

ENDO STAR

Instrument disinfectant

- aldehyde-free -

Type of product:

Endo Star is a concentration based on a formulation without aldehyde and phenol component, low concentrations of use ensure economic re-processing of all thermostable and thermolabile instruments. Especially sensitive instruments such as flexible and rigid endoscopes, their accessories as well as anaesthesia equipment

Perfect for ultrasonic cleaner.
Medical product in according to EN 46002.

Characteristics of product:

- aldehyde- and phenol-free
- bactericidal, fungicidal (incl. *Aspergillus niger*), tuberculocidal (incl. *M. terrae*)
- virus-inactivating (enveloped viruses) BVDV/Vaccinia
- HBV/HIV-effective
- DHBV-effective
- very economical due to low concentrations of use (1 % - 3 %)
- excellent cleaning results
- excellent material-compatibility. Tested and released by manufacturers of instruments and endoscopes
- pleasant smell, no emission
- biologically degradable
- diluted solution is compatible with the enzymatic cleaner INSTRU ZYM
- in according to EN-norms for instrument disinfection as well as the recommendations of the Robert-Koch-Institute (effectivity on viruses). Tested according to standard methods of the DGHM

Areas for usage:

Suitable for all areas where medical instruments are being re-processed. Suitable for manual and mechanical treatment using so-called semi- or fully automatic disinfectors – at normal water-temperatures (25° C). Suitable for ultra-sonic use.

Spectrum of effect:

Bactericidal, fungicidal (incl. *Aspergillus niger*), tuberculocidal (incl. *M. terrae*), virus-inactivating (enveloped viruses) BVDV/Vaccinia, HBV/HIV-effective



Dosage and usage:

According to EN/DGGM bactericidal, fungicidal (incl. *Aspergillus niger*), tuberculocidal (incl. *M. terrae*):

1 % / 60 min.
2 % / 30 min.
3 / 15 min.

DHBV 3 % / 15 min.

HBV/HIV* (contaminated with high protein load):
3 % / 15 min.
2 % / 30 min.
1 % / 60 min.

BVDV**/Vaccinia***:
1 % / 15 min.

Ultra-sonic use:
3 % / 5 min.

- * HBsAg = Hepatitis B surface Antigen
- ** BVDV (Bovine Virusdiarrhoe) = surrogate virus for HCV
- ** Vaccinia = reference virus for enveloped viruses



Ingredients:

Quaternary ammonium compound, polyhexabiguanide, cocospropylendiamin-guanidiumdiacetate

Verification:

Bactericidal, fungicidal, incl. *Aspergillus niger*, tuberculocidal, incl. *M-terrae*, according to CEN (prEN 13624, 13727, 14348, 14561, 14562, 14563) and standard methods DGHM:

Hygiene Nord GmbH, 2004
Greifswald,
Prof. Dr. Schubert, 1999
Frankfurt,
Prof. Dr. Wille, Gießen, 2000

BVDV/Vaccinia-effectivity:

Dr. Steinmann, Bremen, 2004

HBV/HIV-effectivity:

Dr. Steinmann, Bremen 2000
Dr. Steinmann, Bremen 2004

DHBV-effectivity:

Eurovir, Luckenwalde, 2005

Chemical-physical data:

appearance: clear liquid
density: 9,5
pH-value: ca. 8,5

Available sizes: CE 0481

6 x 2-l-bottle
2 x 5-l-can

Remark:

Recommendations:

Manufacturers' instructions have to be observed. Experts' opinions and recommendations as well as internationally accepted standards on re-processing of instruments need to be followed in order to ensure hygienic perfect re-processing results.

Water:

Thermolable instruments: Microbially pure drinking water – preferably sterile water - needs to be used for the final rinse in order to avoid re-contamination.

Thermostable instruments: Demineralised water (aqua dem. or aqua dest.) needs to be used before sterilisation process in order to avoid damages on instruments.

Duration:

The highly diluted solution is re-usable - even for a longer period of time (up to 14 days) in case instruments are minimally contaminated or thorough pre-cleaned took place.

Change of product:

All instruments, tubs and medical devices have to be thoroughly cleaned before a changing of products can take place.

Attention:

Dilute before use. Protect hand and clothing. Should liquid get in contact with skin or eyes rinse with plenty of water, rinse thoroughly. Seek medical advice.

Precaution:

See instructions given in the safety-data-sheet. Relates to concentration - not to the highly diluted solution!

Directions:

The recommendations for the use of our products are based on scientific tests and are given in good faith. However our recommendations do not exempt our customers from their own tests of our products and the suitability for the uses intended. So far we cannot accept liability.

Your partner :

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