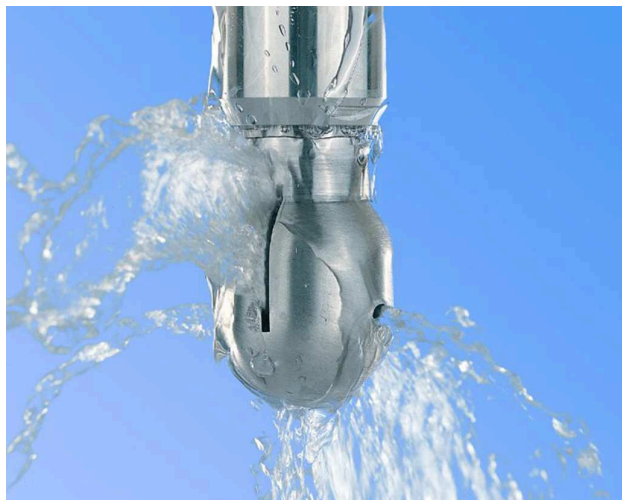


deconex® CIP power-x

Highly alkaline special cleaner for the removal of stubborn residues in the pharmaceutical industry

Liquid, chlorine-free; contains no surfactants.
Suitable for CIP and COP processes.



Application

deconex CIP power-x is suitable for residue-free and validated cleaning in GMP-compliant environments concerned with the production of active pharmaceutical ingredients and drugs.

deconex CIP power-x is used in the

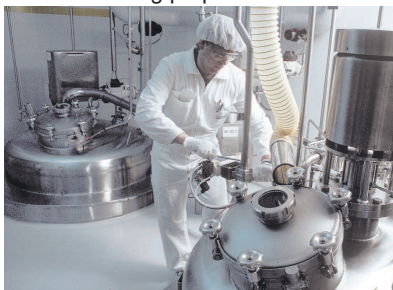
- pharmaceutical
- chemical
- biotechnology and
- cosmetic industries

Suitable for automatic and semiautomatic cleaning with CIP and COP processes as well as for flooding production equipment. deconex CIP power-x removes particularly stubborn contaminants from reaction vessels (stainless steel, glass-lined and glass), fermenters, tanks and tubing as well as from production equipment such as mixers, centrifuges and granulators.

Properties

deconex CIP power-x has the following properties

- liquid
- alkaline
- surfactant-free
- chlorine-free
- a buffered system
- suitable for validated cleaning



deconex CIP power-x is also very effective for the removal of dried and baked residues from syntheses, organic and inorganic contaminants, distillation residues, dried fats and oils, phospholipids, ointments and creams, waxes, paint residues, lacquers and pigments.

Ingredients

Alkalis, complexing agents, sequestering agent

Dosage

Dosage depends on the type and degree of contamination, the cleaning equipment used and the cleaning process.

deconex CIP power-x is normally used at concentrations of 0.5-2.0% (v/v).

Information on use

Generally, an increase of the temperature leads to a reduction of the cleaning process time. Rinsing properties are excellent due to the absence of surfactants.

Neutralization

Each cleaning step should be followed by an acid rinse to neutralize alkaline residues due to carry-over. As neutralizer for deconex CIP power-x, we recommend deconex CIP acid.

Residue analysis/cleaning validation

To confirm residue-free cleaning, we supply appropriate analytical methods and will be pleased to offer advice on how to perform them in practice.

deconex® CIP power-x

Material compatibility

Suitable for:
Stainless steel, vitreous and porcelain enamel, borosilicate glass, ceramic materials, PP, PE (hard), Teflon, Viton

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

Chemical/physical data

| | | |
|--|--------------------------------------|--------------------------------------|
| pH | 0.5% solution in demineralized water | approx. 12.3 |
| Density | concentrate | 1.50 g/ml |
| Appearance | concentrate | transparent, colourless to yellowish |
| Titrate procedure | with 1.0 n hydrochloric acid | indicator: phenolphthalein |
| Consumption of 1.0 n hydrochloric acid | for 100 ml fresh washing solution | 6.95 ml/1% (w/w) of concentrate |

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.

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

deconex CIP for the highest standards of quality

deconex CIP products have been developed specially for validated cleaning.

Our products and services allow individual, optimally adapted and efficient cleaning processes to be used. You can obtain further information on this directly from Borer Chemie AG.



11924 Forest Hill Blvd., Suite 22-162, Wellington, FL 33414
Tel. +1 561 784 56 43, Fax. +1 561 880 68 97
www.racoma.com, contact@racoma.com

Manufacturer:

Borer Chemie AG

Gewerbestrasse 13, 4528 Zuchwil / Switzerland
Tel +41 32 686 56 00 Fax +41 32 686 56 90
office@borer.ch, www.borer.ch

All information provided is based on our current knowledge and it does not constitute a legally binding assurance of specific product properties.



advanced cleaning solutions