



MultiEx® B11

Aqueous alkaline broadband cleaning detergent for SMD paste, SMD adhesive colophonium and flux

Part No. 090637-CN10 // Content: 10 l (Container)

Part No. 090637-CN25 // Content: 25 l (Container)

CLEANING TECHNOLOGY

Made in Germany



Application overview

Optional suitable	Most suitable	Most suitable	Most suitable	Optional suitable
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	yellowish
Odor	specific
ph-value at 20°C	11,1
Melting point	not determined
Initial boiling point and range	180 - 243° C
Flash point	not determined
Flammability (solid & gas)	not applicable
Explosion limits	not determined
Auto-ignition temperature	not applicable
Density at 20° C	0,955 g / cm³
Water solubility	easily soluble
Viscosity at 40° C	22 mm² / s
Application	mix 1 : 2,5 - with tap water
Storing frost-free	in original container
GHS signal word	Warning (GHS 07)
MultiEx® B11 is a detergent concentrate, cleaning particularly SMD paste, SMD adhesive and (conditionally) colophonium and flux thorough and with best material protection from stencils, screens, solder frames, solder pallets, ESD boxes and PCB magazines.	
Concentrate for blending with tap water.	

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 cleaning	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..	

All modifications due to technical improvements are subject to change without notice.