

Endo Star NEU (concentrate)

aldehyde free disinfectant

Medical product of the class IIb, CE 0481

Article number 90060 (2-litre bottle), 90061 (5-litre canister),

90062 (150ml-bottle)

Type of product :

ENDO STAR NEU is a very well cleaning, comprehensively effective aldehyde- and phenol free instrument disinfectant for the manual reprocessing by the immersion method and in the ultra sonic bath. An innovative formula guarantees for a quick, comprehensive and material caring instrument reprocessing with low usage concentrations. ENDO STAR NEU is suitable **for all thermos-table and thermolabel instruments as well as anaesthetic accessories, flexible and rigid endoscopes and endoscope accessories**. Due to the low emission and low formation of foam Endo Star Neu is also suitable for the ultra sonic bath (3% - 5min).

Certification by University and Scientific Institutes expert opinions (latest ones):

Bactericidal, fungicidal, tuberculocidal incl. M.-terrae according to the standard methods of the DGHM and the DIN EN norms 13624, 13727, 14348, 14561, 14562, 14563:

Hygiene Nord GmbH, Greifswald 2005

IKI, Giessen 2007

HygCen GmbH, Schwerin 2007

Efficacy against enveloped viruses:

BVDV / Vaccinia
Dr. Steinmann, Bremen 2005 / 2006

Efficacy against DHBV:

Eurovir, Luckenwalde 2005

Efficacy against Adeno, Rota:

Dr. Steinmann, Bremen 2005 / 2008

Useful life duration test on the usage solution:

Hygiene Nord, Greifswald 2006

Efficacy against Simian Virus SV40:

HygCen, Schwerin 2009

Listed in the disinfectant list of the German Society of Hygiene and Microbiology (VAH/DGHM).

Dosage and usage: to be diluted in distilled water or water of at least drinking water quality (best: 20-25°C). Immerse the instruments immediately after use. All surfaces and hollow spaces have to be covered resp. filled. Pay attention to the application concentrations and the contact times. Take out the instruments, rinse them thoroughly with water and dry them.

Before the disinfection the instruments have to be cleaned (preferably with the enzymatic cleaner Instru Zym.)

1% (10ml) of concentrate + 99% (990ml) of water – contact time 1 hour

2% (20ml) of concentrate + 98% (980ml) of water – contact time 30 min

3% (30ml) of concentrate + 97% (970ml) of water – contact time 15 min

Instruments

manual treatment of instruments



Spectrum of effect:

Bactericidal, fungicidal, tuberculocidal (incl. M. terrae): 3% - 15 min; virucidal against all enveloped viruses incl. BVDV, Vaccinia, DHBV, HBV/HIV: 3% - 15 min; virucidal against the non-enveloped viruses Rota: 2% - 5 min, Papova / SV40: 3% - 30 min; Adeno: 4% - 120 min. ultra sonic bath: 2% - 5 min

Main advantages:

+ aldehyde and phenol free; + very economical; + very good cleaning properties; + good material compatibility; + no emissions which have to be monitored; + good skin tolerance with unintended short contact with the usage solution; + biologically well degradable; + can be combined as usage solution with the enzymatic detergent INSTRU ZYM or with INSTRU SOL FORTE

Active substances:

100g contain:
5 g Alkyldimethylethyl ammoniummethylsulfate
1 g Polyhexamethylenbiguanidhydrochloride
1,8 g Cocospropylenguanidiniumdiacetate

Synergistic ingredients:

Alkylamine 5g
Other ingredients: surfactants, corrosion inhibitors, auxiliary agents and ph-value regulators.

Chemical and physical data:

Appearance: clear, slightly amber coloured liquid

Density: circa 1

Ph-value: circa 9,5

Ph-value of the 1% solution: circa 8,0

Available Sizes:

2 litre bottle, 5 litre canister (other sizes on demand)

Shelf life:

3 years

Instruments

manual treatment of instruments

Reuse life:

until 14 days (depends on the degree of soiling)

Circulation method with endoscopes:

The instructions of the equipment manufacturers have to be observed, especially the hints for the dosage adjustments, for the program flow and for the change of preparations. If a cleaning step is not part of the program flow or if it is not sufficient we recommend for the manual pre-cleaning the enzymatic detergent INSTRU ZYM. After the disinfection one has to pay attention to a sufficient final rinse and sufficient drying

Chemical-thermal reprocessing of endoscopes:

If endoscopes are reprocessed both manually and mechanically or if ENDO STAR NEU is used for the disinfecting pre-cleaning, the endoscopes have to be thoroughly cleaned and rinsed before the mechanical reprocessing. For the manual pre-cleaning we recommend INSTRU ZYM. After the disinfection a sufficient drying has to be carried out.

In the ultra sonic bath:

The instructions of the instrument manufacturers have to be observed. Stick to the given frequency and disinfection duration. Avoid temperatures above 45°C.

Change of the preparation:

ENDO STAR NEU is not compatible with aldehyde containing disinfectants. Before the first usage and before the change of preparations the instruments and the accessories, the baths and reprocessing equipments must be cleaned and rinsed thoroughly. We recommend here as support and for a better cleaning the detergents INSTRU SOLFORTE and INSTRU ZYM.

Stability / Water Quality:

For the preparation of usage solutions water of drinking water quality is to be used. With very hard drinking water we recommend Aqua dest. For the final rinse water of microbiologically unobjectionable quality has to be used. For the last rinsing step before vapour sterilization we recommend fully desalted water or Aqua dest.

The ENDO STAR NEU usage solution is effective under protein load and can be used several times. The usage solution is stable until 14 days if well pre-cleaned instruments are immersed. We recommend renewing the usage solution as soon as it turns turbid or as soon as visible soiling occurs. For the pre-cleaning of endoscopes, endoscopic accessories, surgical and especially narrow instruments we recommend the enzymatic detergent INSTRU ZYM. If detergents are added to the usage solution it has to be renewed daily.

Storage conditions: do not allow temperatures below 0 °C or above 30 °C; do the product not expose to direct sunlight; keep the store dry.

