

BIOBAN™ BTCM Antimicrobial

In-can preservative for Paints, Coatings, Mineral Slurries and Building Materials

Regional Product Availability

NAA – United States

General

BIOBAN™ BTCM Antimicrobial is an aqueous dispersion that provides a robust balance between fast-acting and long-term preservation.

This combination provides great formulation flexibility to deliver globally-accepted levels of actives without compromising performance and cost.

Benefits

- Aqueous dispersion for easy incorporation
- Robust combination of actives in one drum
- Fast-acting and long-lasting preservation power
- EPA approved for use in coatings, paints, mineral slurries and most building materials formulations

Composition

- 9-11% BIT (1,2 benzoisothiazolin-3-one)
- 0.38-0.64% CMIT/MIT (Chloro-2-Methyl-4-isothiazolin-3-one / 2-Methyl-4-isothiazolin-3-one)

Physical Properties

The following are typical properties of BIOBAN™ BTCM Antimicrobial; **they are not to be considered product specifications.**

Appearance: Flowable dispersion, gray to slightly beige

pH (as supplied): 3 to 7

Specific gravity (H₂O = 1): 0.98 - 1.08 g/mL

Applications and Directions for Use

Use BIOBAN™ BTCM Antimicrobial for the control of bacteria and fungi in paints and coatings, latex emulsions, adhesives and tackifiers, and building materials as well as other formulations. Refer to label for the complete list of approved uses.

The table below lists the end-use applications for BIOBAN™ BTCM Antimicrobial in the United States. It is recommended that BIOBAN™ BTCM Antimicrobial is tested in the specific formulation in order to determine the best performing and cost-effective dosage level. Consult the product label for updated uses, dosages and for the approved uses in the state of California.

Application	Dose/Use Rates % (w/w)
Paints and Coatings	0.15% - 0.45%
Latex Emulsions	0.15% - 0.45%
Process Wash Solutions	0.15% - 0.45%
Adhesives and Tackifiers	0.15% - 0.45%
Building Materials	0.15% - 0.45%
Aqueous Mineral Slurries and Pigment Dispersions	0.15% - 0.45%
Inks and Fountain Solutions	0.15% - 0.45%
Silicone Emulsions	0.12% - 0.40%

Handling Precautions

Before using this product, consult the Material Safety Data Sheet (MSDS)/Safety Data Sheet (SDS) for details on product hazards and recommended handling precautions. The processing and use of industrial chemicals require adequate technical and professional knowledge.

In general, avoid eye and skin contact, wear safety goggles, gloves and protective clothing. In case of eye or skin contact despite precautionary measures, wash immediately and thoroughly with plenty of warm water and obtain medical attention.

The legal requirements prevailing in your country, especially on occupational safety and in the avoidance of accidents, must be observed.

Storage

Before using this product, consult the Material Safety Data Sheet (MSDS)/Safety Data Sheet (SDS) for details on product hazards and recommended product storage.

For optimal shelf life, store between 20°C and 25°C (68°F and 77°F). Storage temperatures: 10°C (50°F) to 40°C (104°F). Keep from freezing. BIOBAN™ BTCM Antimicrobial should be stored in original sealed containers in a shaded area. After prolonged storage, mix in sealed container prior to use.

Disposal Considerations

Dispose in accordance with all local, state (provincial) and federal regulations. Empty containers may contain hazardous residues. This material and its container must be disposed in a safe and legal manner.

It is the user's responsibility to verify that treatment and disposal procedures comply with local, state (provincial) and federal regulations. Contact your DuPont Technical Representative for more information.

Product Stewardship

When considering the use of any DuPont product in a particular application, review the latest Safety Data Sheet (SDS) and country-specific product label to ensure the intended use is within the scope of approved uses. DuPont has a fundamental concern for all who make, distribute, and use its products, and for the environment in which we live. This concern is the basis for our product stewardship philosophy by which we assess the safety, health, and environmental information on our products and then take appropriate steps to protect employee and public health and our environment. The success of our product stewardship program rests with each and every individual involved with DuPont products – from the initial concept and research, to manufacture, use, sale, disposal, and recycle of each product.

Customer Notice

DuPont strongly encourages its customers to review both their manufacturing processes and their applications of DuPont products from the standpoint of human health and environmental quality to ensure that DuPont products are not used in ways for which they are not intended or tested. DuPont personnel are available to answer your questions and to provide reasonable technical support. DuPont product literature, including Safety Data Sheets (SDS), should be consulted prior to use of DuPont products. Current Safety Data Sheets are available from DuPont.



Microbial Control

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