

# deconex® CIP acid

## Neutralizer and cleaner for application in the pharmaceutical industry

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



### Application

deconex CIP acid is used as a neutralizer and cleaner for residue-free cleaning in GMP-compliant environments concerned with the production of active pharmaceutical ingredients and drugs.

deconex CIP acid is used in the

- pharmaceutical
- chemical
- biotechnology and
- cosmetic industries.

deconex CIP acid is suitable for automatic and semiautomatic processes such as CIP and COP as well as for flooding production equipment following alkaline cleaning.

deconex CIP acid efficiently removes alkaline residues and acid-soluble deposits.

### Properties

deconex CIP acid has the following properties:

- liquid
- surfactant-free
- non-foaming
- chlorine-free
- excellent material compatibility
- suitable for validated cleaning
- applicable as cleaner in combination with deconex CIP surf



deconex CIP acid also removes starch-containing contaminants and baked residues of amino acid mixtures.

### Ingredients

Inorganic acid

### Dosage

deconex CIP acid is ideal for the neutralization of deconex CIP alpha-x and deconex CIP power-x alkaline cleaners.

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

### Information on use

The excellent rinsing properties are due to the fact that the product does not contain surfactants.

### 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.

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## Material compatibility

Suitable for:  
Stainless steel, vitreous and porcelain enamel, borosilicate glass, ceramics, synthetic materials

Not suitable for:  
Aluminium and zinc

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. 1.8             |
| Density    | concentrate                        | 1.42 g/ml               |
| Appearance | concentrate                        | transparent, colourless |

## 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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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