



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

April 25, 2017

Leesha N. Square  
Regulatory Specialist  
Arch Chemicals, Inc.  
1200 Bluegrass Lakes Parkway  
Alpharetta GA, 06484

Subject: Notification per PRN 98-10 – To revise other construction chemicals to include concrete admixture under the direction for use, update company address, county origin and EPA Establishment Statement  
Product Name: PROXEL® BZ Plus Preservative  
EPA Registration Number: 1258-1326  
Application Date: March 6, 2017  
Decision Number: 527391

Dear Ms. Square:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Antimicrobials Division (AD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped "Notification" and will be placed in our records.

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.

If you have any questions, you may contact Zebora Johnson at (703) 308-7080 or via email at [johnson.zebora@epa.gov](mailto:johnson.zebora@epa.gov).

Sincerely,

A handwritten signature in blue ink, appearing to read "John Hebert", with a stylized flourish at the end.

John Hebert, Chief  
Regulatory Management Branch I  
Antimicrobials Division (7510P)

# PROXEL® BZ PLUS PRESERVATIVE

Industrial Material Preservative Used in Building Products

## ACTIVE INGREDIENTS:

Zinc 2-pyridinethiol-1-oxide.....	5.75%
1,2-benzisothiazolin-3-one.....	5.75%
Inert Ingredients.....	88.50%
Total .....	100.00%

## NOTIFICATION

1258-1326

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

04/25/2017

**KEEP OUT OF REACH OF CHILDREN**

## DANGER

SEE FIRST AID & ADDITIONAL PRECAUTIONARY STATEMENTS ON SIDE PANEL

### MANUFACTURED FOR:

Arch Chemicals, Inc.

~~5660 New Northside Drive, Suite 1100~~  
~~Atlanta, GA 30328~~

1200 Bluegrass Lakes Parkway  
Alpharetta, GA 30004

~~Made in China, formulated in the UK (or formulated in the US).~~

{Made in [Enter country of origin].}

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

Net Weight: ~~25-Lbs.~~ [Enter Net Weight]

EPA Reg. No. 1258-1326

EPA Est. No. ~~1258-NY-3~~ [Enter EPA Establishment number]

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

Corrosive. Causes irreversible eye damage. Do not get in eyes. Wear goggles or face shield and rubber gloves when handling. May cause allergic skin reaction. May be fatal if swallowed. Harmful if absorbed through the skin. Avoid contact with skin or clothing.

**FIRST AID:**

**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.

**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.

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.

**PESTICIDE DISPOSAL:** 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.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse 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.

[For containers = or < 5 gallons or 50 pounds] 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 ¼ 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.

[For containers = or > 5 gallons or 50 pounds] 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.

**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:

**NON-FOOD CONTACT USES:**

**Latices:** Polymer latices based on acrylate, butadiene, PVA and styrene for various applications, add 0.04 - 0.70 % of this product (based on total weight of product).

**Paints and Stains:** For in-can preservation, add 0.025 - 0.80% of this product (based on total weight of product).

**Adhesives:** Carboxymethylcellulose (CMC) and derivatives, animal glues, adhesives based on gelatins and latex, add 0.04 - 0.85% of this product (based on total weight of product).

~~Aqueous mineral slurries including buffing compounds, waxes and putties, abrasive compounds, polishes, titanium dioxide, calcium carbonate, clay, add 0.025 - 0.75% of this product (based on total weight of product). Tape joint compounds: wallboard, spackling and drywall joint products, add 0.05 - 0.80% of this product (based on weight of product).~~

**Building Products and Mineral Slurries:**

Proxel BZ Plus Preservative is for the control of bacteria and fungi in water based building materials including: concrete admixtures, buffing compounds, waxes and putties, abrasive compounds, polishes, titanium dioxide, calcium carbonate, and clay slurries, add 0.025 - 0.75% of this product (based on total weight of product). For tape joint compounds: wallboard, caulk, sealant, stucco, grout, spackling and drywall joint products, add 0.05 - 0.80% of this product (based on weight of product).

**Pigment dispersions:** Add 0.05 - 0.85% of this product (based on weight of product).

**\*In-Container Preservative: 0.05 - 0.70%**

Proxel BZ Plus Preservative is used as an in-container preservative for the control of bacteria and fungi in aqueous products, aqueous emulsions, and dispersions including; diagnostic reagents, surface preparation compounds, silane and silicone emulsions, foam control products, and pesticides and nutrient solutions for non-food applications.

**General Recommendations:** The concentration required to give protection depends on several factors. These include the susceptibility of the system to microbiological degradation, the extent to which microorganisms can gain access, the species involved, pH, temperature, and length of time for which protection is required. For protection against bacterial and fungal attack, a concentration within the range of 0.025 - 0.085% of this product is considered sufficient.

**\*INDIRECT FOOD CONTACT USES:**

To Control Growth of Bacteria and Fungi In Adhesives Used For Food Packaging:

For food packaging adhesives, at use temperatures up to 120°F, and subject to Good Manufacturing Practices, including the conditions specified in 21 CFR 175.105 (a) and (b), add a dosage to a maximum of 8500 ppm of this product (8.5 lb. of this product per 1000 lbs. of food packaging adhesive) at a point where thorough mixing will take place.

To Control Growth of Bacteria and Fungi In Latex Emulsions or Aqueous Inorganic Slurries Used In the Manufacture of Food Contact Coated Paper:

To control the growth of bacteria and fungi in aqueous paper coatings and paper coatings components including latex, starch solutions, and mineral or pigment slurries (clay, kaolin clay, calcium carbonate, or titanium dioxide) at a dosage not to exceed 8500 ppm of this product in the paper coatings components and not to exceed 1800 ppm of this product in the paper coating formulation. Add this product at any point in the paper coating process.

\*Not for use in California