# MultiEx® N-P1

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

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



## Application overview

| Most suitable | Optional suitable | Optional suitable | Optional suitable | Not suitable |
|---|---|---|---|---|
| Assembled PCBs | Stencils | Solder frames | ESD boxes | Condensation traps |
| Hybrids | Screens, PumpPrints | Solder carriers | Containers | Filters |
| Misprints | Misprints | Solder masks | Magazines | Steel sheets |

## Technical data

| | |
|---|---|
| Color | transparent |
| Odor | specific |
| ph-value at 20 °C | 7,5 |
| Melting point | not determined |
| Initial boiling point and range | > 185 °C |
| Flash point | not determined |
| Density at 20 °C | 0,935 g / cm³ |
| Water solubility | fully soluble |
| Viscosity (kin.) at 20 °C | not determined |
| Application | pure |
| Application temperature | 20 - 45 °C |
| Storing frost-free | in original container |
| EWC key number | 070699 |
| CLP / GHS | GHS 07 |

MultiEx® N-P1 is a single-phase pH-neutral PCBA cleaner and dissolves rosin, flux and solder paste quickly, thoroughly and gently - suitable for high-current applications.

ReadyMix for direct use in a cleaning system.

## Applications

| | |
|---|---|
| SMD adhesive | o |
| Solder paste | ++ |
| Low voc flux | ++ |
| Colophonium flux | ++ |
| Waterbased flux | ++ |
| Solder paste (soldered) | ++ |
| Oil / Grease | o |
| Spray-in-air systems | ++ |
| Spray-in-immersion systems | ++ |
| Air-in-immersion systems | 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.

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