



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

March 15, 2019

Leesha Square  
Regulatory Specialist  
Arch Chemicals  
1200 Bluegrass Lakes Parkway  
Alpharetta, GA 30004

Subject: Notification per PRN 98-10 – Revised Container Disposal Section  
Product Name: Proxel AQ Preservative  
EPA Registration Number: 1258-1284  
Application Date: 11/14/2018  
Decision Number: 546471

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 Terria Northern at 703-347-0265 or via email at [northern.terria@epa.gov](mailto:northern.terria@epa.gov).

Sincerely,

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

for

Zeno Bain, Product Manager 33  
Regulatory Management Branch I  
Antimicrobials Division (7510P)  
Office of Pesticide Programs

**NOTIFICATION**

1258-1284

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:

03/15/2019

**PROXEL® AQ PRESERVATIVE**

For Industrial Use Only as a Microbiostat Preservative for Aqueous Compositions such as Latices, Emulsion Paints and Stains, Oil-in-Water Emulsions, Paints, Water-Based adhesives, Paper Coating Compositions, Casein/Rosin Dispersions, textile Spin-Finish Solutions, Pesticide Formulations, Aqueous Slurries, Titanium Dioxide Slurries, Construction Materials, Leather Processing Solutions, and for the Preservation of fresh Animal Hides and Skins.

**Active Ingredient:**

1,2-benzisothiazolin-3-one.....9.25%  
Inert Ingredients.....90.75%  
Total .....100.00%

**KEEP OUT OF REACH OF CHILDREN**

**DANGER**

SEE FIRST AID & ADDITIONAL PRECAUTIONARY STATEMENTS ON SIDE PANEL

**MANUFACTURED FOR:**



1200 Bluegrass Lakes Parkway  
Alpharetta, GA 30004

{Made in [Enter country of origin].}

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

EPA Reg. No. 1258-1284

EPA Est. No. [Enter EPA Establishment Number]

Net Wt. [Enter Net Weight]

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

**DANGER:** Causes skin burns. Causes irreversible eye damage. Do not get in eyes, on skin or on clothing. Harmful if swallowed. Harmful if inhaled. Do not breathe vapor or spray mist. Wear coveralls worn over long-sleeved shirt and long pants, socks, chemical-resistant footwear, goggles or face shield and chemical-resistant gloves made of any waterproof material. Wash hands thoroughly before eating, drinking, chewing gum, using tobacco or using the toilet.

**USER SAFETY RECOMMENDATIONS**

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.

Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

**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 continuing rinsing eye. 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 by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person.

**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 Inhaled:** 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.

Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment.

**Note to Physician:** Possible 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 the 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 :**

*[For containers ≤ 5 gallons]*

Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.

Clean container promptly after emptying. Triple rinse as follows: Empty remaining contents into application equipment or a mix tank and drain for 10 seconds after 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. Repeat this procedure two more times.

*[For containers > 5 gallons]*

Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Clean container promptly after emptying. Triple rinse as follows. Fill the container ¼ full with water. Replace and tighten closures. Tip the container on its side and roll it back and forth, ensuring at least one complete revolution. 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.

**CONTAINER DISPOSAL DIRECTIONS:** [100 -330 gallon Intermediate Bulk Containers (IBC), IBC tote, IBC tank or pallet tanks] Non-Refillable container. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with a pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Offer for recycling. Disposal of this container must be in compliance with state and local regulations.

**CONTAINER DISPOSAL DIRECTIONS:** [For Bulk Shipments and Transport Vehicles such as Portable Tanks, Tanker Trucks, Tank Trailers and Railcars] Emptied container retains vapor and product residue. Observe all precautions stated on this label until the container is cleaned, reconditioned or destroyed. Prior to refilling, inspect carefully for damage such as cracks, punctures, abrasions, and worn-out threads and closures. Clean thoroughly before reuse for transportation of a material of different composition or before retiring this transport vehicle from service.

**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:** Natural and synthetic latices based on acrylate, butadiene, PVA, styrene and other monomers, for use in various applications, e.g., wax, paint, floor polishes, synthetic rubber latices, add 0.10 - 0.50% of this product (based on total weight of product).

**EMULSION PAINTS AND STAINS:** for in-can preservation, add 0.10 - 0.50% of this product (based on total weight of product).

**OIL-IN-WATER EMULSIONS:** "Spin finish" solutions for use in the textile industry. Cutting/rolling oils. Soluble oils (metal and engineering industries), add 0.1 - 0.5% (based on total weight of product).

**ADHESIVES:** Carboxymethylcellulose (CMC) and derivatives, animal glues, adhesives based on gelatins and latex, add 0.1 - 0.5% of this product (based on total weight of product).

**PAPER COATING COMPOSITIONS:** Rosin dispersions. Starch and casein based products, add 0.1- 0.5% of this product (based on total weight of product).

**PESTICIDE FORMULATIONS:** For product preservation. For ultimate use-dilution protection. This product is exempt from tolerance under 40CFR180.920, materials exempted from the requirements of a tolerance when used in accordance with good agricultural practice as inert (or occasionally active) ingredients in pesticide formulations applied to growing crops only. Based on the current 180.920 limit of 0.1% BIT in formulations, use levels of up to 1.0% (5000 ppm) of this product are allowed, add 0.1 - 0.5% of this product (based on total weight of product).

**AQUEOUS MINERAL SLURRIES:** Add 0.08 - 0.50% of this product (based on total weight of product).

**CONSTRUCTION MATERIALS:** Tape joint compounds, <sup>1</sup>concrete admixtures, add 0.16-0.5% of this product (based on total weight of product).

**INKS AND DYES:** Water-based inks, ink concentrates, and fountain solutions, add 0.1 - 0.5% of this product (based on total weight of product).

**PIGMENT DISPERSIONS:** Pigment dispersions and pigment cakes, add 0.1 - 0.50% of this product (based on total weight of product).

**PHOTOGRAPHIC EMULSIONS:** To preserve the integrity of photographic emulsions and photo processing rinse solutions, add 0.008 – 0.67% of this product (based on total weight of product).

**SPECIALTY PRODUCTS AND HOUSEHOLD PRODUCTS:** Laundry additives, liquid laundry detergents, fabric softeners, stain removers, home cleaning products, floor cleaners, floor waxes and polishes, surface cleaners, window cleaners, dish detergents, car care products, add 0.15 – 0.30% of this product (based on total weight of product).

**PRESERVATION OF FRESH ANIMAL HIDES AND SKINS:** To preserve the integrity of fresh animal hides and skins prior to or during processing, use 26 fluid ounces to 5.0 gallons (2.0 – 48 lbs.) of of this product per 1000 pounds of hides or skins. Add the appropriate quantity of of this product to the brine solution during the curing operation or treat hides or skins with an appropriately diluted aqueous solution during other portions of the processing operation. The specific use rate and contact time needed to control microbial attack will depend upon the degree of decomposition of the hides or skins prior to treatment.

**LEATHER PROCESSING SOLUTIONS:** Use of this product at levels of 0.05 – 0.4% for the preservation of leather processing solutions.

**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 microorganism can gain access, the species involved, pH, temperature, and length of time for which protection is required.

For protection against bacterial attack, a concentration within the range of 0.04 – 0.7% of this product is almost invariably sufficient.

The control of mold growth, particularly on paste products of high solids content, may occasionally demand dosages above 0.5%.

In dilute fluid systems, spoilage is usually controlled with dosages not greater than 0.18%.

<sup>1</sup>Not Approved for Use in California