



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

December 18, 2025

Kristine Lukasik, Ph.D.  
Senior Director  
Corporate Regulatory Affairs  
ABERCO Inc., A Balchem Company  
5 Paragon Drive, Suite 201  
Montvale, NJ 07645

Subject: Label Amendment - Registration Review Mitigation for Propylene Oxide  
Product Name: PROPYLENE OXIDE  
EPA Registration Number: 47870-1  
Case Number: 477402  
Application Dates: March 31, 2022

Dear Dr. Kristine Lukasik:

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Propylene Oxide interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. You must

submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact Jonathan Williams by phone at 202-566-2240, or via email at [williams.jonathanr@epa.gov](mailto:williams.jonathanr@epa.gov).

Sincerely,

A handwritten signature in dark ink, appearing to read "Kevin Costello", is centered below the "Sincerely," text.

Kevin Costello, Branch Chief  
Risk Management and Implementation Branch 2  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs

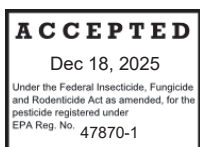
ENCLOSURE: Stamped label

**RESTRICTED USE PESTICIDE DUE TO INHALATION TOXICITY**

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

**CAS 75-56-9****UN 1280****PROPYLENE OXIDE****FUMIGANT****ACTIVE INGREDIENT: Propylene Oxide.....100%**

This product contains 6.92 lbs. of active ingredient per gallon

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

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID
<b>IF SWALLOWED:</b> Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. DO NOT induce vomiting unless instructed to do so by doctor or poison control center. Do not give anything to an unconscious person.
<b>IF ON SKIN or CLOTHING:</b> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
<b>IF INHALED:</b> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Keep victim lying down and warm. If breathing is difficult, give oxygen. Call a poison control center or doctor for treatment advice.
<b>IF IN EYES:</b> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
<b>HOTLINE NUMBER:</b> Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-424-9300 for emergency medical treatment information.
<b>NOTE TO PHYSICIAN:</b> Possible mucosal damage may contraindicate the use of gastric lavage.

**PRECAUTIONARY STATEMENTS**  
**Hazards to Humans and Domestic Animals**  
**DANGER**

**CORROSIVE:** Fatal if swallowed. Fatal if absorbed through skin. Fatal if inhaled. Causes irreversible eye damage. Causes skin burns. Do not get in eyes, on skin, or on clothing. Do not breathe vapor or spray mist. Prolonged or frequently 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 (8.0 mg/m<sup>3</sup>) as a time weighted average.

**PERSONAL PROTECTIVE EQUIPMENT (PPE):** Wear loose-fitting or well-ventilated long-sleeved shirt and long pants, and shoes and socks when handling liquid product. Do not wear jewelry when handling.

Some materials that are chemical-resistant to this product are Tychem or Neoprene for up to 8-hours of exposure and Teflon and PE/EVAL for up to 4-hours of exposure.

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

- Coveralls over long-sleeved shirt and long pants;
- Chemical-resistant gloves made of any waterproof materials;
- Chemical-resistant footwear plus socks;
- Chemical-resistant apron; and
- Face-sealing goggles, or
- Full-face shield, unless a respirator that covers the face is worn.

**Respirator Requirements:** Once propylene oxide has been introduced into an enclosure, the Certified Applicator supervising the fumigation must make sure that all persons in the exposure area (the treatment 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 and Air Concentrations greater than 2 ppm as an 8-Hour Time Weighted Average:**

If propylene oxide air concentration level is measured to be 10 ppm or greater at anytime when measured using a direct read device or if propylene oxide air concentration exceeds 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) or
- Any NIOSH-approved air purifying respirator (APR) outfitted with an organic vapor canister/cartridge (NIOSH approval prefix TC-23C) and an end-of service-life indicator (ESLI) certified by NIOSH for the contaminant (APR is not approved for Immediately Dangerous to Life and Health (IDLH) situations, low oxygen environments, or high CO<sub>2</sub> environments); or
- Any NIOSH approved air purifying respirator (APR) outfitted with an organic vapor canister/cartridge for which, if there is no ESLI certified by NIOSH for the contaminant, the employer implements a change schedule for canisters and cartridges that is based on documented objective information or data that will ensure that canisters and cartridges are changed before the end of their service life (APR is not approved for IDLH situations).

