

calgonit CF 312

Alkaline foam detergent-sanitizer with active chlorine



Product benefits

- removes tenacious soil
- stable foam
- economic in use
- phosphate-free

General Description

calgonit CF 312 is a concentrated liquid alkaline foam detergent-sanitizer with active chlorine. It is free of silicate and can be used in all areas of the food and beverage industry to remove organic soil contaminants from all kinds of surfaces.

calgonit CF 312 is hard water tolerant, builds up a stable foam, can easily be rinsed off and provides excellent hygienic conditions.

calgonit CF 312 effectively removes protein and fat as well as any other persistent, organic deposits and is used for the cleaning of machines, containers, tiled walls and floors.

Application

Disinfection:

EN 1276 bacteria: 3% (30 g/l), 5 Min.

EN 13697 bacteria: 5% (50 g/l), 5 Min.

EN 1650 fungi: 3% (30 g/l), 15 Min.

EN 13697 fungi: 5 % (50 g/l), 15 min.

Cleaning and disinfection:

calgonit CF 312 is usually applied using a proper foamizing equipment at a concentration of 3 to 10% with a contact time up to 20 minutes depending on level of soil.

After cleaning surfaces should be rinsed thoroughly with tap water.

Determination of concentration

Titration of p-value with 1 N HCl

Titration of active chlorine with 0.1 N sodium thiosulphate

Material Compatibility

calgonit CF 312 can be used as recommended on stainless steel, ceramic tiles and most plastic materials.

Chemical attack will occur after contact with aluminium and non-ferrous metals. Not suitable for galvanised materials.

Hygienemanagement and Consulting

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Technical product information

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TechnicalData

Appearance	clear, yellowish liquid
Odour	slightly like chlorine
Active chlorine (%)	4
Conductivity (1%, mS/cm)	5,6
Temperature for use	45°C -55°C
Density (g/cm ³)	1,17
pH-Value (1%)	12,1
p-Value (1%)	2,2
Storage	-5°C - 45°C

Handling references

Use biocides safely. Always read the label and product information before use.

Ingredients Caustic, hardness stabilizers, surfactants, biocide

For health and safety

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