



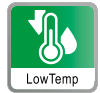
MultiEx® N-P1

CLEANING TECHNOLOGY

Made in Germany

Multifunctional pH-neutral PCBA cleaning detergent especially for flux and solder paste

Part No. 091609-RM25 // Contents: 25 l



Application overview

Most suitable	Optional suitable	Optional suitable	Optional suitable	Not suitable
 PCBAs, Hybrids Power electronics Misprints (mounted)	 Stencils Screens Misprints (bare boards)	 Solder frames Solder carriers Solder masks	 ESD boxes Containers Magazines	 Condensation traps Filters Steel sheets

Technical data	
Color	transparent
ph-value at 20 °C	7,5
Conductance at 20 °C	< 100 µS/cm
Flash point	> 100 °C
VOC content	< 20 %
Application	pure
Water solubility	fully soluble
Application temperature	20 - 45 °C
Storing (in original container)	10 - 30 °C
CLP / GHS	GHS 07
MultiEx® N-P1 is a single-phase pH-neutral PCBA cleaner and dissolves flux and solder paste quickly, thoroughly and gently - suitable for high-current applications.	
ReadyMix for direct use in a cleaning system	

Contaminations	
Adhesive / Glue	o
Solder paste	++
Flux	++
Thermal compounds	—
Grease / Oil	o
Coating / Varnishing	—
Machine Technologies	
Spray-in-air / (PowerSpray®)	++
Spray-in-immersion	++
Air-in-immersion (AirFlow®)	o
Ultrasonic systems	o
Manual application	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 MultiEx® N-P1 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.