**Air Concentrations lower than 10 ppm from a Direct-read Device, and Air Concentrations 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 using a direct-read device to be lower than 10 ppm *and* the air concentration is 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 29 CFR Part 1910.134);
  - b) Respirator users must be trained using a program that conforms with OSHA's requirements (described in 29 CFR Part 1910.134);
  - c) Respirator users must be examined by a Physician or Licensed Health Care Professional (PLHCP) 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 29 CFR Part 1910.134)
- If liquid fumigant splashes or spills on clothing, remove them at once, and place them outdoors in an isolated place to aerate, because fumes will be an intolerable 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 must wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

Users must remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Users must 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.

Do not wear jewelry, tight clothing, rubber protective clothing, or rubber boots when handling. Propylene oxide can be trapped inside clothing or objects and cause skin injury.

## PHYSICAL OR CHEMICAL HAZARDS

**CYLINDERS AND DRUMS 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 165°F will cause a fusible plug to melt and contents will be released. This product is an extreme fire hazard. The flash point is -35°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 should 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 acidic or alkaline materials.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds and mammals. 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 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.

## **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 propylene oxide applications made in vacuum-sealed chambers less than or equal to 5,000 ft<sup>3</sup> in volume and at a rate of 75 lbs PPO/1,000 ft<sup>3</sup> (1.2 oz/ft<sup>3</sup>) or less:

- 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 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 propylene oxide emissions by at least 95 percent.

For all propylene oxide applications in vacuum-sealed chambers less than or equal to 5,000 ft<sup>3</sup> in volume and at a rate greater than 75 lbs PPO/1,000 ft<sup>3</sup> (1.2 oz/ft<sup>3</sup>), the chamber must be equipped with equipment specifically designed to reduce propylene oxide emissions by at least 95 percent.

For all propylene oxide applications in vacuum-sealed chambers greater than 5,000 ft<sup>3</sup> in volume, the chamber must be equipped with equipment specifically designed to reduce propylene oxide emissions by at least 95 percent.

This fumigant is a highly hazardous material and must 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 must 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

For non food use as an insecticidal fumigant for the control of stored product insects in cosmetic articles and ingredients, non-edible gums, ores, packaging, pigments, pharmaceutical materials, books, and discarded nut shells prior to disposal.

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; cacao beans; cocoa powder; inshell and processed nutmeats (except peanuts); grape, raisins; dried figs; and plum, prunes, dried.

## **WHEN USED AT FULL STRENGTH WITH OR WITHOUT AN INERT GAS:**

Add product in a vacuum to fumigator retort at the rate specified below for a given use site. Temperature should not be in excess of 125° F for food uses.

**Do not apply more than 125 lbs propylene oxide per 1,000 ft<sup>3</sup> (2.0 oz PPO/ft<sup>3</sup>).**

## **Nut tree group 14; Nutmeat processed, except peanuts; Nut, pine; and Pistachio:**

Fumigate raw or processed tree nuts at a maximum rate of 2.0 oz ai/ft<sup>3</sup> in the retort for up to 6 hours and follow treatment with four chamber volumes of air.

**Herbs and spices Group 19; Garlic, dried; Onion, dried:**

Fumigate processed spices at a maximum rate of 2.0 oz ai/ft<sup>3</sup> in the retort for up to 12 hours and follow treatment with four chamber volumes of air.

**Cacao Bean, dried bean and Cacao Bean, Cocoa Powder:**

Fumigate cacao bean and cocoa powder at a maximum rate of 2.0 oz ai/ft<sup>3</sup> in the retort for up to 4 hours and follow treatment with four chamber volumes of air.

