PROXEL XL 2
INDUSTRIAL MICROBIOSTAT

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, tape joint compounds, leather processing solutions, and for the preservation of fresh animal hides and skins.

Active Ingredient:
1,2-benzisothiazolin-3-one..................9%
Inert Ingredients..........................91%
Total........................................100%

KEEP OUT OF REACH OF CHILDREN

DANGER/ PELIGRO

See First Aid & Additional Precautionary Statements on Side Panel

MANUFACTURED FOR:

ARCH Chemicals, Inc.

5660 New Northside Drive, Suite 1100
Atlanta, GA 30328

Made in China. Formulated in the UK.

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

EPA Reg. No. 1258-1262
EPA Est. No. 74637-GBR-001

Net Wt. 440 Lbs.

ENVIROMENTAL 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.

PHYSICAL AND CHEMICAL HAZARDS: Do not mix with oxidizing agents.
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. 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.

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: 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 - 0.30% of this product (based on total weight of product).

Emulsion paints and Stains: for in-can preservation, add 0.1 - 0.3% 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 - 0.3% (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 - 0.3% 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 0.5% (500 ppm) of this product are allowed, add 0.1 - 0.5% of this product (based on total weight of product).

Aqueous mineral slurries: Add 0.05 - 0.25% of this product (based on total weight of product).

Tape Joint compounds: Add 0.16 - 0.5% of this product (based on total weight of product).

Inks: Add 0.10 - 0.25% 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 25 fluid ounces to 5 gallons (2-48 lbs) of this product per 1000 pounds of hides or skins. Add the appropriate quantity 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 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 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%.
PRECAUTIONARY STATEMENTS:
HAZARDS TO HUMANS AND DOMESTIC ANIMALS:
DANGER: Corrosive. Causes irreversible eye damage. Causes skin burns. Do not get in eyes, on skin or clothing. May be fatal if inhaled. Do not breathe vapor or spray mist. Harmful if swallowed or absorbed through the skin. Wear goggles or face shield, coveralls over long-sleeved shirt and long pants, chemical-resistant footwear and socks, and enclosed-resistant gloves made of waterproof material.

USER SAFETY RECOMMENDATIONS: User should wash hands before eating, drinking, chewing gum, using tobacco, or using 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.

USER SAFETY RECOMMENDATIONS: Follow manufacturer’s instructions for cleaning/removing PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard and all other absorbent materials that have been drenched or heavily contaminated with this product’s concentrate. Do not reuse them.

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 air well before use.

PESTICIDE DISPOSAL:
Pesticide waste are usually hazardous. Improper disposal of excess pesticides, spray mixtures, or rinses 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 appropriate equipment or a mix tank. Fill the container full with water, replace and tighten drain. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Glue 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 rinse into appropriate equipment or a mix tank or store rinse for later use or disposal. Repeat this procedure two or more times.

CONTAINER DISPOSAL:
Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container promptly after emptying. 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 aquatic compositions. Typical applications, and the suggested range of concentrations at which trials can be based on:

Latices: Natural and synthetic latices based on styrene, butadiene, PVA, acrylics and other polymers, for use in aqueous preparations, e.g., wax, paint, floor finishes, synthetic rubber latexes, add 0.10 – 0.50% of this product (based on total weight of product). Systematic water emulsions: “Spin-Safe” solutions for use in textile industry. Cartridge-grilling oil. Soluble oils (metal and engineering industries), add 0.1 – 3.0% (based on total weight of product).

Adhesives: Cationically-bonded (CHO) and derivatives, animal glues, adhesives based on gluten or latex, add 0.1 – 0.5% of this product (based on total weight of product).

Paper coating compositions: Resin dispersions, starch and casein-based products. Add 0.1 – 3.0% of this product (based on total weight of product).

Pesticide formulations: For product preservation. For 0.01% solution. 7895310, add 0.1 – 0.5% of this product (based on total weight of product).

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.

PHYSICAL AND CHEMICAL HAZARDS:
Do not mix with acidizing agents.

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Active Ingredient:
1,2-benzisothiazolin-3-one..................9%
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