



## AntiFoam® F12

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

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

## CLEANING TECHNOLOGY

Made in Germany



### 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
Odor	characteristic
ph-value at 20 °C	7,8
Initial boiling point and range	not determined
Flash point	> 93,3 °C
Density at 20 °C	1,01 g / cm <sup>3</sup>
Water solubility (at 20 °C)	< 10 g / l
Viscosity (dyn.) at 20° C	> 2500 mPa s
Application	diluted 0,007 to 3%
Application temperature	20 - 150 °C
Storing frost-free	in original container
EWC key number	070799
CLP / GHS	classified as non-hazardous
<p>AntiFoam® F12 is a surface active single-compound antifoaming agent which can be added, depending on water hardness, in a ratio of approx. ca. 0,007 to 3 % to the detergent / water mix and can be rinsed residue free.</p>	

Applications	
kolb detergents	++
Spray-in-air systems	++
Spray-in-immersion systems	++
Air-in-immersion systems	++
Ultrasonic systems	o
Manual application	—
<p><b>++ = ideal for application, + = recommended, o = optionally applicable, — = not recommended</b></p> <p><b>Note:</b> The spreadsheet only shows a general overview of the product specifications.</p> <p>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.</p>	