**For Non-Food Contact Applications To Cosmetic Articles And Ingredients, Non-Edible Gums, Ores, Packaging, Pigments, Pharmaceutical Materials, Books, And Discarded Nut Shells Prior To Disposal**

Apply at a maximum of 2.0 oz ai/ft<sup>3</sup> per application in a vacuum-sealed chamber. Apply for up to 24 hours at a maximum temperature of 135°C and follow treatment with four chamber volumes of air.

**Dried Figs; Grape, raisins; and Plum, Prune, Dried**

**[Note: Propylene Oxide MUST be used in combination with an inert gas on dried figs, prunes or raisins.]**

**WHEN USED AT 8% CONCENTRATION AND IN COMBINATION WITH AN INERT GAS SUCH AS CARBON DIOXIDE OR NITROGEN** (can be used in this manner for all matrices): 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 0.045 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 to the inert gas. When this mixture is used, the treatment time may be extended to 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. **This method of treatment is allowed on all commodities, but is the only type allowed on dried figs, prunes or raisins.**

**Post Fumigation Intervals (PFIs):****Nut tree group 14; Nutmeat processed, except peanuts; Nut, pine; and Pistachio:**

For applications at a rate of 1.5 oz PPO/ft<sup>3</sup> or below, hold tree nuts at 25°C for 28 days or at 35°C prior to shipment. Alternatively, tree nut commodities can be shipped if residues of propylene oxide are determined to be below 300 ppm. For applications at a rate above 1.5 oz PPO/ft<sup>3</sup>, hold in-shell tree nuts at 25°C for 28 days and shelled tree nuts at 25°C for 31 days or at 35°C prior to shipment. Alternatively, tree nut commodities can be shipped if residues of propylene oxide are determined to be below 300 ppm.

**Herbs and spices Group 19; Garlic dried; Onion, dried:**

Hold herbs and spices group 19, dried garlic and dried onion commodities 48 hours at 25°C or higher prior to shipment. Alternatively, herbs and spices group 19, dried garlic and dried onion commodities can be released for shipment if residues of propylene oxide are determined to be below 300 ppm.

**Cacao Bean, dried bean and Cacao Bean, Cocoa Powder:**

Hold cacao bean and cocoa powder commodities 48 hours at 25°C or higher prior to shipment. Alternatively, cacao bean and cocoa powder commodities can be released for shipment if residues of propylene oxide are determined to be below 200 ppm.

**Holding Times for Fumigation using 92% Carbon Dioxide and 8% Propylene Oxide****Dried Figs; Grape, raisins; and Plum, Prune, Dried**

Hold dried figs, grape raisin, and plum prune dried commodities 24 hours at 25°C or higher prior to shipment. Alternatively, dried fig, grape raisin, and plum prune dried commodities can be released for



shipment if residues of propylene oxide are determined to be below 3 ppm, 1 ppm, and 2 ppm respectively.

For all other commodities, no holding time is required.

#### **SITE-SPECIFIC FUMIGANT MANAGEMENT PLAN**

Prior to fumigating, the Certified Applicator supervising the fumigation must verify that a site-specific fumigation management plan (FMP) exists. The FMP is intended to ensure a safe and effective fumigation. The Certified Applicator in charge of the fumigation is responsible for working with the owners and/or responsible employees of the site to be fumigated to develop a site-specific FMP. The Certified Applicator supervising the fumigation must ensure that the FMP is up-to-date and applicable to the fumigation before it takes place.

Before the start of any fumigation, the Certified Applicator supervising the fumigation must verify in writing (sign and date) that the FMP reflects current site conditions and that it addresses all elements identified in this labeling.

For situations where an initial FMP is developed and certain elements do not change for the fumigation, only elements that have changed need to be updated in the site-specific FMP provided that the Certified Applicator supervising the application has verified that those elements are current and applicable to the fumigation site before the fumigation begins, and record-keeping requirements are followed for the entire FMP (including elements that do not change).

