

5481-197

12/11/2003

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Darryl E. Brock
Regulatory Affairs Manager
AMVAC Chemical Corporation
4695 MacArthur Court
Suite 1250
Newport Beach, CA 92660

DEC 11 2003

Subject: Technical Grade PCNB
EPA Reg. No. 5481-197
Amendment dated August 15, 2003

Dear Mr. Brock:

The Agency has complete the technical review of the Dermal Sensitization Study (MRID 452364-01) that was submitted with this amendment. This study is acceptable. Based on the data submitted with this study, this product is classified as a skin sensitizer. A copy of the Agency's memorandum report dated October 20, 2003 is enclosed for your records.

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable provided the following changes are made:

1. **FIRST AID:** The routes of exposure must be listed in order of decreasing acute toxicity category. List the routes of exposure in the following order:

If on skin or clothing
If in eyes
If inhaled
If swallowed.

2. **HAZARDS TO HUMANS AND DOMESTIC ANIMALS:**

- Add the following sentence that is required for products that are skin sensitizers:
"Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals."
- In the third line, change "handlin" to "handling".

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Technical Grade PCNB
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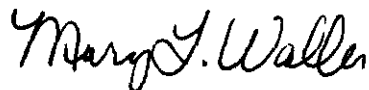
3. **ENVIRONMENTAL HAZARDS:** Change this text to agree with that specified in the Label Review Manual , 3rd edition, page 8-8:

"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 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."

One copy of the label stamped "Accepted with comments" is enclosed for your records. This label supercedes all labels previously accepted for this product. Please submit one copy of the final printed label that incorporates the required changes before the product is released for shipment.

If you have any questions, please contact Robert Westin by phone at (703) 305-5721 or via email at westin.robert@epa.gov.

Sincerely,



Mary Waller
Product Manager (21)
Fungicide Branch
Registration Division (7505C)

Enclosure

TECHNICAL GRADE PCNB

**FOR MANUFACTURING PURPOSES ONLY.
NOT FOR RESALE UNDER THIS LABEL.**

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	
If swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have a person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> • 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.
If in eyes:	<ul style="list-style-type: none"> • 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.
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:	
Transportation: CHEMTREC.....1-800-424-9300	
Other: AMVAC.....1-323-264-3910	

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE.

EPA Reg. No. 5481-197
EPA Est. No. 5481-CA-1

Net Weight:
As Marked on Container



4100 E. Washington Blvd.
Los Angeles, CA 90023 U.S.A
1-323-264-3910 • www.amvac-chemical.com

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, inhaled or absorbed through the skin. Causes moderate eye irritation. Avoid contact in eyes, on skin, or on clothing. Avoid inhalation of dust. May cause irritation of the skin. Wash thoroughly with soap and water after handling. 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.

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 public water unless this product is specifically identified and addressed in an NPDES permit. 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.

USE PATTERNS FOR PENTACHLORONITROBENZENE (PCNB) END-USE PRODUCTS

This product is intended for formulation into end-use products only for the following use patterns.

Terrestrial Food Crop Uses

Beans (Dry, Lima, and Snap), Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Cotton, Garlic, Peanuts, Peppers, Potatoes, Tomatoes (Bed Grown).

Seed Treatment Uses

Barley, Beans (Dry, Lima, Snap), Corn, Cotton (Acid-Delinted, Fuzzy, Reginned or Mechanically-Delinted), Oats, Peanuts, Peas, Rice, Safflower, Sorghum, Soybeans, Sugar Beets, Wheat.

Terrestrial Non-Food Crop Uses

Ornamentals, Flowering Plants and Forest Trees: African Violet, Azaleas, Bedding Plants, Begonias, Calendula, Camellia, Carnation, Chrysanthemum, Gladiolus, Hyacinth, Iris (Bulbous), Iris (Dutch), Larkspur, Lilies (Easter), Narcissus, Ornamental Flowering Plants, Ornamental Woody Shrubs, Pine (Southern Seedling), Poinsettia, Roses, Snapdragon, Southern Magnolia, Sweet Peas, Tulips.

Ornamental Lawns and Turf Uses

Bahiagrass, Bentgrass, Bermudagrass, Bluegrass, Centipedegrass, Dichondra, Fescue (Varieties), Fescue (Fine), Kentucky Bluegrass and varieties (Merion and Windsor), Ornamental Lawns (cool season, cool season bluegrass, warm season), Ornamental Turf (golf fairways, golf tees, putting greens, lawns), Ryegrass, Ryegrass (Perennial), St. Augustinegrass, Tall Fescue.

STORAGE AND DISPOSAL

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

STORAGE: This product is very stable and can be stored indefinitely. Because of its characteristic odor, it should be stored 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: 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. 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.

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. IN NO EVENT, SHALL MANUFACTURER OR SELLER 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.

Amvac Chemical Corporation
4100 E. Washington Blvd.
Los Angeles, CA 90023 U.S.A.
1-323-264-3910
www.amvac-chemical.com

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

DEC 11 2003

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

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