

deconex® CIP care

Acidic special cleaner and neutraliser for applications in the pharmaceutical industry

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



Application

deconex® CIP care is suitable for residue-free and validated cleaning in the production of pharmaceutical ingredients and medicines under GMP conditions.

deconex® CIP care is used in:

- pharmaceutical industry
- chemical industry
- biotechnology
- cosmetics industry

deconex® CIP care is suitable for automatic and semi-automatic processes such as CIP and COP, in recirculation and spray processes and for flooding of production equipment.

Properties

deconex® CIP care has the following special features:

- liquid
- acidic
- rinses residue-free
- manually and mechanically applicable
- non-foaming in spray cleaning processes
- surfactant-free
- phosphate-free
- suitable for validated cleaning: fully documented according to cGMP; toxicological assessment reports are available

deconex® CIP care effectively removes all kinds of process residue, especially organic salts.

Ingredients

Organic acids

Dosage

The optimum dosage depends mainly on the amount of alkaline residue transferred. The concentration of deconex® CIP care found to be effective in practice is 1/3 of that of the alkaline cleaner, normally 2-10 mL/L. The maximum recommended concentration of deconex® CIP care is 30 mL/L.

Instructions for use

deconex® CIP care is a phosphate-free, acidic special cleaner. It has been developed to meet the requirements of cleaning and passivation processes in the pharmaceutical, cosmetics and biotech industries.

deconex® CIP care is ideal for neutralisation after alkaline cleaning with deconex® CIP basic-x and deconex® CIP power-x for example, or, for a completely phosphate-free process after cleaning with deconex® CIP alpha-x and deconex® FORMULA 1.

No surfactants means that the product has excellent rinsing properties. After cleaning rinse thoroughly with deionised or purified water. Sufficient rinsing ensures residue-free surfaces.

Residue analysis / cleaning validation

To confirm residue-free cleaning, we offer suitable analytical methods and will be pleased to advise on how to perform these in practice. Comprehensive PDE (Permitted Daily Exposure) reports are available as a basis for toxicological risk assessment.

deconex® CIP products are outstanding and completely documented. The extensive documentation package supports and facilitates the validation process.

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Material compatibility

Suitable for:

Stainless steel, borosilicate glass, polyethylene (HDPE), polypropylene (PP), polyvinyl chloride (PVC), polyamide (PA), Teflon® (PTFE), Plexiglas® (PMMA), polycarbonate (PC).

For materials not mentioned above we recommend specific compatibility testing, or please consult Borer Chemie AG.

Chemical / physical data

pH value	1 g / 100 g in DI-water	approx. 2.4
Density	concentrate	1.20 g/mL
Appearance	concentrate	clear, colourless

Availability

Please ask your local representative about available container sizes.

Additional information

Containers, screw caps and labels are made from recyclable polyethylene.

For information concerning safety at work, storage and waste/effluent disposal, please consult the corresponding safety data sheet.

Benefit from our expertise! Please contact us for practical information regarding your specific application.

deconex® CIP products for the highest demands

deconex® CIP products have been specially developed for validated cleaning.

Our products and services allow a customised, optimally adapted and effective process.

Request more information by e-mail to: lifesciences@borer.ch

Manufacturer:

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