Instructions for use

deconex® MINERALACID

Acidic neutraliser and pre-cleaner

For the neutralisation after the cleaning step in washer-disinfectors as well as for acidic pre-cleaning. Liquid.

Scope of application

deconex® MINERALACID is used as an acidic neutraliser in central sterile supply after mildly alkaline or alkaline automated cleaning steps. deconex® MINERALACID can also be used to remove acid-soluble deposits.

Properties

deconex® MINERALACID is:
- acidic
- based on inorganic acid
- free of surfactants
- and liquid

deconex® MINERALACID is an acidic neutraliser, applied in special washing machines after the cleaning step. The product effectively removes alkaline residues from machine loads, thereby preventing spots on the machines loads and irreversible damage to the materials, which could occur later on, e.g. during sterilisation.

deconex® MINERALACID can also be used as a pre-cleaner to remove acid-soluble deposits, such as lime residues. Moreover, it removes lime deposits in washing machines and washing conveyors.

In instrument reprocessing, deconex® MINERALACID can be used as a neutraliser. It is applied after the mildly alkaline or alkaline cleaning of surgical instruments made of stainless steel.

Application and dosage

deconex® MINERALACID is not suitable as a neutraliser for instruments made of aluminium. For aluminium parts and anaesthesia material we recommend you to use deconex® ORGANACID for neutralisation.

Generally, we recommend you:
- load baskets and machines properly (avoid overloading)
- ensure no areas are left unwashed
- ensure complete drainage of the wash liquor before neutralisation, and
- use deionised water for final rinsing

Recommended dose

The optimum dosage depends mainly on the quantity of alkaline residues. Therefore, please ensure complete drainage of the alkaline wash liquor in the washing machine programme.

In practice, the following dosage has given good results:

deconex® MINERALACID	1-3 mL/L
Temperature	20-50 °C

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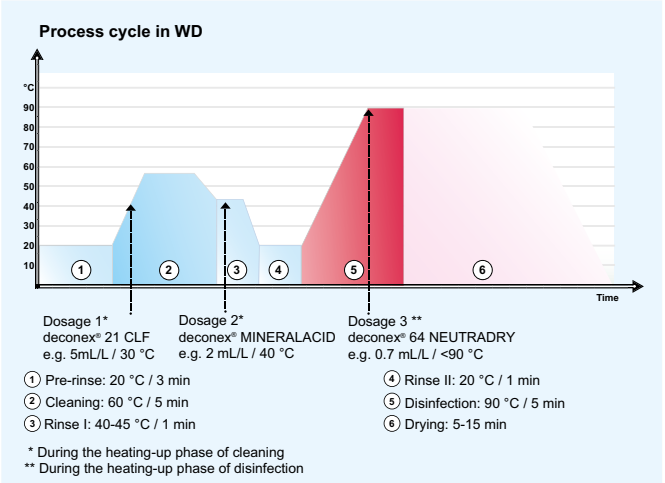
Recommended process

Typical WD process

1. Pre-rinse: with cold tap water, 3 min
2. Cleaning: with tap water
   Add deconex® 21 CLF at 30 °C
   Clean at 60 °C for 5 min
3. Intermediate rinse I (neutralisation): with warm (40-45 °C) tap water, 1 min
   Dosage of deconex® MINERALACID
4. Intermediate rinse II: with DI/RO water, 1 min
5. Thermal disinfection: with DI/RO water, e.g. 5 min at 90 °C, if applicable dosage of deconex® 64 NEUTRADRY as drying aid at 90 °C
6. Drying: 5-15 min

WD-process diagram



Safety information

Please refer to the deconex® MINERALACID safety data sheet for information about industrial safety and proper disposal.

Storage

Store the product at temperatures between 5 and 25 °C.

Distributor / importer:

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.swiss

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Product data sheet

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Ingredients

Inorganic acid

Material compatibility

Suitable for:
Stainless steel, laboratory glassware, ceramics, plastics

Not suitable for:
Aluminium and zinc

The user should conduct appropriate compatibility tests for materials not mentioned here or contact Borer Chemie AG.

Concentrate:
Please request the separate information sheet for compatibility with transport and peristaltic hoses.

CE marking

deconex® MINERALACID satisfies the requirements for medical devices in accordance with the regulation (EU) 2017/745.

Physicochemical data

pH value	1 % solution in deionised water	approx. 2.3
Density	concentrate	1.07 g/mL
Appearance	concentrate	transparent, colourless

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Packaging

The container, seals and labels are made of recyclable polyethylene.

Container sizes

Container type	Content	Item number
Canister low	5 L	502230.00-KK5R
Canister	10 L	502230.00-K10R
Canister	25 L	502230.00-K25R

Additional information

Before using the product please read the instructions for use and the relevant safety data sheet.

If a serious incident occurs with this product, it must be reported to the manufacturer and the responsible authority.

Benefit from our know-how! Please contact us for further information regarding your specific application.

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