PROXEL BD 20

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/ROSN 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 .................. 19.3%
Inert Ingredients .......................... 80.7%
Total .................................. 100.0%

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. 1258-1260
EPA Est. No. 1258-NY-3

Net Wt. 440 Lbs.
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 rinseate 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 rinseate into application equipment or a mix tank or store rinseate 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 0.05 - 0.15 % of this product (based on total weight of product).

- Emulsion paints and Stains: for in-can preservation, add 0.05 - 0.25% 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 0.05 - 0.18% of this product (based on total weight of product).

- Adhesives: Carboxymethylcellulose (CMC) and derivatives, animal glues, adhesives based on gelatins and latex, add 0.05 - 0.25% of this product (based on total weight of product).

- Paper coating compositions: Rosin dispersions. Starch and casein based products, add 0.05 - 0.15% 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% (5000 ppm) of this product are allowed, add 0.1 - 0.5% of this product (based on total weight of product).

- In-Can preservation of Seed Coating materials (includes but not limited to colorants, dyes, seed coatings, and pesticide formulations, etc.): add 0.05 - 0.5% of this product (based on total weight of product).

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

- Aqueous mineral slurries: Add 0.04 - 0.25% of this product (based on total weight of product).

- Tape joint compounds: Add 0.08 - 0.25% of this product (based on total weight of product).

- Specialty products and household products: Home cleaning products, floor cleaners, floor waxes and polishes, surface cleaners, window cleaners, dish detergents, add 0.05 - 0.15% of this product (based on total weight of product).

- Laundry additives: Liquid laundry detergents, fabric softeners, stain removers, add 0.05 - 0.15% of this product (based on total weight of product).

- Car care products: Car washing products, car waxes, silicone emulsions, add 0.075 - 0.15% 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 13 fluid ounces to 2.5 gallons (1.0-24 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 - 0.25% 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 microorganisms 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 0.02 - 0.35% 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 0.25%.

In dilute fluid systems, spoilage is usually controlled with dosages not greater than 0.3%.
PROXEL BD 20

FOR INDUSTRIAL USE ONLY AS A MICROBICIDAL AGENT FOR AQUEOUS SOLUTIONS SUCH AS INJACTORS, BULK BAGS AND TANKS, CHLORINATED CELESTITE, PASTE, ALUMINUM-TREATED CELESTITE, PASTE, CARBOXYLIC ACID GRAFTED CELESTITE, PASTE, SODIUM POLYACRYLATE COMPOSITIONS, AQUEOUS SLURRIES, TITANIUM DIOXIDE SLURRIES, TAP JOINT COMPOSITIONS, GLASS PROCESSING SOLUTIONS, AND FOR THE PRESERVATION OF FRESH ANIMAL HIDES AND SKINS.

Active Ingredient:
1,2-benzisothiazolin-3-one.......................... 19.3%

Inert Ingredients.................................... 80.7%

Total.................................................. 100.0%

STORAGE AND DISPOSAL:
Do not contain water, food, feed or by-product of storage or disposal.

PESTICIDE STORAGE:
Always store in a cool, dry place.

PESTICIDE DISPOSAL:
Do not dispose of sewage, spray mixtures, or solutions in a solid waste stream. This product should be disposed of by incineration. If incineration is not practical, it may be disposed of in an approved disposal facility.

DIRECTIONS FOR USE:
This product is a water-soluble, high-activity preservative. It is effective in controlling bacterial growth and can be used in a variety of applications, including inks, paints, and varnishes. This product is effective against a wide range of microorganisms, including gram-positive and gram-negative bacteria, as well as fungal and yeasts. It is effective in concentrations as low as 0.001%.

USE:
This product is effective against a wide range of microorganisms, including gram-positive and gram-negative bacteria, as well as fungal and yeasts. It is effective in concentrations as low as 0.001%.

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GENERAL RECOMMENDATIONS:
The concentration required to achieve optimum results varies depending on the application. Optimal concentrations may be achieved by dilution with water or other compatible solvents. It is recommended to use the lowest effective concentration for the desired level of protection.

WATER SOFTENING:
The use of water softeners will not affect the performance of this product.

ENVIRONMENTAL HAZARDS:
This product 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 the National Pollutant Discharge Elimination System (NPDES). The permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product into sewer systems without notification of the local sewage treatment plant authorities. For guidance contact your State Water Board or Regional Office of the EPA.

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Physical and Chemical Hazards:
Deposit with out-of-date pesticides.

FIRST AID:
If in Eyes: Hold eyes open and flush with water for 15-20 minutes. Remove contact lenses, if present, and continue flushing eyes. Call a Poison Control Center or doctor for treatment advice.

If Inhaled: Move to fresh air. If not breathing, call 911 for an ambulance and then give artificial respiration. If not breathing, give mouth-to-mouth resuscitation. If not conscious or unconscious, give CPR immediately.

If Swallowed: Give 1/2 to 1 teaspoon of water or other clear liquid. Do not induce vomiting unless advised by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person.

In case of emergency, contact Arch Chemicals, Inc. at 1-800-454-6011.

PACKAGING:
Telephone: 561-962-6500

DANGEROUS TO HUMANS AND DOMESTIC ANIMALS:
DANGEROUS:
Contact burns, severe eye damage. May be fatal if inhaled. Avoid contact with skin or clothing. Harmful if swallowed. Harmful if absorbed through the skin. Avoid breathing dust. Prolonged or frequent repeated skin contact may cause allergic reactions in some individuals. Do not eat, drink, or smoke. Do not breathe vapor or mist. Wash thoroughly and let hands and face air dry before removing PPE. Do not allow repeated or prolonged exposure to ExxonMobil. Wash thoroughly and let hands and face air dry before removing PPE. Do not allow repeated or prolonged exposure to ExxonMobil.

User Safety Requirements:
Follow manufacturer's instructions for cleaning/removing PPE. If in such instructions for irritants exist, use detergent and hot water. Do not wear PPE separately from other chemical protective equipment. (See instruction label for complete list.)

User Safety Recommendations:
If in Eyes: Hold eyes open and flush with water for 15-20 minutes. Remove contact lenses, if present, and continue flushing eyes. Call a Poison Control Center or doctor for treatment advice. If Inhaled: Move to fresh air. If not breathing, call 911 for an ambulance and then give artificial respiration. If not breathing, give mouth-to-mouth resuscitation. If not conscious or unconscious, give CPR immediately. If Swallowed: Give 1/2 to 1 teaspoon of water or other clear liquid. Do not induce vomiting unless advised by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person. In case of emergency, contact Arch Chemicals, Inc. at 1-800-454-6011.

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