

Technical product information

calgonit Duocip

Acidic CIP cleaning and disinfecting agent



Product benefits

- free of Bromoacetic acid and chlorine
- P-free
- economic and sustainable in use
- neutral in odour
- easy to rinse off

General Description

calgonit Duocip is a liquid, highly acidic detergent based on organic and inorganic acids for automatic cleaning and disinfection of pipe work, fermentation and storage tanks under carbon dioxide atmosphere. Due to the combined acidic post-cleaning and disinfection step the cleaning times are considerably reduced.

calgonit Duocip is low foaming, can be dosed by conductivity and is easily rinsed off. It is especially suitable to minimize the P-amount in waste water.

calgonit Duocip shows a very good microbiological efficacy against microorganisms typically found in the beverage production like *Lactobacillus brevis* or *Saccharomyces cerevisiae*.

calgonit Duocip is neutral in odour and has no influence on the taste of the beer.

Application

Bacteria: 1% (10 g/l), 5 min.

Yeasts: 1% (10 g/l), 15 min.

Concentration: 0.75 - 1.5 % (depending on soiling and contact time)

Temperature: cold

Contact time: 30 to 45 minutes

If used as fermentation tank cleaner a slightly alkaline pre rinse is recommended.

After cleaning rinse thoroughly with tap water.

Determination of concentration

Titration of m-value with 1 N NaOH.

Material Compatibility

Stainless steel will not be affected by the solution. Aluminium is slightly etched.

Technical Data

Appearance	clear, colourless liquid
Odour	slightly like surfactant
Conductivity (1%, mS/cm)	6,5
Density (g/cm ³)	1,11
m-Value (1%)	-3,4
pH-Value (1%)	1,8
Storage	0°C - 35°C

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Handling references

Use biocides safely. Always read safety data sheet and product information before use.

Ingredients Inorganic and organic acids, surfactants, solubilizers

For health and safety information, refer to the Safety Data Sheet (SDS) for this product.

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