

Description

Liquid concentrate for the disinfection and non protein-fixing cleaning of medical and dental instruments, rotating precision instruments and rigid endoscopes. • VAH certified, • free of aldehydes and phenols, • QAC free.

Field of application: Highly effective liquid concentrate for the application on 1.) general dental and medical instruments (diagnostic, preserving and surgical instruments such as extracting forceps, root elevators, mouth mirrors, rigid endoscopes etc.); 2.) dental rotary instruments such as steel-, hard metal-, diamond-, surgery burs and cutters, crown cutters, root canal instruments, rubber polishers etc.

Application and Dosage

Spectrum of activity: Test criteria: dirty conditions, room temperature (in immersion bath): bactericidal (EN 13727, EN 14561) 0.5 % in 5 minutes; yeasticidal (EN 13624, EN 14562) 3.0 % in 5 minutes; tuberculocidal (EN 14563) 2.0 % in 15 minutes.

Spectrum of activity: Test criteria: clean conditions, room temperature: virucidal (RKI/DVV) against enveloped viruses, e.g. HBV, HCV, HIV and influenza 1.0 % in 10 minutes; tuberculocidal (EN 14563, in ultrasonic bath) 2.0 % in 5 minutes.

Application: We recommend using **EC 50** at 0.5 %. For the preparation of the ready-to-use solution mix e.g. 5 ml concentrate with 995 ml water. If shorter contact times are required, it is possible to prepare higher concentrated ready-to-use solutions and the instruments can be cleaned in an ultrasonic bath (see spectrum of activity).

For cleaning/disinfection, immerse the instruments completely and bubble-free in the working solution. After the stated time take the instruments out of the bath and rinse with suitable water (e.g. tap water). If necessary, clean persistent soiling with a suitable plastic brush under running water and repeat the disinfection process. After disinfecting invasive products with **EC 50**, a final processing step (sterilisation) is mandatory.

Not suitable for PVC-P, polycarbonate, aluminium, light metal alloys, brass and colour markings in ultrasonic baths. Limited material compatibility with NBR (acrylonitrile butadiene rubber), silicone and PET (polyethylene terephthalate).

Do not use **EC 50** on flexible endoscopes. Application only by qualified medical personnel!

Shelf life: Ready-to-use solution (unused) = 30 days; ready-to-use solution (in use) = 7 days (if contamination is clearly visible, change ready-to-use solution earlier if necessary).

Safety Recommendations

EC 50 is classified as hazardous according to the Regulation (EC) No 1272/2008 [GHS] (skin corrosive and serious eye damage, acutely toxic (oral) - category 4, category 2 specific target organ toxicant (repeated exposure), flammable, corrosive to metals [aluminium and light metals], hazardous to the aquatic environment - acute category 1, hazardous to the aquatic environment - chronic category 2).

Observe also with respect to this the hints indicated in the safety data sheet and always handle chemicals with care.

Do not mix **EC 50** with acids, products containing aldehydes or other cleaning agents and disinfectants!

Serious incidents related to the product have to be notified to: ALPRO MEDICAL GMBH, email: Complaints@alpro-medical.de, tel.: +49 7725 9392-0 and to the competent authority of the Member State.

Physical-chemical characterisation

Density: 0.97 - 0.99 g/cm³ • pH (concentrate): 10 - 11. The surfactants meet the criteria for biodegradation as laid down in Annex III of Regulation (EC) No 648/2004 on detergents.


Ingredients according to Annex VII A, Regulation (EC) No 648/2004 on detergents: <5% cationic surfactants, <5 % non-ionic surfactants, <5 % EDTA, disinfectants, perfumes, d-Limonene.

Disposal

From a dilution to 1 % the concentrate is no longer classified as a hazardous substance and as such can be released into the sewage system; check the contamination contained and observe local pH and sewage regulations. The concentrate has to be disposed of as special waste according to official regulations.

Waste code: 07 06 01*, „aqueous washing liquids and mother liquors“; ; 15 01 10*, „packaging containing residues of or contaminated by dangerous substances“.

Volumes, Storage and Transport

Available volumes: 1 L PE-bottle  8000885. Store only tightly closed original container at a temperature between +5 °C and +30 °C and at a ventilated place, protected from heat and direct solar radiation. Do not store together with food, animal feedstuffs, oxidizing agents and strong acids. Keep under lock and key or accessible only to specialists or people authorized by them.

Shelf life: 3 years from date of production (see additional label).

Dangerous good (class 8 (3), UN 2920) for all means of transport. Transport temperature: -20 °C - +50 °C.