



A 30

Disinfectant for Rotary Instruments

Product Information

Area of application

A 30 is a highly effective aldehyde-free ready-to-use solution for simultaneously disinfecting and cleaning rotary instruments (burs and milling cutters made of steel and stainless steel, diamond instruments, etc.) in clinics, care homes (old people's homes, etc.) or medical research.

Advantages of the product

- Ready-to-use solution –immediately usable.
- Comprehensive effective spectrum against bacteria, fungi and all viruses (virucidal against enveloped and non-enveloped viruses).
- VAH/DGHM listed.
- Tested in accordance with EN 13727, EN 13624, DN 14348, EN 14476, EN 14561, EN 14562, EN 14563.
- Extraordinary cleaning activity – removes the most stubborn deposits.
- Excellent material compatibility due to special corrosion inhibitors.
- Toxicologically safe – the product does not contain any poisonous substances.
- Particularly fast effectiveness.
- Service life of ready-to-use solution: 7 days max.
- Pleasant fresh fragrance.

Microbiological effectiveness

A 30 has the following characteristics of performance:

Application	Concentration	Time
Instrument disinfection (according to VAH/DGHM)	100%	1 min.
Bacteria inclusive of MRSA ¹⁾ and fungi ²⁾	100%	1 min.
TB bacteria	100%	1 min.
Polio viruses ³⁾	100%	1 min.
Adeno viruses ³⁾	100%	1 min.
Polyoma viruses SV 40 ³⁾	100%	30 sec.
Vaccinia viruses ³⁾ , BVDV inclusive of HBV, HCV and HIV ⁴⁾	100%	30 sec.
Noroviruses ⁵⁾	100%	1 min.

¹⁾ Effectiveness against bacteria implies effectiveness against MRSA.

²⁾ Test for *Candida albicans* and *Aspergillus niger*

³⁾ Effectiveness against viruses certified by DGHM and DVV.

⁴⁾ In conformity with RKI recommendations (Bundesgesundheitsbl. 47, 62 – 66, 2004).

⁵⁾ Effectiveness against polio viruses implies effectiveness against Noroviruses.

Application

Never dilute A 30. An action period of only 1 minute is required if used in a burbath or 30 seconds when used in an ultrasonic cleaner. It is possible to prolong the action period to 30 to 60 minute if heavily soiled rotary instruments are to be disinfected.

The rotary instruments to be disinfected must be completely covered by the disinfecting solution. Take the disinfected instruments out of the bath, rinse them thoroughly under running water, dry them and sterilize them, if necessary. The service life of the solution is 7 days max. We recommend replacing the solution with a fresh solution if it becomes heavily soiled with blood and protein.

Do not immerse materials which are sensitive to alkali and alcohol (e.g. light and non-ferrous metals such as aluminium, brass, etc. or certain resin-glued instruments) in A 30; we recommend A 20 for this purpose.

Notes

The compatibility of burs and milling cutters made of hard metal or of ceramic abrasives towards A 30 must be tested before use.

Chemical composition

A 30 is based on a combination of alcohols, potassium hydroxide, complexing agents, corrosion inhibitors and adjuvants in aqueous solution. 100 g A 30 contains 15 g propan-1-ol.

Packing units

10-litre container
Carton of 2 1-litre bottles
Carton of 6 1-litre bottles

Accessories

Container tap.

Shelf life

3 years; if the product is in use: 7 days max., depending on the contamination.

Please turn over

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Storage

Store preparation in a cool place, but not below 5°C

Physical properties

Appearance: clear, light blue solution
Density: $D = 0.99 \pm 0.01 \text{ g/cm}^3$ (20°C)
pH-value: 13.4 ± 0.5

Toxicology

The acute oral toxicity (LD_{50}) in rats is $> 5 \text{ ml/kg}$ of body weight. A 30 is therefore classified as "non-toxic".

Ecology

If adequately diluted, the product is ecologically safe as all organic constituents are biodegradable. The packing is made of polyethylene and can therefore be exploited both materially and thermally. To recycle, rinse the containers or bottles with water.

Caution

A 30 is classified as "irritant" (R 38-41-67, S 26-37/39; see MSDS) in accordance with the Directives relating to the classification, packaging and labelling of dangerous substances and preparations. Irritating to the skin. Risk of serious damage to eyes. Vapours may cause drowsiness and dizziness. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. When using A 30, wear suitable safety gloves and eye protection.

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The information on our products is based on detailed internal and external scientific examinations, and recommendations are given to the best of our knowledge. Liability is being judged in accordance with our General Terms of Sale and Delivery which are available at any time upon request.

Complementary products from oro[®] Hygienesystem

Instrument disinfection • Disinfection of surfaces and inventory • Disinfection and care of hands and skin • Disinfection of special applications • Accessories

Information as of 01/10