CLEANING TECHNOLOGY

Made in Germany



MultiEx® 3D-E14

Aqueous 3-dimensional special detergent for the combined cleaning of 1. colophonium, 2. deoxidizers, 3. passivates

Part No. 090646-RM10 // Contents: 10 I Part No. 090646-RM25 // Contents: 25 I















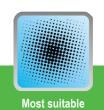




Application overview



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	tansparent
Odor	specific
ph-value at 20°C	11,0
Melting point	not determined
Initial boiling point and range	100° C
Flash point	not determined
Flammability (solid & gas)	not applicable
Explosion limits	not determined
Auto-ignition temperature	not applicable
Density at 20° C	0,99 g / cm³
Water solubility	fully soluble
Viscosity at 20° C	30,0 mPa⋅s
Application	pure
Storing frost-free	in original container
GHS signal word	Warning (GHS 07)

MultiEx® 3D cleans particularly colophonium SMD paste and flux quickly, thoroughly and with best material protection from DCBs, ceramic substrates and PCBs.

ReadyMix for direct use in a cleaning system.

Applications	
Copper ocide Cu ₂ O	++
SMD adhesive	0
Solder paste	++
Low voc flux	++
Colophonium flux	++
Waterbased flux	++
Solder paste (soldered)	++
Spray-in-air systems	++
Spray-in-immersion systems	+
Air-in-immersion systems	+
Ultrasonic systems	+
Manual application	0
++ = ideal for application, + = recommended.	

++ = 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.