deconex®
CIP wash-x

High performance cleaning concentrate for application in the pharmaceutical industry

Liquid, mildly alkaline and highly efficient. Suitable for soaking baths and cleaning in ultrasonic baths.

Application

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

deconex® CIP wash-x is used in the
- pharmaceutical
- chemical
- biotechnology and
- cosmetic industries

deconex® CIP wash-x is suitable for manual cleaning.

deconex® CIP wash-x independently removes residues from disassembled components or difficultly accessible parts of the process equipment. Stubborn contaminants such as baked fats, oils, waxes, dried proteins, residues of cell culture media, paint residues, pigments, organic and inorganic traces as well as silicones are removed and leave no residues.

Properties

deconex® CIP wash-x has the following properties
- highly efficient
- economical
- liquid
- mildly alkaline
- leaves no residues on rinsing
- low tendency to foam
- chlorine-free
- excellent material compatibility

deconex® CIP wash-x significantly reduces the surface tension and ensures excellent detachment of the contaminant through an efficient wetting process.

The product's high emulsifying and dispersing capacity prevents detached contaminant particles from being re-deposited. Specifically selected surfactants result in excellent rinsing properties.

Ingredients

Alkalis, complexing agents, dispersing agents, solubilizer, surfactants, wetting agents

Dosage

The optimum dosage depends primarily on the contaminants, the water temperature, the exposure time, the process employed and the water hardness. The use of demineralized water improves the cleaning properties.

deconex® CIP wash-x is normally used at concentrations of 1.0-5.0 % (v/v).

Information on use

The use of specific surfactants enhances the cleaning effect and prevents excessive foam formation. deconex® CIP wash-x has a long bath lifetime due to its high buffer capacity.

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.

borer
advanced cleaning solutions

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Material compatibility

Suitable for:
Stainless steel, vitreous and porcelain enamel, borosilicate glass, rubber, ceramic materials, PE, PP, PVC, PTFE, Viton, NBR

Partly suitable for:
Anodized aluminium, non-ferrous metals

Not suitable for:
Aluminium, zinc, tin

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. 11.7
Density	concentrate	1.42 g/mL
Appearance	concentrate	transparent, slightly yellowish liquid

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

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