



Chemipol

BIOPOL® IB 61

Preservative for waterborne technical products

Characteristics

BIOPOL IB 61 is a broad spectrum biocide based on aqueous combination of CMIT/MIT and bronopol. It is specially recommended for the preservation of a broad range of water-based technical formulations non compatible with N and O formals.

The balance of its active ingredients reduces the risk of contact allergic. It is free of solvents and VOC.

Applications and doses

BIOPOL IB is an excellent in-can preservative for technical waterborne products such as dispersion paints, dispersion plasters, polymer dispersions, glues, adhesives, sealants, starch, detergent formulations and household products.

The optimum dose of **BIOPOL IB 61** as preservative should be determined by the means of challenge tests in our laboratories, but we can recommend a dose between 0,05 and 0,30 % depending on the application.

Technical data

Appearance	Clear, colourless or slightly yellow
Odour	Characteristic
Density	1.06 ± 0.01
pH	3 – 5
Solubility	Totally soluble in water

Use guidelines

BIOPOL IB 61 is fully soluble in water and usual polar solvents. It is stable in pH between 3 and 9 and temperatures up to 60 °C. It is recommended its addition in an early production stage. Beware with pH and temperature. Avoid strong redox conditions.

Effectiveness

BIOPOL IB 61 has shown its effectiveness against the following microorganisms among others.

Bacteria

Enterobacter gergoviae
Escherichia coli
Pseudomonas aeruginosa
Staphylococcus aureus
Pseudomonas fluorescens

Fungus and yeasts

Candida albicans
Aspergillus niger
Saccharomices cerevisiae

General information on storage, safety and transport

BIOPOL IB 61 is not classified as dangerous product for transport, being labelled as irritant Xi. For further information refer to the material safety data sheet.

Protect from frost, heat and direct sunlight. Store at room temperature in the original container. If well stored, its shelf life is 1 year. Available packaging is 60 and 1000 KG.

Our recommendations regarding our products are based on in-depth tests developed by our Technical Department. They are given in good faith, but no liability can be derived from them. Use biocides safely. Always read the label and product information before use.

