NOTICE OF PESTICIDE

XX Registration
XX Reregistration
(under FIFRA as amended)

Name and Address of Registrant (include ZIP Code)
ABERCO Inc
c/o Balchem Corporation
52 Sunrise Park Road
New Hampton, NY 10958

Terms of Issuance
Unconditional

Name of Pesticide
Product
Propylene Oxide

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 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.

EPA received a label amendment request submitted by email on August 15, 2012. EPA grants this request under the authority of section 3(c)(5) of the Federal Insecticide Fungicide and Rodenticide Act, as amended. With this accepted labeling, all requirements set forth in the Reregistration Eligibility Decision for Propylene Oxide have been satisfied. Therefore, EPA reregisters the product listed above. This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide Fungicide and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Submit one (1) copy of final printed labeling. Amended labeling will supersede all previously accepted labels. A copy of your label stamped Accepted is enclosed for your records. Products shipped after 12 months from the date of this Notice or the next printing of your label, whichever occurs first, must bear the new revised label.

If you have any questions or comments regarding this letter, please contact Heather Garvie at (703) 308-0034 or via email at garvie.heather@epa.gov

Signature of Approving Official
Cynthia Giles-Parker
Acting Product Manager (Team 20)
Fungicide Branch
Registration Division

Date
SEP 27 2012
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 pesticide regulation.

This product is for use only in Sealed Chambers

**FUMIGATION IN VACUUM SEALED CHAMBERS**

- For all PPO applications of >75 lbs airtight 0" (2 oz/ft²) and ≤150 lbs airtight 0" (2.4 oz/ft²) the chamber must be equipped with equipment specifically designed to reduce PPO and other flammable gases to at least 50 percent. Carbon dioxide or nitrogen may only be added to restore ambient pressure taking care not to vent propylene oxide during admission to the inert gas. When this mixture is used, the treatment time may be extended to up to 48 hours. The temperature must not be in excess of 125° F. After treatment exhaust the inert air and wash with four chamber volumes of air.

- For chambers ≤ 5 000 ft² with PPO application rates ≤ 75 lbs ≤ 0" (1 oz/ft²) a chamber must have a release height of at least 27 feet and during the aeration period there must be a minimum flow rate through the stack equivalent to at least 20 air changes per hour. OR
- A chamber must have a release height of at least 40 feet and a minimum flow through the stack equivalent to at least 4 air changes per hour. OR
- The chamber must be equipped with equipment specifically designed to reduce PPO emissions by at least 95 percent.

**PLACARDING OF FUMIGATED ENCLOSURES**

The certified applicator supervising the fumigation (or person under his/her direct supervision) shall post all placards to the enclosure and throughout the entry restricted period.

The certified applicator supervising the fumigation must ensure that no person except the certified applicator or persons under his/her direct supervision who are wearing appropriate respiratory protection enters into the treated enclosure until the signs are removed. Such signs must only be removed when an acceptable concentration of propylene oxide has been achieved when the air concentration level of propylene oxide is monitored as described in the labeling and the monitoring indicates that workers can enter without respiratory protection. Signs must remain legible during entire posting period.

The warning signs at entrances to fumigation enclosure may only be removed by the certified applicator supervising the fumigation or person under his/her direct supervision. Vehicles must be placarded with applicable U S Department of Transportation warning signs.

**CROP GROUP 14 TREE NUTS GROUP**

Almond (beech nut Brazil nut, butternut Cashew Chestnut Chimpapain Fibeit hazzelnut Hickory nut Macadamia nut (bush nut) Pecan and Walnut black and English (Persian)

**CROP GROUP 19 HERBS AND SPICES GROUP**


**CROP GROUP 180 HERB**

Aillicc Aspide (seed) Arnica Arnica (seed) Canari (buds) Caraway Caraway black Cardamon (buds) Celery (seed) Cinnamon Clove (buds) Coriander (seed) Culantro (seed) Cumina Dill (seed) Fennel common Fennel Florence (seed) Fenugreek (seed) Gargen of paradise Juniper (berry) Lavage (seed) Mace Mustard (seed) Nutmeg Pepper Black Pepper white Poppy (seed) Saffron and Vannia