The FMP must document the characteristics of the site, the aeration buffer zones and appropriate monitoring and notification requirements consistent with, but not limited to, the following:

1. The Certified Applicator, or a person under his/her supervision, must inspect the application site to determine its suitability for fumigation. The application site consists of the treatment area and any structure that the treatment area is inside of.
2. Before fumigating, the Certified Applicator, or a person under his/her supervision, must assess the application site for any changes since the last application that could affect the efficacy or safety of the fumigation. This assessment must include a review of the most recent fumigation log from the application site and the most recent monitoring data from adjacent, occupied buildings, where such documents are available. In addition, the Certified Applicator, or a person under his/her supervision, must consult the site manager regarding changes to the application site monthly or, if no fumigation has occurred at the application site for a month or more, upon resumption of fumigation activities.  
  
If the Certified Applicator determines, based on this assessment, that modifications to the application site are required to ensure efficacy or safety, the basis for this conclusion, and confirmation that the modifications were made prior to fumigation, shall be recorded.
3. The Certified Applicator, or a person under his/her supervision, prior to each fumigation must review any available existing FMPs, SDS, Propylene Oxide label and other relevant safety procedures for the specific location or site, and consult with owners or site manager and appropriate employees, if available.
4. The Certified Applicator, or a person under his/her supervision, must develop an appropriate exterior monitoring plan that will conform with the requirements of the treatment and aeration buffer zones to ensure that nearby handlers and bystanders are not exposed to levels above the allowed limits during fumigation and aeration and consult with owners or site managers, if available.

5. The Certified Applicator, or a person under his/her supervision, must determine whether Aeration Buffer Zones are needed and, if required, the proper Aeration Buffer Zones according to the Propylene Oxide label and record the application rate, fumigated volume, and other parameters used to determine the buffer distances.

6. The Certified Applicator, or a person under his/her supervision, must develop procedures for notification of local emergency responders in the event of an emergency ("Emergency Response Plan") and consult with owners or site managers, if available. The Emergency Response Plan must comply with all requirements established by local emergency responders while remaining consistent with label requirements.

If local emergency responders have not established any requirements, or if requirements are minimal or contradict the label, then the plan shall still include, at a minimum, instructions on the persons or entities to contact if: (1) there is a spill, leak, equipment failure, or other emergency at the application site during a fumigation that presents a risk to humans or domestic animals; or (2) anyone at the application site is experiencing symptoms of exposure.

The Certified Applicator, or a person under his/her supervision, must consult with local emergency responders at least annually to confirm that the Emergency Response Plan conforms to their requirements, or, in the absence of such requirements, that the Emergency Response Plan contains the correct contact information.

7. The Certified Applicator, or a person under his/her supervision, must confirm the placement of warning placards around the fumigation site as described on the label.

8. The Certified Applicator, or a person under his/her supervision, must document the following:

- a. Credentials of the Certified Applicator in charge when the fumigant was introduced and when the final clearance testing was completed (if different)
- b. Credentials and/or names and contact information of all personnel members part of the fumigation/aeration prior to the induction of the fumigant and at the time the commodity is aerated (if different)
- c. The commodity being fumigated
- d. The target pest (if known)
- e. The amount of fumigant introduced into the treatment area
- f. Date and time of the fumigant introduction
- g. Date and time final clearance testing completed

This information may be documented on a form designated for this purpose or on supplemental documents such as those identified below, provided that each data point is documented in at least one location.

9. The Certified Applicator, or a person under his/her supervision, must confirm the required safety and monitoring/clearance equipment (including that required for entry into an area under fumigation) is in place and the necessary, trained fumigation handlers are available to complete a safe, effective fumigation.

Elements of the FMP may be fulfilled through the use of supplemental documents such as service reports, facility maps, facility emergency plans, state or federally required forms, and other supplemental documents prepared for or used during the actual fumigation.

## **PLACARDING OF FUMIGATED ENCLOSURES**

The Certified Applicator supervising the fumigation (or person under his/her direct supervision) must placard all entrances to the fumigation enclosure with signs bearing:

1. Skull and crossbones symbol,
2. "DANGER/PELIGRO,"
3. "Area under fumigation. DO NOT ENTER/NO ENTRE,"
4. "Propylene Oxide Fumigant in use,"
5. The date and time of fumigation, and
6. Name, address, and telephone number of the Certified Applicator supervising the fumigation.

