



1258-1257

9/8/2010

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 <b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> Office of Pesticide Programs Antimicrobials Division (7510C) 1200 Pennsylvania Avenue NW Washington, D.C. 20460  <b>NOTICE OF PESTICIDE:</b> <u>      </u> Registration <u>  X  </u> Reregistration  (under FIFRA, as amended)	EPA Reg. Number:  1258-1257	Date of Issuance  SEP - 8 2010
	Term of Issuance: <b>Conditional</b>	
	Name of Pesticide Product:  Proxel BZ Preservative	
Name and Address of Registrant (include ZIP Code):  Arch Chemicals, Inc. 1955 Lake Park Drive Smyrna, GA 30080		
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.  Based on your response to the 1,2-Benzisothiazolin-3-one RED, the EPA has reregistered this product subject to the comments recorded in the succeeding paragraph. This action is taken under the authority of section 4(g) (2) of the Federal Insecticide, Fungicide and Rodenticide Acts, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. The EPA may require submission of data at any time to maintain the registration of the subject product.  1. Make the following label changes:  a. Revise the EPA Registration Number to read "1258-1257."		
Signature of Approving Official:  Marshall Swindell Product Manager Team-33 Regulatory Management Branch I Antimicrobials Division (7510P) 		Date:  SEP - 8 2010

- b. As per the acute toxicity review, the additional text below should be added to the "Note to Physician" statement that addresses the eye irritation concerns toxicity to read as follows:

technical information on symptomatology;  
use of supportive treatments to maintain life functions;  
medicine that will counteract the specific physiological effects of the pesticide;  
company telephone number to specific medical personnel who can provide specialized medical advice.

- c. As per the acute toxicity review, revise the "Hazards to Humans and Domestic Animals to read as follows:

"DANGER. Corrosive. Causes eye damage. Do not get in eyes, on skin, or on clothing. Harmful if absorbed through the skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wear long-sleeved shirt and long pants, socks, shoes, goggles, or face shield, and chemical-resistant gloves made of any waterproof material."

- d. Add the following text to the "User Safety Requirements" text to read as follows:

"Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry."

"Discard clothing and other absorbent materials that have been drenched or heavily contaminated "with this product's concentrate. Do not reuse them."

- e. As per the acute toxicity review, add the following "User Safety Recommendations" section to read as follows:

User Recommendations

User should wash hands before, eating, drinking, chewing gum, using tobacco, or use the toilet.

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

Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

- f. As per the Product Chemistry review, add the following statement to appear under the "Physical and Chemical Hazards" section to read as follows:

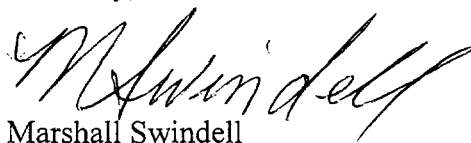
"Keep away from strong oxidizers."

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

Submit two (2) copies of the revised labeling bearing the labeling revisions listed above. A stamped copy of the label is enclosed for your records.

If you have questions concerning this matter, please contact me at (703) 308-6341 or by email at [swindell.marshall@epa.gov](mailto:swindell.marshall@epa.gov) or Karen M. Leavy at (703)308-6237 or by email at [leavy.karen@epa.gov](mailto:leavy.karen@epa.gov).

Sincerely,



Marshall Swindell  
Product Manager 33  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

**PROXEL® BZ PRESERVATIVE****ACTIVE INGREDIENTS:**

Zinc 2-pyridinethiol-1-oxide.....8%  
1,2-benzisothiazolin-3-one.....12%  
Inert Ingredients.....80%  
Total.....100%

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

SEE FIRST AID & ADDITIONAL PRECAUTIONARY STATEMENTS ON SIDE PANEL

**MANUFACTURED FOR:**

Arch Chemicals, Inc.  
1955 Lake Park Drive

Made in China, formulated in the UK.

PROXEL® is a registered trademark of Arch UK Biocides, Ltd.

Net Weight 25 Lbs.

EPA Reg. No. 1258-1257

EPA Est. No. 1258-NY-3

**ACCEPTED  
with COMMENTS  
EPA Letter Dated:**

*SEP - 8 2010*

the Federal Insecticide,  
and Rodenticide Act as  
for the pesticide,  
under EPA Reg. No. 1258-1257

**PRECAUTIONARY STATEMENTS: HAZARDS TO HUMANS AND DOMESTIC ANIMALS:**

**DANGER:** Corrosive. Causes severe eye and skin damage. May cause allergic skin reaction. Do not get in eyes, on skin or clothing. Wear goggles or face shield and rubber gloves when handling. Harmful or fatal if swallowed. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

**FIRST AID:**

**If in Eyes:** 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.

**If on Skin or Clothing:** 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 Swallowed:** Call a 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 told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**NOTE TO PHYSICIAN:** Probable mucosal damage may contraindicate the use of gastric lavage. In case of emergency, for additional information call 1-800-654-6911.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish. Do not discharge effluent containing this product into lakes, ponds, streams, 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.

**STORAGE AND DISPOSAL:** Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Protect from frost. If frozen, allow to thaw and stir well before use.

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Fungicide, and Rodenticide Act as  
amended, for the pesticide,  
registered under EPA Reg. No. 1258-1257

**PESTICIDE DISPOSAL:** [For containers > 5 gallons] 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 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. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times.

**PESTICIDE DISPOSAL:** [For containers < 5 gallons] 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 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. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container promptly after emptying. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

**DIRECTIONS FOR USE:** It is a violation of federal law to use this product in a manner inconsistent with its labeling. This product is an effective preservative in most aqueous compositions. Typical applications, and the suggested range of concentrations on which trials can be based are:

**Latices:** Polymer latices based on acrylate, butadiene, PVA and styrene for various applications, add 0.025 - 0.20 % of this product (based on total weight of product).

**Paints and Stains:** for in-can preservation, add 0.01 - 0.15% of this product (based on total weight of product).

**Adhesives:** Carboxymethylcellulose (CMC) and derivatives, animal glues, adhesives based on gelatins and latex, add 0.25 - 0.30% of this product (based on total weight of product).

**Aqueous mineral slurries:** titanium dioxide, calcium carbonate, clay, add 0.05 - 0.25% of this product (based on total weight of product).

**Tape joint compounds:** wallboard, spackling and drywall joint products, add 0.05 - 0.25% of this product (based on weight of product).

[File ID: 001258-01257.20081102.ProxelBZLabelDCI.PDF]

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Pigment dispersions: add 0.1 - 0.4% of this product (based on weight of product).

General Recommendations: The concentration required to give protection depends on several factors. These include susceptibility of the system to microbiological degradation, the extent to which microorganism can gain access, the species involved, pH, temperature, and length of time for which protection is required. For protection against fungal attack, a concentration within the range of 0.025 - 0.4% of this product is almost invariably sufficient.

Proxel® BZ Preservative product licensing and patent notice: This product contains 1,20benzisothiazolin-3-one and zinc pyrithione and may be used in the preservation of industrial water based products against spoilage from bacteria, yeast and fungi in accordance with the label and processes, compositions and methods claimed in U.S. Patents 6,306,413 and European patent 0703726; and their other corresponding foreign patents. Purchase of this product from Arch Chemicals, Inc. gives the purchaser a nonexclusive license to use this product in the formulations claimed in the above-mentioned patents, and the royalty for this license is incorporated into the purchase price of the product.

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