neodisher® Dekonta AF

Detergent and disinfectant for the automated reprocessing of bed frames and transport carts

Liquid concentrate

Fields of application:

- Combined cleaning and disinfection in decontamination units e.g. of bed frames, sterilisation containers, surgical tables, transport carts/trolleys and surgical shoes
- Combined automated cleaning and disinfection of personal protective equipment (PPE)[1]

Performance Spectrum:

- Bactericidal and yeasticidal activity and activity against enveloped viruses
- The biocidal activity has been tested and confirmed in accordance with European standards and therefore fulfils the requirements of EN 14885
- The activity against enveloped viruses (incl. HBV, HIV, HCV) has been additionally tested and confirmed in accordance with the guideline of DVV/ RKI[2]
- Included in the IHO[3] list of disinfectants

Special properties:

- Free of aldehydes
- Rapid action and good material compatibility
- The working solution is pH-neutral within a pH-range of 5 - 8 when using softened water
- Fulfils the requirements of the AK-BWA[4] and the ISO 15883-7

Application and dosage:

neodisher Dekonta AF is suitable for use in decontamination units. Dosage is effected via integrated dosing units. Concentration, temperature and contact time depend on the respective machine type.

The following biocidal activities have been confirmed under dirty conditions:

Combined cleaning and disinfection in decontamination plants of e.g. bedframes, instrument containers, operating tables, trolleys and surgical shoes			
	50 °C	55 °C	60 °C
bactericidal (EN 13727, EN 14561)	10 ml/l (1.0 %), 2 min 5 ml/l (0.5 %), 5 min	10 ml/l (1.0 %), 2 min	5 ml/l (0.5 %), 2 min
yeasticidal (EN 13624, EN 14562)	7.5 ml/l (0.75 %), 5 min	5 ml/l (0.5 %), 2 min	5 ml/l (0.5 %), 2 min
active against enveloped viruses (EN 14476, EN 17111, DVV/RKI[1])	10 ml/l (1.0 %), 2 min	5 ml/l (0.5 %), 2 min	5 ml/l (0.5 %), 2 min
Combined cleaning and disinfection of personal protective equipment[1] in washer-disinfectors and washing machines			
bactericidal, yeasticidal, active against enveloped viruses	10 ml/l (1,0 %), 5 min, 50 °C 10 ml/l (1,0 %), 2 min, 55 °C		

The process-related germ reduction of 5 log steps (Enterococcus faecium) which is necessary according to the AK-BWA[4] has been proved using different methods and decontamination systems (e.g. Getinge Cleanstation 9120, Dirschl WAT/WDT, Kannegießer CWD-D-Containerschleuse (container sluice), Reha Wash Type 313).

The compatibility of neodisher Dekonta AF with neodisher rinse aids which are recommended for the automated reprocessing of bed frames, sterilisation containers and surgical tables as well as transport carts and surgical shoes and are

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carried into the decontamination solution via the rinse water is guaranteed.

When using deionised water for a decontamination unit neodisher Dekonta AF has a working solution with an acidic pH-range. In these cases all parts must be acid-compatible. For draining acidic solutions the drain pipes must be acid-compatible. Eternit (fibre cement) and cast-iron pipes are not acid-compatible, therefore a prior neutralization of the drained solution is necessary.

General instructions for use:

- For professional use only
- The neodisher Dekonta AF solution has to be rinsed off completely with water (preferably deionised water). When using deionized water in the final rinse water stains are avoided and anodised aluminium is protected at the same time.
- Rinse out dosing system including suction hose with water before changing product
- Reprocessing of medical devices should comply with all ordinances pursuant to the regulations on medical devices and should be performed with appropriate validated processes
- The instructions of the manufacturer of the decontamination unit, the washer disinfector or the washing machine are to be observed
- Processing of medical device: Please observe the reprocessing recommendations of the medical device manufacturers according to the requirements of DIN EN ISO 17664 as well as the recommendations of the AK-BWA[4] in the current issue of the AK- BWA brochure “Automated Decontamination”
- Processing of personal protective equipment[1]: Please observe the reprocessing recommendations given by the manufacturer of the personal protective equipment
- Do not mix with other products
- *Use disinfectants safely. Always read the label and product information before use*

Expert reports:

The disinfecting activity has been confirmed by certification.
neodisher Dekonta AF was used and positively assessed by various testing and certification bodies in the context of personal protective equipment[1] certification with regard to material compatibility.

Expert reports are available on request.

Technical data:

pH-range	6.3 - 5.4 (4 – 10 ml/l, determined in deionised water 15 °d to 0 °d, 20 °C)
Viscosity	< 10 mPa s (concentrate, 20 °C)
Density	approx. 1.0 g/cm^3 (20 °C)

Ingredients:

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

Active substances in 100 g:
2.25 g benzalkonium chloride
0.7 g N,N-didecyl-N-methyl-poly(oxyethyl)ammonium propionate

CE-mark: CE 0297 MD

neodisher Dekonta AF complies with European guidelines for medical devices.

If a serious incident occurs with the product, report it to the manufacturer and the relevant national authority.

Storage information:

Always store at a temperature between 0 °C and 30 °C.

Usable for 3 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 under the category “Service/Downloads”.

If applied according to the instructions for use the product is safe according to the appropriate guidelines for food processing.

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

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[1] Personal protective equipment (PPE), protective clothing against chemicals
[2] according to the guidelines of the Robert Koch-Institute (RKI) and the Deutsche Vereinigung zur Bekämpfung von Viruskrankheiten (DVV) [German Association for the control of Virus Diseases]
[3] Industrieverband für Hygiene und Oberflächenschutz (IHO) [German Association for Hygiene and Surface Protection]
[4] Arbeitskreis Bettgestell- und Wagendekontaminationsanlagen [Working Group for Bedframe and Cart Decontamination Systems]

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