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|---|--|---|
| United States<br><b>Environmental Protection Agency</b><br>Washington, DC 20460 | <input type="checkbox"/> Registration<br><input checked="" type="checkbox"/> Amendment<br><input type="checkbox"/> Other | OPP Identifier Number<br><h1 style="margin: 0;">231309</h1> |
|---|--|---|

**Application for Pesticide - Section I**

|   |   |  |
|---|---|--|
| 1. Company/Product Number: 47870-1  | 2. EPA Product Manager: C. Giles-Parker | 3. Proposed Classification:<br><input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted  |
| 4. Company/Product (Name): Propylene Oxide  | PM#: 22                                 |  |
| 5. Name and Address of Applicant (Include ZIP Code)<br>ABERCO, Inc.<br>9430 Lanham Severn Road<br>Seabrook, MD 20706<br><br><input type="checkbox"/> Check if this is a new address |   | 6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to:<br><br>EPA Reg. No. _____<br><br>Product Name _____ |

**Section - II**

**NOTIFICATION**

|   |  |
|---|--|
| <input type="checkbox"/> Amendment - Explain below.   | <input type="checkbox"/> Final printed labels in response to Agency letter dated _____ |
| <input type="checkbox"/> Resubmission in response to Agency letter dated <u>MAY 15 1997</u> | <input type="checkbox"/> "Me Too" Application.   |
| <input checked="" type="checkbox"/> Notification - Explain below.                           | <input type="checkbox"/> Other - Explain below.  |

**Explanation:** Use additional page(s) if necessary. (For section I and Section II.)

Notification of Minor Label Changes (addition of a Storage and Disposal statement and advisory language) per PR Notice 95-2

**Section - III**

|   |   |  |  |   |  |
|---|---|--|--|---|--|
| 1. Material This Product Will Be Packaged In:   |   |  |  | 2. Type of Container  |  |
| Child-Resistant Packaging<br><input type="checkbox"/> Yes*<br><input type="checkbox"/> No   | Unit Packaging<br><input type="checkbox"/> Yes<br><input type="checkbox"/> No | Water Soluble Packaging<br><input type="checkbox"/> Yes<br><input type="checkbox"/> No | <input type="checkbox"/> Metal<br><input type="checkbox"/> Plastic<br><input type="checkbox"/> Glass<br><input type="checkbox"/> Paper<br><input type="checkbox"/> Other (Specify) _____ |   |  |
| * Certification must be submitted   |   | If "Yes" Unit Packaging wgt.    No. per container                                      | If "Yes" Package wgt    No. per container  |   |  |
| 3. Location of Net Contents Information<br><input type="checkbox"/> Label <input type="checkbox"/> Container  |   | 4. Size(s) Retail Container  |  | 5. Location of Label Directions<br><input type="checkbox"/> On Label<br><input type="checkbox"/> On Labeling accompanying product |  |
| 6. Manner in Which Label is Affixed to Product<br><input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____<br><input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled |   |  |  |   |  |

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

|                  |   |   |
|------------------|---|---|
| Name: Blane Dahl | Title: Jellinek, Schwartz & Connolly, Inc., Auth. Rep. of | Telephone No. (Include Area Code): (703) 312-8531 |
|------------------|---|---|

**Certification** ABERCO Inc.

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

|                           |   |   |
|---------------------------|---|---|
| 2. Signature:             | 3. Title: Jellinek, Schwartz & Connolly, Inc. Auth. Rep. of ABERCO Inc. | 6. Date Application Received: (Stamped) |
| 4. Typed Name: Blane Dahl | 5. Date: May 12, 1997   |   |

CAS 75-56-0

UN 1280

# Propylene Oxide

## ACTIVE INGREDIENT

Propylene Oxide ..... 100%

This product contains 6.92 lb of active ingredient per gallon

KEEP OUT OF REACH OF CHILDREN

### NOTIFICATION

MAY 15 1997

## 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. 47870-NJ-1  
36592-CA-1

EPA Registration No. 47870-1  
CA Registration No. 47870.00001 AA

Net Contents 366 lbs.

## PRECAUTIONARY STATEMENTS HAZARDOUS TO HUMANS & DOMESTIC ANIMALS

### DANGER

**CORROSIVE:** Causes eye damage and skin burns. Harmful or fatal if 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 and 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.



5017

### 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 trained in the proper use of required respirator equipment and detector devices, emergency procedures, and use of this fumigant.

To aid in the control of microbiological spoilage and as an insecticidal fumigant for the control of stored products' insects. To reduce bacterial and mold contamination in processed spices, cocoa, and processed nutmeats (except peanuts).

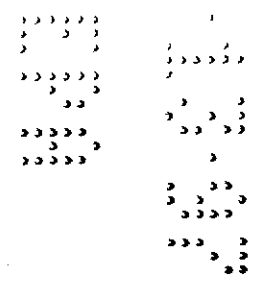
### NOT FOR USE ON COCOA IN CALIFORNIA

#### WHEN USED ALONE:

Add product in a vacuum to fumigator retort at not more than 2.4 ounces propylene oxide in vapor form per cubic foot of space in the retort. Temperature of product should not be in excess of 125° F. Exhaust the retort within four hours and air wash with four chamber volumes of air.

#### WHEN USED IN COMBINATION WITH AN INERT GAS SUCH AS CARBON DIOXIDE OR NITROGEN:

Propylene oxide may be used in combination with carbon dioxide or nitrogen, which is added to the retort along with propylene oxide. This reduces the flammability of the gases in the retort and increases the efficiency of heat transfer to the items being treated. The approved mixture is 8% propylene oxide and 92% inert gas. This can be obtained by adding propylene oxide, in a vacuum, to the retort at not more than 0.2 ounces per cubic foot of space in the retort. Carbon dioxide or nitrogen may then be added to restore ambient pressure, taking care not to vent propylene oxide during addition of the inert gas. When this mixture is used, the treatment time may be extended up to 48 hours: The temperature should not be in excess of 125° F. After treatment, exhaust the retort and air wash with four chamber volumes of air.



leaf 7

## PROTECTIVE CLOTHING AND RESPIRATOR USE, AND STORAGE OF TREATED COMMODITIES

### 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.

### AERATION AND RE-ENTRY

After fumigation, treated areas must be aerated until the level of propylene oxide is below 20 ppm. Do not allow entry into the treated area by any person before this time unless provided with an MSHA/NIOSH approved SCBA.

### PLACARDING

The applicator must placard or post all entrances to the fumigated area with signs bearing:

1. The signal word "DANGER" and the skull and cross-bones symbol.
2. The statement "Area under fumigation. DO NOT ENTER."
3. Date of fumigation.
4. Name of fumigant used.
5. Name, address, and telephone number of the applicator.

