



**CF1<sup>®</sup>**

# CLEANING TECHNOLOGY

Made in Germany

Highly effective detergent for the manual cleaning of SMD reflow ovens, wave solder equipment and machine parts

Part No. 090618 // Package: 13 x 1000 ml

Part No. 090618-10 // Content: 10 l



## Application overview

The manual application is done by spraying or moistening the surface and rubbing with a towel after a short exposure time. For hardened and old contamination we recommend the product **kolb G50<sup>®</sup>**, Part No. 090620.

| Technical data   |                             |
|--|-----------------------------|
| Color  | tansparent                  |
| Odor   | specific                    |
| ph-value at 20°C   | 10,9                        |
| 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   | 1,026 g / cm <sup>3</sup>   |
| Water solubility   | easy soluble                |
| Viscosity at 20° C   | 32 mm <sup>2</sup> / s      |
| Application  | pure                        |
| Storing frost-free   | in original container       |
| Hazards statement  | Not classified as hazardous |
| <p>CF1<sup>®</sup> oven cleaner cleans colophonium (rosin) and flux quickly, thoroughly and with best possible material protection e.g. from machinery parts, solder frames, carriers, aluminum, PVC, stainless steel, glass etc. without rinsing.</p> |                             |

| Applications  |    |
|---|----|
| SMD adhesive  | —  |
| 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  | —  |
| Ultrasonic systems  | —  |
| Manual application  | ++ |
| <p><b>++ = ideal for application, + = recommended, o = optionally applicable, — = not recommended</b></p> <p><b>Note:</b> The spreadsheet only shows a general overview of the product specifications.</p> <p>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.</p> |    |

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