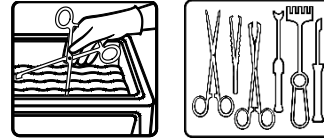




# neodisher<sup>®</sup> IS



## Detergent for intensive cleaning of surgical instruments



### liquid concentrate

#### Fields of application:

- Intensive cleaning to remove silicate coatings of surgical instruments made of hardened chrome steel and chrome-nickel steel as well as occasional cleaning of washer disinfectors and hydrofluoric acid-compatible objects in special washers

#### Performance spectrum:

- Removes silicate coatings, which have formed over the course of time as a result of unsuitable water composition and/or inadequate steriliser steam quality and cannot be removed or can be removed only with great difficulty using conventional intensive detergents and descalers

#### Special properties:

- Suitable for use in immersion baths, washer disinfectors and special washers
- Instruments made of unhardened chrome steel, unalloyed steel and other materials which are not acid-compatible must not be treated with neodisher IS. Brand-new instruments made of stainless steel are not compatible with neodisher IS and these must not be treated with neodisher IS either.
- With instruments made of stainless steel, which do not have a quality guarantee, a prior test must be carried out to determine suitability.
- Surgical instruments made of titanium, which look like silicate coated stainless steel instruments because of their coloured surface, must not be treated with neodisher IS. A number of sealing materials, as well as plastic and rubber components, which are processed in washer disinfectors and special washers, exhibit only limited compatibility with neodisher IS, so that its use must be limited to the absolutely necessary periodical cases!

- With instruments that have been laser-lettered and marked, a brightening of the lettering may occur
- The containers used for intensive cleaning as well as effluent pipes, through which the neodisher IS solutions are discharged, must be acid-compatible.
- Eternit (fibre cement) and cast-iron pipes are unsuitable and require a prior neutralisation of the effluent solution
- Parts made of glass are not compatible with neodisher IS. Therefore neodisher IS must not be used in e.g. washer disinfectors and special washers with glass doors

#### Application and dosage:

##### 1. Removal of silicate coatings from surgical instruments made of hardened chrome steel or chrome-nickel steel in immersion baths (sporadic cleaning):

Dosage: 30 - 50 ml/l in cold tap water (max 25 °C). Place instruments in a tray in the immersion bath. Treatment time maximum 10 minutes. In most cases 3 - 5 minutes is sufficient to remove the silicate coating. After a maximum of 10 minutes rinse the instruments thoroughly with cold running water.

##### 2. Sporadic cleaning of washer disinfectors for the removal of silicate coatings:

Dosage: 20 - 30 ml/l, heat solution to a maximum of 50 °C, treatment time maximum 5 minutes. After the intensive cleaning, thoroughly rinse the washer disinfectant repeatedly with cold water. Since the tanks of the washer disinfectors are made of chrome-nickel steel, here higher temperatures can be used than in the intensive cleaning of surgical instruments, which are predominantly made of chrome steel.

##### 3. Removal of silicate coatings from surgical instruments made of hardened chrome steel and chrome-nickel steel in a washer disinfectant (sporadic cleaning):

Dosage: 30 - 50 ml/l with cold water (max. 25 °C) input. Do not heat up the solution in the washer disinfectant. Treatment time: maximum 10 minutes. After that the instruments should be



repeatedly rinsed thoroughly with cold water in the washer disinfectant.

#### 4. Cleaning of hydrofluoric acid-compatible objects (e. g. extension parts of water meters) in special washers:

Dosage: 20 – 30 ml/l, heat solution to a maximum of 50 °C, treatment time maximum 5 minutes. After that the objects should be repeatedly rinsed thoroughly with cold water in the special washer

**Note:** In order to avoid the recurrence of coatings of silicate and silicic acid the cause must be determined (e.g. by analysing the quality of the water used in the washer disinfectant and/or of the boiler feed water, boiler water and sterilisation steam condensation) and removed.

#### Notes on application:

- For professional use only.
- Do not mix with other products.
- Rinse out dosing system including suction hose with water before changing product.
- Reprocessing should comply with all ordinances pursuant to the regulations on medical devices and should be performed with appropriate validated processes.
- Please observe the reprocessing recommendations of the medical device manufacturers according to the requirements of the DIN EN ISO 17664.
- The instructions given by the manufacturer of the washer disinfectant are to be observed.

#### Technical data:


pH-value	3 - 2 (20 - 50 ml/l, (determined in demineralised water, 20 °C)
Titration factor	0.27 (in accordance with neodisher titration method)
Density	approx. 1.2 g/cm <sup>3</sup> (20 °C)

#### Ingredients:

Ingredients according to Regulation (EC) No 648/2004 on detergents:  
< 5 % non-ionic surfactants  
also perfumes (amyl cinnamal)

#### Storage information:

The product is sensitive to frost below - 15 °C. Always store at a temperature between -15 °C and 30 °C. Usable for 2 years when stored as recommended.

For expiry date refer to the stamp mark on the label behind the hourglass symbol .

#### Hazard and precautionary statements:

For safety information see Safety Data Sheets. These are available at [www.drweigert.com](http://www.drweigert.com) under the category "Service/Downloads".

Dispose only when container is empty and closed. For disposal of product residues, refer to the Safety Data Sheet.

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With the above information, to our current knowledge we describe our product regarding safety necessities, but we do not involve any quality description or promise certain properties.