AntiFoam® F12

Aqueous, pH-neutral silicone-free foam regulator for **kolb** cleaning detergents

Part No. 090683-1 // Content: 1000 ml

PS PowerSpray® · Additive
AF AirFlow® · DF DeFoaming
US UltraSonic · LowConduct

Application overview

The defoamer is an additive which can destroy foam bubbles, although they are stabilized by surfactants. For this it is necessary that it penetrates into the foam lamellae to spread there, which leads to the bursting of the foam bubbles, thus eliminating the undesired foaming.

Technical data	
Color	white
pH-value at 20 °C	7,8
Conductance at 20 °C	< 100 µS/cm
Flash point	> 100 °C
VOC content	< 20 %
Water solubility (at 20 °C)	< 10 g / l
Application	diluted 0,007 to 3%
Application temperature	20 - 45 °C
Storing (in original container)	10 - 30 °C
CLP / GHS	classified as non-hazardous

AntiFoam® F12 is a surface active single-compound antifoaming agent which can be added, depending on water hardness, in a ratio of approx. 0,007 to 3 % to the detergent / water mix and can be rinsed residue free.

Detergents	
MultiEx® VR-series	++
MultiEx® 3D-series	++
MultiEx® A12	++
MultiEx® B11	++
MultiEx® NAO	++
MultiEx® Rapid	++
ContraFlux® detergents	++

Machine technologies	
Spray-in-air / (PowerSpray®)	++
Spray-in-immersion systems	++
Air-in-immersion (AirFlow®)	++
Ultrasonic systems	o

++ = ideal for application, + = recommended, o = optionally applicable, — = not recommended

Note: The spreadsheet only shows a general overview of the product specifications.Cleaning tests are reasonable to determine the optimum cleaner configuration. Such tests may be carried out directly at the **kolb** demonstration center in Willich / Germany or Shanghai / China or can be initiated by contacting your local **kolb** partner.

kolb AntiFoam® F12 is compliant with all worldwide legal regulations and directives (REACH, RoHS, TSCA etc.) on the basis of own internal checks, analyses provided by suppliers and / or material certifications of the raw materials used in the production of **kolb** Cleaning Technology GmbH.

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