

ACTOMAX® C40

JAN 2025

Product Description

ACTOMAX® C40 is a CMIT/MIT (FORMALDEHYDE FREE) in-can preservative with a broad-spectrum activity for the preservation of water-based products against spoilage from bacteria, yeasts, fungi and algae.

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

Antimicrobial Activity

BACTERIA	<i>Bacillus subtilis</i> <i>Enterobacter aerogenes</i> <i>Escherichia coli</i> <i>Proteus vulgaris</i> <i>Pseudomonas aeruginosa</i> <i>Pseudomonas fluorescens</i>	ALGAE	<i>Chlorella fusca</i> <i>Anabaena cylindrica</i>
FUNGI	<i>Aspergillus niger</i> <i>Chaetomium globosum</i> <i>Penicillium funiculosum</i> <i>Ulocladium consortiale</i>	YEAST	<i>Candida albicans</i> <i>Saccharomyces cerevisiae</i>

Physical Properties

Chemical Composition	Aqueous solution of CMIT/MIT (3:1)	Working Stability	Temperature up to 60°C pH range 3-9
Appearance	Clear to yellowish liquid	pH @ 25°C	3 - 5.5
Solubility	Miscible with water, glycols	Density @ 25°C	1.035 ± 0.02 Kg/L
Boiling Point	100°C	Viscosity @ 25°C	9-11 sec (FORD CUP 4)

Dosage

Apply ACTOMAX® C40 @ 0.05 - 0.35 %.
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® C40 should be added as early in the production process as possible. If high temperatures or highly alkaline pH values are expected during production, the dosage of ACTOMAX® C40 should be divided to be added at the beginning and at end of the production process.

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

	30/25 kg Jerry can		1000 kg IBC Tank		+3 Tons Refill & Go
---	-----------------------	---	---------------------	---	------------------------

Shelf Life | 12 Months