

HM 22 47870-2

10/9/98

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (E7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg-
Number:

Date of Issuance:

47870-2

OCT 9 1998

Term of Issuance:

Conditional

Name of Pesticide Product:

Propylene Oxide
Technical

NOTICE OF PESTICIDE:
 X Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

ABERCO, Inc.
9430 Lanham-Severn Road
Seabrook, MD 20706

Note: Changes in labeling 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 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.

Registration is in no way to be construed as an endorsement or recommendation of this product by the 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 data 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 and/or cite all data required for registration of your product under FIFRA sec. 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 following label changes:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No. 47870-2".
3. Submit one copy of your final printed labeling before you release this product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA Section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

Signature of Approving Official:

/s/

Date:

OCT 9 1998

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A note about the label is that it does not contain a warranty or limitation of liability section, as most labels do.

A stamped copy of the label is enclosed for your records. If you have any questions about this letter, please contact John Bazuin at (703)305-7381.

Sincerely yours,

Cynthia L. Giles-Parker
Product Manager (22)
Fungicide Branch
Registration Division (7505C)

Attachments: Product label, stamped "Accepted"
A-79 Enclosure

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Propylene Oxide Technical

For Manufacturing Use Only

Active Ingredient: Propylene Oxide 100%
This product contains 6.92 lb of active ingredient per gallon

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or poison control center. Induce vomiting. Never give anything by mouth to an unconscious person. **Note to physician:** Possible mucosal damage may contraindicate the use of gastric lavage.

IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Get medical attention.

IF INHALED: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. If breathing is difficult, give oxygen. Call a Physician.

IF ON SKIN: Wash off with soap and water while removing contaminated clothing and shoes. Call a Physician.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

Manufactured by ABERCO, Inc.
Seabrook, Maryland

Establishment No.

EPA Registration No. 47870-*E*

Net Contents

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

OCT 9 1998

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

47870-2

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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.

This fumigant is a highly hazardous material and should only be used by individuals trained in its proper use. Before using, read and follow all label precautions and directions.

All persons working with this fumigant should be knowledgeable of the hazards of this chemical and be trained in the proper use of required respirator equipment and detector devices, emergency procedures, and uses of this fumigant.

For formulation into End-Use Products to aid in the control of microbiological spoilage and as an insecticidal fumigant for the control of stored product insects. To reduce bacterial and mold contamination in processed spices, cocoa, and processed nutmeats (except peanuts).

NOT FOR USE ON COCOA IN CALIFORNIA

PROTECTIVE CLOTHING AND RESPIRATOR USE

CLOTHING AND EYE PROTECTION

When contact with liquid propylene oxide can occur, such as when opening drums or handling leaks or spills, the following protection must be worn: full body protection including solvent-proof gloves, clothing, hat, apron, boots, and vapor-proof goggles and full face mask if self-contained breathing apparatus (SCBA) is not required. Don't use contaminated clothing until washed. Discard contaminated leather shoes.

RESPIRATORY PROTECTION

If the concentration of propylene oxide in the working area, as measured by a Drager Multi Gas Detector Pump with Dreger tube # 67 28 971-1A (or equivalent) or a Miran 101 Specific Vapor Analyzer (or equivalent - for additional information contact ABERCO), exceeds 20 ppm (4 mg/cubic meter), use of a full-face, self-contained breathing apparatus (SCBA) jointly approved by the Mining Enforcement and Safety Administration (MSHA) and the National Institute for Occupational Safety and Health (NIOSH) or an ambient air breathing apparatus is mandatory.

The use of an approved SCBA or ambient air breathing device is also required when the air level of propylene oxide is not known and/or may be elevated such as in emergency entrance, spills, and leaks.

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PRECAUTIONARY STATEMENTS

HAZARDOUS TO HUMANS AND DOMESTIC ANIMALS

DANGER

CORROSIVE: Causes eye damage and skin burns. Harmful if inhaled or swallowed.

DO NOT GET IN EYES: Wear full face shield and vapor-proof goggles when opening drums or handling product. Avoid touching gloves or hands to eyes after handling until possible residues are washed off of hands. If liquid does get in eyes, flush immediately with water for 15 minutes, seek immediate medical attention.

DO NOT GET ON SKIN OR CLOTHING: Wear protective clothing, rubber gloves, and wash before re-use. Discard contaminated leather shoes. In the event of a splash, spill, or other event which contaminates the skin or clothing, immediately remove contaminated clothing and promptly wash contaminated skin with soap and water. Seek prompt medical attention.

DO NOT BREATHE VAPORS OR FUMES: If the concentration of propylene oxide in the workroom or area exceeds 20 ppm by volume, respiratory protection is mandatory. For respiratory protection, wear a self-contained breathing apparatus (SCBA) of a type jointly approved by the Mining Enforcement and Safety Administration and the National Institute for Occupational Safety and Health or an ambient breathing apparatus.

DRUMS MAY BE UNDER PRESSURE WHEN OPENED: Relieve pressure by slowly opening the small bung in a safe, well-ventilated area, standing upwind if outdoors and with the barrel between you and the nearest point of air exhaust if indoors. If a hissing sound is heard, do not further open the small bung until the hissing sound stops. Continue opening small bung and waiting until any hissing stops. Only when small bung has been completely opened is the pressure to be considered as relieved. See Clothing and Eye Protection section for protective gear that must be worn.

EMPTYING DRUMS

Electrically ground drum. The best procedure is to displace the contents with an inert gas. Care must be taken to see that no appreciable pressure is exerted on the drum. A pressure relief device set to several inches of water should be installed on the inert gas line. For details, read brochure "Propylene Oxide" available from this company.

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DO NOT CONTAMINATE CONTENTS

Hazardous polymerization may occur. **Do not allow foreign material to get into this drum, particularly acidic or alkaline materials.**

STORAGE AND DISPOSAL

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

STORAGE: Store in a well-ventilated, cool, secure area away from heat, flame, sparks, electrical equipment or other ignition sources.

DRUM DISPOSAL: If used drum is filled with an inert gas, the best procedure is to replace bungs immediately after disconnecting drum and give drum to recycler. Otherwise, empty drum may contain explosive vapor and should be filled with water immediately after use. Triple rinse or equivalent, then offer for recycling, or puncture and dispose in a sanitary landfill or by other procedures approved by state and local authorities.

Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray, mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed by label instructions, contact your State Pesticide Environmental Control Agency or the Hazardous Waste representative of the nearest EPA regional office for guidance.

ENVIRONMENTAL HAZARDS

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 Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

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PHYSICAL OR CHEMICAL HAZARDS

EXTREMELY FLAMMABLE: This product is an extreme fire hazard. The flash point is -35°F Tag open Cup and the flammable limits of vapor in air, in percent by volume, are 2.1 lower and 38.5 upper. Keep away from heat, sparks, open flame and heated surfaces.

IN CASE OF FIRE, SPILL, OR LEAK

FIRE: Use carbon dioxide or dry chemical on small fires and "alcohol" foams on large fires. Water spray may be ineffective, but use water to keep exposed drums cool. In advances or massive fires, firefighting should be done from a safe distance or a protected location. Wear self-contained breathing apparatus (SCBA) and full protective clothing.

SPILL OR LEAK: Evacuate immediate area of spill or leak. Use SCBA or combination air-supplied respirator/SCBA for entry into affected area to correct problem. Move leaking or damaged cylinders outdoors or to an isolated location away from sources of ignition, observing strict safety precautions. Work upwind, if possible. Wash fumigant into soil or cover with soil or other absorbent material. Do not permit entry into spill area by unprotected persons until concentration of propylene oxide is determined to be less than 20 ppm.