENE OXIDE 10%  
**INERT INGREDIENTS** 90%

REG. U.S. PAT. OFF. NO. 2,956,708

Keep Out of Reach of Children

## DANGER PELIGRO

**PRESSURIZED NONFLAMMABLE LIQUID AND GAS. HARMFUL IF INHALED, CAUSES EYE AND SKIN BURNS. SUSPECT CANCER HAZARD. ODOR: ETHER-LIKE.**

See Side Panel for Additional Precautionary Statements.

**PRECAUCION AL USUARIO:** Si usted no lee Ingles, no use este producto hasta que la etiqueta la haya sido explicada ampliamente.

**NET CONTENTS:**  
140 POUNDS NET WEIGHT

E.P.A. REG. NO.  
E.P.A. EST. NO. 87-PA-1

Manufactured in U.S.A. by  
**PENNSYLVANIA ENGINEERING COMPANY**

1107-21 N. Howard St.  
Philadelphia, Pa. 19123

Health Care Facilities and Industrial Use

ACCEPTED Only  
with COMMENTS  
in EPA Letter Dated:

MAY 24 1994

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 87-11

**DISPOSAL:** Do not contaminate water, food or feed by storage or disposal.

**Pesticide Disposal:**  
Waste should not be discarded or released to the environment, but returned in cylinders with valves closed and plugs inserted.

**Container Disposal:**  
Return empty cylinders for reuse with valves closed and plugs inserted.

**Pesticide wastes are toxic - Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law - If these wastes cannot be disposed of by use according to label instruction above, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representatives of the nearest EPA Regional Office for guidance.**

## USE ONLY WITH VALVE IN UPWARD POSITION

During and after use areas should be well ventilated. Do not store in temperatures above 140°F.

## DIRECTIONS FOR USE

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

Intended only for use on materials in devices suitable for use in automatic commercial sterilizers. Not intended for use in bench top or portable units. If Equipment Manufacturer's Instruction should be followed for cycle times and operating procedures. The general information provided in the label is to augment these recommendations for use.

Remove seal. Unscrew plug, turn clockwise (this is a left hand thread). This cylinder can only be connected with a male 5/16 left-hand threaded or left. Insert sterilizer outlet in opening at tighten thread, turning counter-clockwise. When cylinder is not connected to sterilizer and when cylinder is empty, close valve tightly and insert plug and return supplier when empty.

**BEST AVAILABLE COPY**