

deconex® FORMULA 1

Liquid high-performance cleaner

Suitable for automated cleaning processes (CIP spray cleaning or in thermodisinfectors), for manual cleaning operations or in ultrasonic systems



Application

deconex® FORMULA 1 removes stubborn residue such as oils, silicon oils, fats and other lipophilic substances

- in the laboratories
- in the pharmaceutical industry
- in the cosmetics industries
- in the petrochemical industry

Properties

deconex® FORMULA 1 is a highly concentrated, alkaline cleaner for extreme loads.

Unique: deconex® FORMULA 1 impresses with its triple effect in one product.

This outstanding performance is the result of a new formula which contains surfactants carefully adapted to the application. deconex® FORMULA 1 is a foam-free cleaner. Does not corrode materials like glass, ceramic and stainless steel.

deconex® FORMULA 1 features the following characteristics

- liquid, highly alkaline
- foam-free
- phosphate-free
- silicate-free
- easy to rinse off
- free of NTA

Properties	Customer benefit
Alkaline cleaner	High-performance cleaning
Contains special, emulsifying surfactants	There is no need for a surfactant additive. No need for additional dosing pump or use of an additive.
Specific surfactants work to stop foaming	Prevents foaming problems caused by residue. This achieve higher cleaning performance. There is no need to add an anti-foaming agent.

Ingredients

Alkali donor, sequestering agent, complexing agent, wetting agent, surface-active substances, solubilisator

deconex® FORMULA 1

Dosage

The optimal dosing depends largely on the hardness of the water and the stubbornness of the dirt. Using demineralised water improves cleaning performance and reduces cleaner consumption.

The following dosage examples have been tried and tested in practice:

Cleaning	Concentration	Temperature	Exposure time
Spray process	0.5-2 %	60-85 °C	1-5 min
Ultrasonic bath	1-3 %	30-60 °C	3-5 min
Manual cleaning	2 %	30-40 °C	10 min

Material compatibility

Suitable for:
Glass, stainless steel, plastics and ceramic materials

For materials not mentioned please make your own specific compatibility tests or consult Borer Chemie AG.

Not suitable for:
Lenses in precision instruments

Chemical/physical data

pH	1% solution in demineralized water	approx. 12.8
Density	concentrate	1.36 g/ml
Appearance	concentrate	clear, colourless to slightly yellowish

Availability

Please ask your local representative about current container sizes.

Containers, screw caps and labels are made of recyclable polyethylene.

Additional information

For information concerning safety at work, storage and waste disposal/effluent, please consult the corresponding safety data sheet. deconex® FORMULA 1 is non-toxic if used properly in accordance with the food processing guidelines.

Take advantage of our vast know-how! Please, contact us for further information regarding your specific application.

Manufacturer:

Borer Chemie AG

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