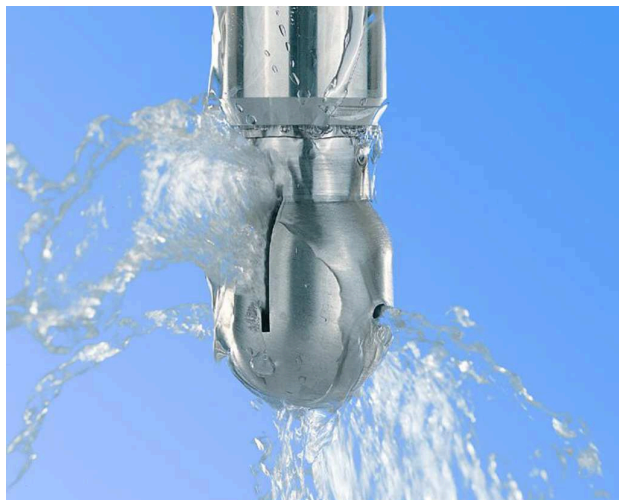


deconex® CIP fresh

Phosphate-free neutralizer for cleaning processes in the pharmaceutical industry

Liquid, based on organic acid. Suitable for CIP and COP processes.



Application

deconex CIP fresh is used as an acidic neutralizer for residue-free and validated cleaning in the production of active pharmaceutical ingredients and drugs according to GMP requirements.

deconex CIP fresh is used in the

- pharmaceutical
- chemical
- biotechnology and
- cosmetic industries

deconex CIP fresh is suitable for automatic and semiautomatic cleaning processes such as CIP and COP as well as for flooding production equipment following alkaline cleaning. Removes alkaline residues and acid-soluble deposits.

Properties

deconex CIP fresh has the following properties

- liquid
- phosphate-free
- leaves no residues on rinsing
- non-foaming
- excellent material compatibility
- suitable for validated cleaning



deconex CIP fresh is also suitable for the removal of starch-containing contaminants.

Ingredients

Organic acid

Dosage

deconex CIP fresh is ideal for the neutralization of deconex CIP basic or deconex CIP alpha in a completely phosphate-free process.

The optimum dosage depends primarily on the amount of carry-over of alkaline cleaner. In practice, the concentration of deconex CIP fresh corresponds to 1/3 of that of the alkaline cleaner, normally 0.2-1.0% (v/v).

Information on use

Rinsing properties are excellent due to the absence of surfactants. Furthermore, no foaming occurs during circulation of the neutralizing solution.

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 fresh

Material compatibility

Suitable for:

Stainless steel, vitreous and porcelain enamel, borosilicate glass, aluminium, anodized aluminium, synthetic materials, 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. 2.6
Density	concentrate	1.17 g/ml
Appearance	concentrate	transparent, colourless
Titrate procedure	with 0.1 n potassium hydroxide	indicator: phenolphthalein
Consumption of 0.1 n potassium hydroxide	for 100 ml fresh washing solution	61 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