

ACTOMAX® MB28

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Product Description

ACTOMAX® MB28 is a zero VOC aqueous solution containing a combination of 5% 1,2-Benzisothiazolin-3-one (BIT) and 5% 2-Methyl-4-isothiazolin-3-one (MIT) with a broad-spectrum activity for the preservation of water-based products against spoilage from bacteria, yeasts and molds.

ACTOMAX® MB28 is useful for the protection of various systems such as, coatings, polymer dispersions, adhesives, caulks, sealants, inks, starch solutions, detergents, household cleaners, pigment slurries, concrete additives and other industrial applications.

ACTOMAX® MB28 is either used in formaldehyde-free systems or if an adaptation occurs against pure formaldehyde adducts.

Typical Applications					
	Pigment Dispersion	Emulsion Paint	Water-based Adhesives	Printing Ink	Polymer Emulsions

Physical Properties

Chemical Composition	Aqueous solution of 5% BIT + 5% MIT	Working Stability	Temperature up to 80 °C pH range 2 - 10
Appearance	Clear yellow to amber liquid	Solubility	Miscible with water, glycols
pH @ 25°C	9 - 11	Density @ 25°C	1.030 ± 0.02 Kg/L
Boiling point	100°C	Viscosity @ 25°C	9 - 12 sec (FORD CUP 4)

Dosage

Apply ACTOMAX® MB28 @ 0.05 - 0.50 %.
The level required to protect any particular system depends on a variety of factors:

- Initial level of microbiological contamination.
- The components of the system.
- Residual reducing and oxidizing agents.
- Temperature and pH of the system.

Directions For Use

For best results, ACTOMAX® MB28 should be added at the end of the production process.

ACTOMAX® MB28 can be added during grinding, mixing and high temperature polymerization

Safe Handling Information

Use biocides safely. Always read the label and MSDS before use.

Storage

Stable under normal conditions of storage down to 0°C. If frozen, allow to thaw and stir well before use. Active agents are heat-stable.

Packaging

	30/25 kg Jerrycan		1000 kg IBC Tank		+3 Tons Refill & Go
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Shelf Life | 12 Months