

5481-197

9/26/2014

1/6

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460



OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

September 26, 2014

Ms. Julie Porter  
Regulatory Product Manager  
Amvac Chemical Corporation  
4695 MacArthur Court, Suite 1200  
Newport Beach, CA 92660

Subject: Label Amendment – Use deletions per FR Cancellation Order [FRL-9916-87]  
dated 9/24/2014  
Product Name: Technical Grade PCNB  
EPA Registration Number: 5481-197  
Application Date: January 14, 2014 by email, revised label dated July 14, 2014  
Decision Number: 494311

Dear Ms. Porter:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. The following terms and conditions of your registration are amended as follows:

1. Amvac must submit to the OPP Product Manager for PCNB an impurity profile for the congeners of the impurities listed in the amended CSF for each finished, ready to label manufacturing lot of the technical product before the first release of that lot for sale or distribution. OPP will reevaluate the need for these submissions of impurity profiles at regular intervals beginning six months after the time of the first submission. In making these reevaluations of whether or not to remove the condition requiring the submission of impurity profiles, OPP will consider, among other factors, the following: 1) the number of lots evaluated at six months; 2) the levels of impurities in those lots; 3) the variability in levels of the impurities within and across the lots; and 4) the extent to which the lots have to be blended in order to stay below the required limit on the CSF. When, and if, OPP determines that the condition can be removed from this registration, Amvac recognizes that it must continue collecting and maintaining information to document compliance with the certified limits for impurities included in the amended CSF for this product after this condition of registration has been satisfied, and will make such information available to EPA upon request.

The previous terms and conditions of your registration (items 2-6) stated in the Agency letter dated March 5, 2013 for this product are no longer required.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. The next label printing of this product must use this labeling unless subsequent changes have been approved. You must submit one copy of the final printed labeling

2/6

Page 2 of 2  
EPA Reg. No. 5481-197  
Decision No.494311

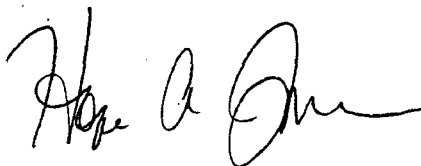
before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling not containing the above referenced deleted uses for 18 months from the date of this letter. After 18 months, you may 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. A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling.

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

The Agency acknowledges your application dated December 18, 2013 (Decision # 486834) regarding your request for removal of the term and condition (1) listed above and will respond to you under separate cover.

If you have any questions, please contact Hope Johnson by phone at 703-305-5410, or via email at [johnson.hope@epa.gov](mailto:johnson.hope@epa.gov)

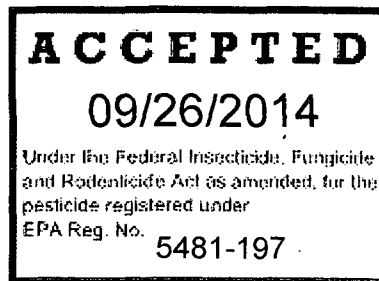
Sincerely,

A handwritten signature in black ink, appearing to read "Hope A. Johnson", written over a horizontal line.

Hope Johnson, Product Manager 21  
Fungicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure

# TECHNICAL GRADE PCNB



## FOR MANUFACTURING PURPOSES ONLY.

This product is for use only by formulators in the manufacture of Agricultural Fungicidal products, offered for sale to the public, and which are duly registered with the U.S. Environmental Protection Agency for the use patterns as found listed on this label.

### ACTIVE INGREDIENT:

Pentachloronitrobenzene (PCNB) .....96.2%

**INERT INGREDIENTS:** ..... 3.8%

**TOTAL:** .....100.0%

## KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
<b>If on skin or clothing:</b>	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If in eyes:</b>	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If inhaled:</b>	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>If swallowed:</b>	<ul style="list-style-type: none"> <li>Call poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by a poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
EMERGENCY INFORMATION	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY: For Medical Emergencies phone:.....1-888-681-4261 For Transportation Emergencies, including spill, leak or fire, phone: CHEMTREC®.....1-800-424-9300 For Product Use Information phone : AMVAC®.....1-888-462-6822	

See additional precautionary statements located elsewhere on the label.

