

deconex® CIP basic-x

Mildly alkaline special cleaner for gentle processes in the pharmaceutical industry

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



Application

deconex® CIP basic-x is suitable for residue-free and validated cleaning in the production of active pharmaceutical ingredients and drugs according to GMP requirements.

deconex® CIP basic-x is used in the

- pharmaceutical
- chemical
- biotechnology and
- cosmetic industries

deconex® CIP basic-x is suitable for automatic and semiautomatic cleaning with CIP and COP processes as well as for flooding production equipment. deconex® CIP basic-x provides a particularly mild cleaning process for reaction vessels (stainless steel, glass-lined and glass), fermenters, tanks and tubing as well as for production equipment such as mixers, centrifuges and granulators.

Properties

deconex® CIP basic-x has the following properties

- liquid
- mildly alkaline
- surfactant-free
- non-foaming
- chlorine-free
- excellent material compatibility
- suitable for validated cleaning

deconex® CIP basic-x is also very effective for the removal of organic and inorganic residues, oils, fats, nutrient media, amino acid mixtures, cell culture residues and serums.

Ingredients

Alkalis, complexing agents, sequestering agents

Dosage

Dosage depends on the type and degree of contamination, the cleaning equipment used and the cleaning process as well as on the water hardness.

deconex® CIP basic-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 because the product does not contain any 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 basic-x, we recommend deconex® CIP fresh.

Note: When reprocessing tablet tooling the neutralization step must be omitted.

Residue analysis and cleaning validation

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

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Material compatibility

Suitable for:
Stainless steel, vitreous and porcelain enamel, borosilicate glass, aluminium, PP, PE, Teflon, Viton, rubber, latex, ceramic materials

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

Chemical/physical data

pH	1% solution in demineralized water	approx. 11.6
Density	concentrate	1.37 g/mL
Appearance	concentrate	transparent, colourless to yellow

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.

Manufacturer:

Borer Chemie AG

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