

deconex® 34 GR

Medical device deep-cleaning

For use in immersion and ultrasonic baths. Also suitable for use in washer/disinfectors. Alkali-free, liquid.



Application

deconex® 34 GR is a deep-cleaning agent for stainless steel instruments, used when spots and stains caused by inadequate reprocessing, need to be removed.

Problems during reprocessing may include:

- unfavourable water composition
- inadequate cleaning
- use of unsuitable cleaning and disinfectant agents
- errors during reprocessing and
- unsuitable steam in the steriliser

These problems can lead to undesirable manifestations on the instrument surfaces such as annealing colours, rust and extraneous rust. In this situation, treatment of the instruments with deconex® 34 GR in an immersion or ultrasonic bath is recommended.

Treatment of factory-new stainless steel instruments with deconex® 34 GR, prior to the initial processing cycle, is recommended. This can prevent discolourations that would otherwise appear after the first cycle even before first use.

deconex® 34 GR can also be used to remove silicate deposits in washers.

Dosage

	Concentration	Time	Temperature
Immersion bath	10-20%	2-4 h	60 °C
Ultrasonic bath	5-10%	1-2 h	60 °C

Washer/disinfectors:

depending on the stubbornness of the discolouration, several courses of 2 L of deconex® 34 GR per 10 L of process solution must

Properties

deconex® 34 GR, thanks to its formulation based on acids and surfactants, is particularly effective at removing inorganic soiling and deposits such as:

- colourful, iridescent silicate deposits (annealing colours)
- stains caused by high salt content in the water
- rusting caused by bloom and extraneous rust, and by contact corrosion, e.g. on contact with brass components during the reprocessing cycle
- plaster residue on plaster scissors and
- brown-discoloured, organic residue (encrustations)

deconex® 34 GR is exclusively for use with stainless steel instruments.

Ingredients

Inorganic acids, surfactants

Instructions for use

Deep cleaning with deconex® 34 GR must only be carried out on stainless steel instruments that are labelled with: «Inox», «stainless», «stainless steel» or «non-rusting». Instruments made from unhardened chrome steel and unalloyed steel are generally sensitive to acid and should not be treated. Equally, chrome-plated instruments should not be treated since deconex® 34 GR dissolves the chrome plating.

The soaking baths for carrying out deep-cleaning must be acid-resistant, as must the drainage pipes through which the deconex® 34 GR solutions are emptied. After deep-cleaning, the instruments must be thoroughly rinsed with water and then dried. If spots and stains are still not removed to a satisfactory degree, the treatment can be repeated. Under no circumstances should instruments be left immersed unchecked overnight.

To avoid further spot and stain marks, the entire instrument reprocessing routine should be reviewed. This includes the wet disposal, mechanical or manual cleaning, disinfection and sterilisation. Another important aspect of this, is the investigation of the water and steam used.

Material compatibility

Suitable for:
Stainless steel

Not suitable for:
aluminium, anodised aluminium, chrome-plated materials and non-ferrous metals. deconex® 34 GR can damage the tungsten carbide inserts of instruments with gold-plated handles and cause fading of the laser markings.

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

Chemical-physical data

pH value	1%i - 20%i solution in demineralised water	Approx. 2.2-1.1
Density	Concentrate	1.05 g/mL
Appearance	Concentrate	Clear, colourless

Delivery

Please ask your representative regarding current container sizes.

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

Additional information

Information regarding safety in the workplace, storage and disposal / waste water can be found on the safety data sheet for this product.

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

Manufacturer:

Borer Chemie AG

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