EPA Reg. No. 5481-197

EPA Est. No. 5481-CA-1

NET WEIGHT: 55.12 LB (25 KG)



---

**PRECAUTIONARY STATEMENTS**

---

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed, inhaled or absorbed through the skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Avoid inhalation of dust. May cause irritation of the skin. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

During mixing and/or blending operations, wear a hat or other suitable head covering, a long-sleeved shirt and long legged trousers, or a coverall type garment (all of closely woven fabric covering the body, including the arms and legs), shoes and socks.

Remove and wash contaminated clothing before reuse.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish and aquatic organisms. 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 into sewer systems without previously notifying the 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.

This product may not be used to formulate products for use on golf course roughs; residential sites including lawns, yards, and ornamental plants and gardens around homes and apartments; grounds around day care facilities; school yards; parks (except industrial parks); playgrounds; and athletic fields (except professional and college fields).

This product may not be used to formulate products for seed treatment use.

End-use products formulated from this product and registered for use on professional and college athletic fields must include the following information in the 'Directions for Use': "When this product is used on professional and college athletic fields:

- applicators must ensure that the treated area will be idle for at least 2 days after application;
- applications are limited to Fall and Winter months for pink or grey snow mold;
- no more than 3 applications may be made per season (October - March), with a minimum of 14 days between applications; and
- single applications must not exceed 33 lbs. A.I./A, and total seasonal applications must not exceed 66 lbs. A.I./A."

## REGISTERED USE PATTERNS FOR PENTACHLORONITROBENZENE (PCNB) END-USE PRODUCTS

### Terrestrial Food Crop Use

Beans, Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Collards, Cotton, Garlic, Kale, Mustard Greens, Peanuts, Peppers, Potatoes, Tomatoes. End-use product formulated from this product and labeled for use on cole crops (including broccoli, Brussels sprouts, cabbage, cauliflower, collards, kale, and mustard greens) must indicate that the maximum seasonal application rate for cole crops is 22.5 lbs. A.I./A.

### Non-residential Terrestrial Ornamental Uses

Gladiolus, Hyacinth, Iris, Lilies, Narcissus, Woody Ornamentals, Southern Pine Seed or Seedlings, Southern Magnolia Trees, Tulips, and Vegetable Bedding Plants.

### Non-residential Ornamental Turf Uses

Golf course (tees, greens, and fairways), industrial parks, sod farms and professional and college athletic fields planted in Bahiagrass, Bentgrass, Bermudagrass, Bluegrass, Centipedegrass, Dichondra, Fescue varieties, Fescue (fine), Kentucky Bluegrass and varieties (Merion and Windsor), Ryegrass, Ryegrass (perennial), St. Augustinegrass, and Tall Fescue.

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** This product is very stable and can be stored indefinitely. Because of its characteristic odor, store Technical Grade PCNB in a well-ventilated area away from other products which may absorb odors. Do not store near feed or foodstuffs.

**PESTICIDE DISPOSAL:** 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 instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into formulation equipment. Then dispose of empty bag in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

---

### LIMITED WARRANTY AND DISCLAIMER

---

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use, subject to the inherent risks referred to herein, when it is used in accordance with such directions; and (c) that the directions, warnings, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants and residues on food crops, and upon reports of field experience. Tests have not been made on all varieties of food crops and plants, or in all states or under all conditions.

**THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE SET FORTH HEREIN. TO THE EXTENT CONSISTANT WITH APPLICABLE LAW THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE, TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY OF QUALITY OR PERFORMANCE. THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM**

**THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.**

**TO THE EXTENT CONSISTANT WITH APPLICABLE LAW BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. TO THE EXTENT CONSISTANT WITH APPLICABLE LAW MANUFACTURER OR SELLER SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.**

AMVAC offers this product, and Buyer accepts it, subject to the foregoing Limited Warranty which may be varied only by agreement in writing signed by an authorized representative of AMVAC.

© 2014 AMVAC Chemical Corporation. All Rights Reserved. AMVAC and the BEAKER logo are trademarks, registered in the U.S. and some other countries, of AMVAC Chemical Corporation. CHEMTREC is a trademark of American Chemistry Council, Inc.

AMVAC Chemical Corporation  
4100 E. Washington Blvd.  
Los Angeles, CA 90023 U.S.A.  
1-888-462-6822