



# MultiEx® A12

Multifunctional aqueous alkaline broadband cleaning detergent particularly for colophonium and flux



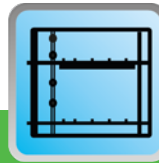


Part No. 090607-RM25 // Contents: 25 l

## CLEANING TECHNOLOGY

Made in Germany



### Application overview

				
<b>Most suitable</b>	<b>Optional suitable</b>	<b>Most suitable</b>	<b>Most suitable</b>	<b>Optional suitable</b>
Assembled PCBs Hybrids Misprints	Stencils Screens, PumpPrints Misprints	Solder frames Solder carriers Solder masks	ESD boxes Containers Magazines	Condensation traps Filters Steel sheets

Technical data	
Color	transparent
Odor	specific
pH-value at 20 °C	11,0
Initial boiling point and range	not determined
Flash point	100 °C
Density at 20 °C	0,990 g / cm <sup>3</sup>
Water solubility	easily soluble
Viscosity (dyn.) at 20 °C	30 mPa·s
Application	pure
Application temperature	20 - 45 °C
Storing frost-free	in original container
EWC key number	070699
CLP / GHS	not classified as hazardous
MultiEx® A12 cleans particularly colophonium and flux thorough and with best material protection from assembled PCBs, misprints, screens, solder frames, solder pallets, ESD boxes, PCB magazines.	
ReadyMix for direct use in the cleaning system.	

Applications	
SMD adhesive	+
Solder paste	++
Low voc flux	++
Colophonium flux	++
Waterbased flux	++
Solder paste (soldered)	++
Oil / Grease	++
Spray-in-air systems	++
Spray-in-immersion systems	++
Air-in-immersion systems	++
Ultrasonic systems	+
Manual application	o
<b>++ = ideal for application, + = recommended, o = optionally applicable, - = not recommended</b>	
<b>Note:</b> 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 <b>kolb</b> demonstration center in Willich / Germany or Shanghai / China or can be initiated by contacting your local <b>kolb</b> partner..	

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