

# Technical product information

## calgonit DS 625

Acidic disinfectant based on peracetic acid



### Product benefits

- non foaming
- effective at low temperature
- broad spectrum kill
- economical in use

### General Description

calgonit DS 625 is a liquid, slightly acidic disinfectant based on hydrogen peroxide and peracetic acid. It effectively kills bacteria, yeasts and fungi even at low temperatures.

calgonit DS 625 is also suitable for commercial laundries.

calgonit DS 625 does not foam and is therefore suitable for automatic disinfection of tanks, containers, pipelines and equipment in the milk, food, soft drink and brewing industry.

calgonit DS 625 is tested according to all required European EN standards.

### Application

#### Food and beverage industry:

CIP, 5/15 min, 20°C [EN 1276, 1650]: bacteria 0.25%, yeasts 0.15%, fungi 1.5%

Surface, 5/15 min, 20°C [EN 13697]: bacteria 0.15%, yeasts 0.2%, fungi 2.0%.

#### Livestock farming, animal transport:

Surface, 30 min, 20°C [EN 14349, 1657, 14675]: bacteria 0.3%, yeasts 0.3%, fungi 2.5%, viruses 0.05%.

Milking equipment intermediate disinfection, 1.5 – 2.0 %, 20 – 30 sec.

#### Laundry disinfection:

EN 13727, EN 16616, 40°C, 20 minutes: bacteria, 5.1 ml calgonit DS 625/L wash liquor (at a liquor to cloth ratio 1 : 5) in combination with 3.2 mL calgonit Safe Advance /L wash liquor

EN 13727, EN 16616, 60°C, 20 minutes: bacteria, yeasts, moulds, mycobacteria, 5.1 ml calgonit DS 625/L wash liquor (at a liquor to cloth ratio 1 : 5) in combination with 3.2 mL calgonit Safe Advance /L wash liquor

After cleaning rinse thoroughly with tap water.

### Determination of concentration

A special method for determination is available on request.

### Material Compatibility

Stainless steel and aluminium are resistant against the use solution when applied cold. Not suitable for copper (staining). Plastic materials and hoses should be checked with regard to resistance. Premature ageing of plastic materials by oxidation is possible in particular cases.

### Technical Data

Appearance	clear, colourless liquid
Odour	pungent
Peracetic Acid concentration (%)	5
p-Value (1%)	-2,5
Storage	-7°C - 30°C

### Hygienemanagement and Consulting

Calvatis GmbH

Am Hafen 16

68526 Ladenburg

Tel. +49 6203 105-0, Fax +49 6203 105-111

The function of this data sheet is to provide information on the application of the above product. The technical details included in this sheet with regard to the application of the product are based on current technical experience and are suitable for use in normal working conditions. In case of special or unusual working conditions, please consult our customer support service. Neither the data contained in this publication, nor recommendations made by either us or our application technology advisory service represent a legally binding guarantee of either the suitability of this product for a specific application nor of certain characteristics. We draw your attention in this respect to paragraph no. 5 of our General conditions of sale.

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### Handling references

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

**Ingredients** peroxyacetic acid, hydrogen peroxide, acetic acid, stabilizers

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

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