

# FOAM B-25

UPDATED ON : 23/04/24

**For alkaline foam cleaning of heavily soiled floors, tiles, equipment made of stainless steel and synthetic material in dairies and cheese processing industries.**

## Physico-chemical characteristics:

Appearance	Clear liquid
Colour	Orangey
Odour	Characteristic
Pure pH	Not applicable
pH value at 10g/l	12.7
Mass density (20°C)	1.31±0.01 g/cm <sup>3</sup>
Freezing point	Not available

## Environmental criteria :

chemical oxygen demand (COD)	76.9 grams of dioxygen per kilogram
Phosphorus	0.48 %
Nitrogen	< 0.1 %

## Properties :

Excellent dissolution properties of proteins and fats.  
FOAM B-25 generates a stable foam.  
FOAM B-25 is especially suitable for automatic foam cleaning devices.

## Application :

## Instructions:

Apply by spraying with foam cleaning equipment at a pressure of 4 – 6 bar.  
Concentration: 3-6%  
Temperature: 20-65 °C  
Cleaning time: 15-30 min  
Subsequently rinse with clear, cold water before foam solution starts drying.  
Do not apply on hot plants/equipment.

## Control parameters :

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Test sample : 10ml

Colored Indicator: Phenolphthalein 0.9% (w/v) or o-cresolphthalein 0.9% (w/v)

Reagent : HCl 0.1N

Titrated factor :  $f = 0.159 \pm 0.01$

Concentration in % = consumed volume \* f

Concentration in g/l = consumed volume \* f \* 10

- Fill the 25 ml burette with the titrant solution
- In a 250 ml Erlenmeyer flask, place the sample test portion to titrate
- Add about 10 drops of endpoint indicator
- Manually homogenize the Erlenmeyer flask content
- Titrate with the titrant solution until the color of the sample solution changes
- Note the volume of titrant consumed.

## **Packaging :**

Jerrycan	22l	Yellow	25kg
Drum	220l	Dark blue	250kg
IBC	1000l	Natural colour	1250kg

## **Quality - Safety**

Refer to the Safety Data Sheets available on the Internet : <http://www.kersia-group.com>

## **Regulations**

This product is complying with the legislation regarding products used for cleaning surfaces being in contact with foodstuffs, products and beverages for human and animal consumption.

FOAM B-25 is a mixture in compliance with the Regulation (EC) n° 1907/2006 of 18 décembre 2006, concerning the Registration, Evaluation and Autorisation of Chemicals (REACH), whatever the manufacturing site.

Substances concerned by the REACH Regulation and contained in FOAM B-25 were pre-registered or registered by our firm or by our upstream suppliers.

FOAM B-25 doesn't contain substance of "Very high Concern" in the candidate list of substances for Autorisation published and updated regularly by ECHA.