

ACTOMAX® M80

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Product Description

ACTOMAX® M80 is an aqueous solution containing 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® M80 is useful for the protection of various systems such as polymer dispersions, starch solutions and other industrial applications.

ACTOMAX® M80 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	8% Aqueous solution MIT	Working Stability	Temperature up to 80 °C pH range 2 - 10
Appearance	Clear to yellowish liquid	Solubility	Miscible with water, glycols
pH @ 25°C	3 - 6	Density @ 25°C	1.035 ± 0.02 Kg/L
Boiling point	100°C	Viscosity @ 25°C	9 - 12 sec (FORD CUP 4)

Dosage

Apply ACTOMAX® M80 @ 0.05 - 0.50 %.
The level required to protect any 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® M80 should be added at the beginning of the production process.

ACTOMAX® M80 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.

Packaging



Shelf Life | 24 Months