



Chemipol

BIOPOL-WJ

Preservative for waterborne technical products

Characteristics

BIOPOL-WJ is a broad spectrum biocide based on aqueous solution of CMIT/MIT. It is suitable for the preservation of a broad range of waterborne products, with an excellent low cost effectiveness. It is free of formaldehyde and copper salts. It is also free of solvents and VOC.

Applications and doses

BIOPOL-WJ is an excellent in-can preservative for dispersion paints, dispersion plasters, polymer dispersions, glues, adhesives and sealants.

The optimum dose of BIOPOL-WJ 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 | 1.09 ± 0.01 |
| pH | 3 - 5 |
| Solubility | Totally soluble in water |

Use guidelines

BIOPOL-WJ 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-WJ has shown its effectiveness against the following microorganisms among others.

Bacteria

Bacillus subtilis
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-WJ is classified as dangerous product for transport, being labelled as corrosive C. 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.

