

Surface disinfection

PLIWA Big extra AF

Concentrate based on quarternary ammonium compounds and amine for preparation of a working solution for surface disinfection



Product description

PLIWA Big extra AF is a concentrate based on quarternary ammonium compounds and amine for surface disinfection. The product is diluted with water by the user to the desired concentration and is free of phenols and aldehydes.

Area of application

PLIWA Big extra AF is applied for wipe disinfection of non-invasive medical devices and medical equipment.

PLIWA Big extra AF is suitable for:

- Areas in medical and dental practices which are used for medical purposes
- Surface which are not in direct skin contact with patients or medical staff
- Materials that have been tested for compatibility with the product (see material compatibility on page 2)

Not tested for food and veterinary areas. Not suitable for disinfection of skin and hands. Not suitable for disinfection of invasive medical devices. Do not use for disinfection of semi-critical and critical medical devices. Do not use for spraying.

Special advices

Avoid contact with other chemicals.

Read safety datasheet and technical datasheet before use.

Application only by qualified personnel.

Avoid skin contact with treated surfaces (e.g. in paediatric practices). In areas where skin contact is possible, wiping with clear water after disinfection is recommended.

Prior to the first application of the product or after application of another product the surface must be cleaned with clear water.

Further information on cleaning and disinfection of surfaces and medical devices is available on the homepage of the Robert Koch-institute. The Recommendation of the Commission for Hospital Hygiene and Infection Prevention at the Robert Koch Institute (RKI) is available online: „Hygiene Requirements for Cleaning and Disinfecting Surfaces“.

Application

Personal protection

Put on protective gloves, face mask and safety glasses prior to each disinfection. Provide adequate ventilation.

- 1) Prepare the working solution in the desired concentration with water (approx. 20°C).
Chronological order: First provide water, then add concentrate.
Example for a 5% working solution:
Mix 950 ml water (approx. 20°C) + 50 ml concentrate.
- 2) In case of contaminated surfaces: Remove visible contaminations. Then disinfect surface.
- 3) Wipe disinfection: Apply working solution onto the surface with a clean cleaning cloth. Wipe the surface applying mild pressure (wet wiping). Keep the surface completely moist during contact time.
- 4) After contact time has elapsed: Remove residues with a clean, dry, disposable cloth or allow to dry.

Wipe treated surfaces regularly with clear water in order to remove sticky remains of the disinfectant.

Wipe sensitive materials with clear water after the contact time has elapsed.

Please note that the disinfection does not substitute cleaning of the surface.

See page 2 for detailed efficacy spectrum.

Shelf life

Prepare the working solution freshly before each disinfection procedure.

See product label for expiry date. Do not use the product after expiry date.



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Efficacy spectrum/concentration/contact times

efficacy (dirty conditions, at room temperature)	standard	conc.	contact time
Bacteria			
<i>S. aureus</i> , <i>P. aeruginosa</i> , <i>E. hirae</i>	EN 13727	1 %	30 min
<i>S. aureus</i> , <i>P. aeruginosa</i> , <i>E. hirae</i>	EN 16615	0,5 %	5 min
Yeasts			
<i>C. albicans</i>	EN 13624	1 %	30 min
<i>C. albicans</i>	EN 16615	0,5 %	5 min
Mycobacteria/TB			
<i>M. avium</i> , <i>M. terrae</i>	EN 14348	0,5 %	30 min
Viruses			
Enveloped viruses			
MVA Modified Vacciniavirus Ankara	EN 14476	1 %	60 min
Non-enveloped viruses			
Adenovirus Poliovirus	EN14476	3 %	60 min
MNV Murine Norovirus		5 %	60 min
Rotavirus		1 %	30 min

Examples for preparation of working solutions

Concentration of working solution	water	concentrate
0.5 %	995 ml	5 ml
1.0 %	990 ml	10 ml
3.0 %	970 ml	30 ml
5.0 %	950 ml	50 ml

Storage advice

Only store in original container. Store in an upright position. Store in a well-ventilated place. Keep away from food, drink and animal feedingstuffs. Storage temperature: 5-25°C. See safety datasheet for further advice.

Chemical/physical parameters

appearance: clear, blue liquid
pH-value: 9,5 – 10,5
rel. density: 0,974 – 0,994 g/cm³

Material compatibility

Metal	Stainless steel
Plastics	PE, PSU, PVC
Rubber	Silicone
Advice:	Upon compliance to intended use as well as the indicated contact time and concentration, no material damage is to be expected with the above mentioned materials. Test material compatibility for polyacrylates, polycarbonates as well as not mentioned materials.

Composition

100 g contain the following active substances:
17.00 g Alkyldimethylbenzylammonium chloride, 4.80 g N,N-Bis-(3-aminopropyl)-dodecyl amine, 2.94 g Didecyl-dimethylammonium chloride

Labelling

Medical device class II a / MD 0108



For information on labeling according to Regulation (EC) No 1272/2008 (CLP) see safety datasheet and label.



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Expert opinions and further information

PLIWA Big extra AF has been assessed by independent laboratories.

For further details concerning expert opinions, informations on products and answers to specific questions contact us by e-mail (info@pliwa.de) or telephone (049 5661 73170).

PLIWA Hygiene GmbH has a manufacturing authorisation as per §13 German medicines act as well as a GMP- and an EN ISO 13485 certificate.

Informations for order

Single package	Packaging unit	REF
1 L dosing bottle	18 x 1 L (box)	10-0021
1 L cylindrical bottle	12 x 1 L (box)	10-0021-1
2 L bottle w. handle	10 x 2 L (box)	10-0022
5 L canister		10-0023
10 L canister		10-0024
Application aids		
dosing pump	for canisters	50006
drainage tap	for canisters	50009

Report serious incidents related to this product to the manufacturer and the respective authorities.