It is imperative that users of this material be familiar with AEBRCO/Bulkchem s Material Safety Data Sheet for 160 1 Propylene Oxide and the Valve Tag attached to this container.
PRECAUTIONARY STATEMENTS

HAZARDOUS TO HUMANS & DOMESTIC ANIMALS

DANGER

CORROSIVE: Fatal if swallowed. Fatal if inhaled. Causes severe eye damage. Causes skin burns. Do not get in eyes or on skin or on clothing. Do not breathe vapor or spray mist. Prolonged or frequent repeated skin contact may cause allergic reactions in some individuals.

DO NOT BREATHE VAPORS OR FUMES: If the concentration of propylene oxide in the workroom or area exceeds the air concentration level (see below) respiratory protection is mandatory. See Respirator Requirements below for acceptable types of respirators.

AIR CONCENTRATION LEVEL: The acceptable air concentration level for persons exposed to propylene oxide is 2 ppm (8 mg/m³) as a time weighted average.

PERSONAL PROTECTIVE EQUIPMENT (PPE): Some materials that are chemical resistant to this product are Tychem or Neoprene for up to 8 hours of exposure and Teflon and PEEK for up to 4 hours of exposure.

All handlers opening propylene oxide cylinders or drums or tanks cleaning up leaks or spills or who otherwise may potentially contact liquid propylene oxide must wear:

- Coveralls or long-sleeved shirt and long pants
- Chemical resistant gloves made of any waterproof material
- Chemical resistantfootwear with socks
- Chemical resistant apron
- Face sealing goggles or
- Full face shield unless a respirator that covers the entire face is worn.

Respirator Requirements: Once propylene oxide is introduced into an enclosure the certified applicator supervising the fumigation must make sure that all persons in the exposure area (the treatment area and the buffer zone if applicable) have appropriate respiratory protection or are removed from the exposure area.

Air Concentrations 10 ppm or Greater from a Direct Read Device or Air Concentrations Greater than 2 ppm as an 8 Hour Time Weighted Average: If propylene oxide air concentration levels measured to be 10 ppm or greater at any time while using a direct read device or if propylene oxide air concentration levels are 2 ppm as an 8 hour time weighted average each person in the exposure area must wear either:

- a supplied air respirator (MSHA/NIOSH approval number TC 19C) or
- a self-contained breathing apparatus (SCBA) (MSHA/NIOSH approval number prefix TC 13F)

Any NIOSH approved air purifying respirator (APR) outfitted with an organic vapor cartridge/canister and an end-of-service life indicator (ESLI) certified by NIOSH for the containment (APR is not approved for ESLI indications).

Any NIOSH approved air purifying respirator (APR) outfitted with an organic vapor cartridge/canister for which if there is no ESLI certified by NIOSH for the containment the employer implements a change schedule for canisters and cartridges that is based on documented expiration information of data that will ensure that canisters and cartridges are changed before the end of their service life (APR is not approved for ESLI indications).

Air Concentration lower than 10 ppm from a Direct Read Device and at or below 2 ppm as an 8 Hour Time Weighted Average: No respirator is required if the air concentration level of propylene oxide in the exposure area is measured to be lower than 10 ppm using a direct read device and at or below 2 ppm as an 8 hour time weighted average.

WORKER SAFETY REQUIREMENTS: Respirator Requirements: When a Respirator is required for use with this product the certified applicator supervising the fumigation must make sure that:

a) Respirators must be fit tested and fit checked using a program that conforms with OSHA’s requirements (described in 29CFR Part 1910 134)
b) Respirator users must be trained using a program that conforms with OSHA’s requirements (described in 29CFR Part 1910 134)
c) Respirator users must be examined by a qualified medical practitioner to ensure the physical ability to safely wear the style of respirator worn.
d) Respirators must be maintained according to a program that conforms with OSHA’s requirements (described in 29CFR Part 1910 1 34)

- If liquid fumigant splashes or spills on clothing remove them at once and place them outdoors in an isolated place to air out because fumes will be an invisible source of irritation.
- Immediately after application remove personal protective equipment. Do not reuse the personal protective equipment until cleaned. Keep and wash the work clothing and personal protective equipment separately from other laundry.
- Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product. Do not reuse them.
- Follow manufacturer’s instructions for cleaning/maintaining personal protective equipment.

