

CANNYTOL® C60

Jan 2025

Product Description

CANNYTOL® C60 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	 Personal Care & Cosmetics
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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	1.030 ± 0.02 Kg/L
Boiling Point	100°C	Viscosity @ 25°C	9-11 sec (FORD CUP 4)

Dosage

Apply CANNYTOL® C60 at 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, CANNYTOL® C60 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 CANNYTOL® C60 should be divided to be added at the beginning and at end of the production process.

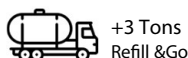
Safe Handling Information

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



Shelf Life | 12 Months