KENCIDE® B901

JAN 2025

Product Description

KENCIDE® B901 is a pale yellow to amber solution containing 10% 1,2-Benzisothiazolin-3-one (BIT) with a broad-spectrum activity for the preservation of water-based products against spoilage from bacteria, yeasts and molds.

Typical Applications	Personal Care & Cosmetics	Detergents	Disinfectants

Antimicrobial Activity

BACTERIA	*Bacillus subtilis* | *Alcaligenes faecalis* | *Escherichia coli* | *Corynebacterium* | *Staphylococcus aureus* | *Klebsiella pneumoniae* | *Proteus vulgaris* | *Salmonella typhi*
MOLDS	*Alternaria alternata* | *Aspergillus niger* | *Chaetomium globosum* | *Penicillium citrinum* | *Sclerophoma pityophila* | *Rhizopus oryzae* | *Trichophyton mentagrophytes* | *Geotrichum candidum*
YEAST	*Candida albicans* | *Rhodotorula rubra* | *Saccharomyces cerevisiae*

Physical Properties

Chemical Composition	Solution of 10% BIT	**Working Stability**	Temperature range 0 °C up to 100 °C pH range 2 - 12
Appearance	Clear yellow to amber liquid	**Solubility**	Miscible with water, glycols
pH @ 25°C	11 – 13.5	**Density @ 25°C**	1.05 ± 0.02 Kg/L
Initial Boiling Point	100 °C	**Viscosity @ 25°C**	9 – 11 sec (FORD CUP 4)

Dosage

Apply **KENCIDE® B901** @ 0.05 - 0.30 %.
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, **KENCIDE® B901** should be added at the end of the production process.
KENCIDE® B901 can be added during grinding, mixing and high temperature processes.

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).
Active agents are heat-stable.

Packaging

30/25 kg Jerrycan | **1000 kg** IBC Tank | **+3 Tons** Refill &Go

Shelf Life | 24 Months

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