User Safety Recommendations:

- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling the product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

PESTICIDE STORAGE AND DISPOSAL:

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

EVACUATE: Everyone from the immediate area of the spill or leak. For entry into affected area to correct problem wear personal protective equipment (including prescribed respirators) specified in the Personal Protective Equipment section of this labeling. Move immediately to an area of greater air circulation. For emergency or first aid treatment consult the Toxicological Profile for this product.

PECHEMET DISPOSAL: Pesticide wastes are usually hazardous improper disposal of excess pesticide spray mixtures or spills may result in a violation of Federal law. If these wastes cannot be disposed of according to label instructions contact your State Pesticide Environmental Control Agency or the Hazardous Waste representative of the U.S. EPA regional office for assistance.

CONTAINER HANDLING: Persons moving handling or opening containers must wear the personal protective equipment (including prescribed respirators when necessary) specified in the Personal Protective Equipment section of this labeling. Return container with pesticide only. Do not reuse this container for any other purpose. Return empty cylinder or drum to ABERCO Inc. for reuse.

WARRANTY DISCLAIMER AND INHERENT RISKS OF USE:

To the extent consistent with applicable law ABERCO 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 strict accordance with the Directions For Use with the proviso that it is impossible to eliminate all risks inherently associated with the use of this product because of abnormal conditions use of the product in a manner inconsistent with the label the manner of application and other factors beyond the control of ABERCO. To the extent consistent with applicable law all such risks are assumed by the Buyer ABERCO MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY TO THE EXTENT CONSISTENT WITH APPLICABLE LAW ABERCO SHALL NOT BE LIABLE FOR CONSEQUENTIAL SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. Use of this product evidences Buyer’s acceptance of the foregoing terms.

LIMITATION OF REMEDIES:

To the extent consistent with applicable law the exclusive remedy for losses or damages resulting from this product (including claims based on contract negligence strict liability or other legal theories) shall be limited to all ABERCO’S election one of the following:

1. Refund of purchase price paid by buyer or user for product bought or
2. Replacement of amount of product used.

The terms of the Warranty Disclaimer above and this limitation of remedies shall not be construed as affecting the terms of any applicable statements or agreements. No employee or sales agent of ABERCO is authorized to give any other warranty Disclaimer or this limitation of remedies in any manner.

PHYSICAL OR CHEMICAL HAZARDS:

CYLINDERS AND DRUMS ARE UNDER PRESSURE: Cylinders or drums must only be opened after connections to process have been completed and leak tested. See PERSONAL PROTECTION EQUIPMENT section for protective gear that must be worn.

EMPTYING CYLINDERS OR DRUMS: Electrically ground cylinder or drum. Nitrogen is the only gas that is to be used to displace cylinder or drum contents. A pressure relief device set to 50 psig should be installed on the nitrogen line.

EXTREMELY FLAMMABLE:

CONTENTS UNDER PRESSURE: Do not puncture or incinerate container. Exposure to temperatures above 185°F will cause a rapid expansion of the vapor volume and may result in a violent explosion. This product is a extreme fire hazard. The flash point is .30 F 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:

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 cylinders or drums cool. In advanced or massive fire firefighting must be done from a safe distance or a protected location. Wear self-contained breathing apparatus (SCBA) and full protective clothing.

DO NOT CONTAMINATE CONTENTS: Hazardous polymerization may occur. Do not allow foreign material to get into this cylinder or drum-particularly acids or alkaline materials.

ENVIRONMENTAL HAZARDS:

This pesticide is toxic to birds and mammals. Do not discharge effluent containing this product into lakes, streets, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollution 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.