These signs must be posted at eye level and must be visible from all points of entry to the treated area. They must remain posted during the application 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 aeration has occurred and when the air concentration level of propylene oxide is monitored as described in this 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 the applicable U.S. Department of Transportation warning signs.

**Crop Group 14 Tree Nuts Group**

Almond, Beech nut, Brazil nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (hazelnut), Hickory nut, Macadamia nut (bush nut), Pecan, and Walnut black and English (Persian)

<b>Crop Group 19 Herbs and Spices Group</b>	
<b><u>Crop Subgroup 19A</u></b> <b><u>Herb Subgroup</u></b>	Angelica; Balm; Basil; Borage; Burnet; Camomile; Catnip; Chervil (dried); Chive; Chive, Chinese, clary; Coriander (leaf); Costmary; Culantro (leaf); Curry (leaf); Dillweed; Horehound; Hyssop; Lavender; Lemongrass; Lovage (leaf); Marigold; Marjoram ( <i>Origanum spp.</i> ); Nasturtium; Parsley (dried); Pennyroyal; Rosemary; Rue; Sage; Savory, summer and winter; Sweet bay; Tansy; Tarragon; Thyme; Wintergreen; Woodruff; and Wormwood.
<b><u>Crop Subgroup 19B</u></b> <b><u>Spice Subgroup</u></b>	Allspice; Anise (seed); Anise, star; Annatto (seed); Caper (buds); Caraway; Caraway, black; Cardamom; Cassia (buds); Celery (seed); Cinnamon; Clove (buds); Coriander (seed); Culantro (seed); Cumin; Dill (seed); Fennel, common; Fennel, Florence (seed); Fenugreek; Grains of paradise; Juniper (berry); Lovage (seed); Mace; Mustard (seed); Nutmeg; Pepper, black; Pepper, white; Poppy (seed); Saffron; and Vanilla.

<b>PESTICIDE STORAGE AND DISPOSAL</b>
Do not contaminate water, food, or feed by storage and disposal.
<b>SPILL AND LEAK PROCEDURES:</b> Evacuate everyone from the immediate area of the spill or leak. For entry into affected area to correct problem, wear the personal protective equipment (including prescribed respirators) specified in the Personal Protective Equipment section of this labeling. Move leaking or damaged containers outdoors or to an isolated location. Observe strict safety precautions. Work upwind, if possible. Allow spilled fumigant to evaporate. Only correctly trained and PPE-equipped handlers are permitted to perform such clean-up. Do not permit entry into the spill or leak area by any other person until the air concentration level of propylene oxide is measured to be at or below 2 ppm as an 8-hour time weighted average. Contaminated soil, water, and other cleanup debris is a toxic hazardous waste. Report spill to the National Response Center (800-424-8802) if the Reportable quantity of 100 lbs. is exceeded.
<b>PESTICIDE STORAGE:</b> Store in a well-ventilated, cool, secure (under lock and key) area away from heat, flame, sparks, electrical equipment, or other ignition sources. Store containers in a well-ventilated area.
<b>PESTICIDE DISPOSAL:</b> 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 of according to label instructions, contact your State Pesticide Environmental Control Agency or the Hazardous Waste representative of the nearest EPA regional office for guidance.
<b>CONTAINER HANDLING:</b> 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. Refillable container. Refill this 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, all 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, at 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" cannot be varied by any written or verbal statements or agreements. No employee or sales agent of ABERCO is authorized to vary or exceed the terms of the "Warranty Disclaimer" or this "Limitation of Remedies" in any manner.

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Montvale, NJ 07645  
Phone: 845-326-5611

**It is imperative that users of this material be familiar with ABERCO/Balchem's Safety Data Sheet for 100% Propylene Oxide and the Valve Tag attached to this container.**

**EPA Registration Number: 47870-1**

**EPA Est. Number: 36736-SC-01**

**Net Contents**

☐ 375 lbs

☐ 380 lbs

☐ 785 lbs

☐ \_\_\_\_\_