Product properties – Technical sheet

WIGOL® Reinigung und Desinfektion

CARBOCID B	Item no.: 60 50 25

Areas of application

Carbocid B is a mild acid disinfectant with a very good bactericidal effect, based on Polymer Biguanid.

Carbocid B is a not foaming product, suitable for the use in CIP-systems.

Carbocid B is especially developed for the removal of bacteria, yeast plants and moulds in food industry equipment (wine producers, breweries, soft drink industry, meat and meat processing industry).

Carbocid B can be used in CO_2-Atmosphere.

Carbocid B can be rinsed without any residues.

Method of application

Re-circulation, CIP or spray rinsing procedure:

Concentration: 5 – 15 g/l (0.5 – 1.5 %)

Temperature: cold – 70° C

Time: 15 – 30 minutes

Micro organism	Concentration 5 min., cold
Staphylococcus aureus	1.5 g/kg (0.15 %)
Escherichia coli	1.5 g/kg (0.15 %)
Pseudomonas aeruginosa	1.0 g/kg (0.10 %)
Streptococcus faecalis	2.0 g/kg (0.20 %)
Saccharomyces	5.0 g/kg (0.50 %)

If Carbocid B is used after alkaline cleaning processes, the system must be rinsed thoroughly with water before the disinfection.

After having used the product rinse thoroughly with drinking water to remove any possible residues!

Material compatibility

PVDF, PP, PE, PVC, Stainless Steel, Glass, Tiles

Carbocid B must not be used on plastic, especially perspex. In addition, further material incompatibilities cannot be excluded. Therefore, test the product on an unimportant spot before its definite use.

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Analysis of concentration	see titration method		
Physical and chemical properties			
Aspect/colour	Colourless		
Shape	Liquid		
Odour	Odourless		
Foaming behaviour (see under conditions of application)	Slightly foaming		
Phosphates	None		
Density (20°C) g/cm³	1.020 – 1.040		
Concentration	**1% in H_2O dest.**	**3% in H_2O dest.**	**5% in H_2O dest.**
pH value (1%, 20°C)	2.9 – 3.5	not applicable	not applicable
Conductance (1%, 20°C) mS/cm	not applicable	not applicable	not applicable
Phenolphthalein alkalinity (ml)	not applicable		
m-Wert (ml)	not applicable		
Storage stability	+ 5°C - + 30°C		
Remarks regarding biocides	**Biocides reliably use. Before use always read marking and product information!** **The product contains:** **120 g/kg Polyhexamethylenebiguanide**		
Hazardous products and risk symbols	Polyhexamethyl-enbiguanide  **DANGER** **WARNING** **WARNING**		
Special remarks	Always close the container with the original closure, and store the items in a cool area without solar radiation. Product which was taken out of the container must never be poured back into the container. **Read in any case our safety data sheet before using the product!**		
Disposal	Disposal acc. to official regulations, in case of doubt contact the manufacturer.		

Please refer to our safety data sheets and our operating instructions with regard to precautionary measures, first aid measures and storage. The information given in the Sheet corresponds to the present state of our technical knowledge and experience. They do not constitute any guarantee; they are to be considered as basic information only. In particular they do not guarantee particular properties or the suitability for a concrete purpose. Because of the multitude of possible influences during the application of our products, the user has to make in any case the relevant tests and take the corresponding precautions. Any existing intellectual property rights are to be observed.