Status: 4/23/2026

InkClean R4

Alkaline, water based cleaner concentrate

Properties

- Relatively low application temperature
- Also for manual application (observe safety instructions)
- Economical due to long service life of the wash bath and use in aqueous dilution

Application

InkClean R4 is a highly alkaline cleaning concentrate for the production of aqueous washing baths for closed cleaning processes. InkClean R4 is designed for the removal of printing inks from printing and anilox rollers. Used undiluted, InkClean R4 is ideal for manual cleaning processes. In the application concentration, the wash bath is foam-free above 40 °C.
Instructions for use:
Cleaned surfaces should be rinsed with water. Evaporation and carry-over can reduce the wash bath. Resharpen with the cleaner concentrate and water at the starting concentration.

Suitable surfaces: steel, stainless steel, ceramic, Teflon, HDPE, chrome (after consultation)
Unsuitable surfaces: Aluminium, galvanized components, non-ferrous metals, plastics
Area of application: Cleaning of printing and anilox rollers
For the removal of: even heavily cross-linked, dried printing inks (solventbased, UV, waterbased: after testing)

Dosing

Closed Spraying and Immersion Method	
Concentration	10 % – 60 %
Temperature	30 °C – 60 °C

Manual method	
Concentration	100 %
Temperature	20 °C – 30 °C

Technical data

Density (20°C)	pH-value
1,01 kg / l	11,5 ; 1 %

Cleaning bath

Flashpoint	pH-value
> 95 °C (Pensky-Martens DIN EN 22719-A)	13 - 14

Titration

The concentration of the cleaning agent can be determined regularly by titration (with hydrochloric acid 1 M). The corresponding work instructions (available at cleaning@buefa.de) must be followed exactly.

BÜFA Cleaning GmbH & Co. KG · August-Hanken-Str. 30 · 26125 Oldenburg · GERMANY
Phone +49 441 9317-251 · cleaning@buefa.de · www.buefa-cleaning.com

Depending on the method, different titration factors must be used to calculate the concentration:

Indicator method:
Titration factor: 7.27
Consumption of hydrochloric acid (ml) x 7.27 = concentration in %

pH value method:
Final pH value: 8.7
Titration factor: 6.63
Consumption of hydrochloric acid (ml) x 6.63 = concentration in %

Notes

Store the product in its original container.
Storage should be frost-proof, although the solidified products can be used again after thawing without any loss of quality.