



ZHIVAS LTD

INSTRUCTIONS FOR USE

ALDEQUAT MD

LIQUID CONCENTRATE FOR DISINFECTION OF NON-INVASIVE MEDICAL INSTRUMENTS AND MEDICAL DEVICES



Application

ALDEQUAT MD is intended for disinfection of non-invasive medical and dental instruments and for final disinfection of non-critical medical devices.

Properties

The formula of ALDEQUAT MD is based on synergic combination of aldehydes and quaternary ammonium compounds, which guarantees broad spectrum of germicidal activity at low concentrations of the working solution. Blood and protein contamination do not affect its efficacy.

Aldequat MD is formaldehyde and phenols free. It has good material compatibility and various materials can be treated repeatedly without being damaged.

Aldequat MD possesses excellent cleaning property. Its working solutions have pleasant odor.

Color:	light blue
pH (as supplied)	3.0 - 5.5
Density	1.050 - 1.080 g/cm ³

Ingredients

Active substances:	100 g ALDEQUAT MD contain:
	0.5 g Glutaraldehyde (CAS 111-30-8)
	12.0 g Glyoxal (CAS 107-22-2)
	2.0 g (Ethylendioxy) dimethanol (CAS 3586-55-8)
	5.0 g Didecyl dimethyl ammonium chloride (CAS 7173-51-5)

Auxiliary ingredients: Corrosion inhibitors, non-ionic surfactants, solvent

Classification

Aldequat MD meets the requirements for chemical disinfectants of the European MDD 93/42/CEE and is classified as a medical device - Class IIa.

FOR PROFESSIONAL USE ONLY

Spectrum of activity

Bactericidal – mycobactericidal (*incl TBC*) – fungicidal – virucidal.



Microbiological activity	Concentration	Standard	Exposition
Bactericidal (<i>P. aeruginosa</i> , <i>S. aureus</i> , <i>E. hirae</i>)	0.25% 0.50%	EN 14561	30 min 15 min
Fungicidal (<i>C. albicans</i>)	0.25% 0.50%	EN 14562	30 min 15 min
Mycobactericidal (<i>M. terrae</i> , <i>M. avium</i>)	1.50%	EN 14348	60 min
Virucidal (<i>Adeno</i> , <i>Noro</i> , <i>Polio</i>)	0.50%	EN 14476	60 min

Method of Application

Apply Aldequat MD in accordance with the recommended concentrations and exposure time (see Dosing table).

Prepare the working solution with tap water at room temperature. Add the respective quantity of the concentrate to the water stir gently for a minute. There are no requirements about the hardness of the water.

Disinfection is performed by immersing the medical instruments in the solution or by wiping the surfaces of the medical devices.

When applicable, disassemble the medical instruments as far as possible and immerse them in the solution. Make sure they are completely covered, all cavities are completely filled. After exposition time, rinse well the instruments using demineralized water for the final stage of rinsing.

Dosing table

Disinfection object	Concentration of working solutions	Activity spectrum	Exposition
Non-invasive medical instruments and medical devices	0.25 %	Bactericidal and fungicidal	30 minutes
	0.50 %	Bactericidal, fungicidal	15 minutes
	0.50%	Virucidal	60 minutes
	1.50 %	Mycobactericidal /incl.TBC/	60 minutes

Caution! Working solutions can be used for up to 14 days after preparation. Clean the medical instruments before disinfection.

Avoid contact with soaps and anionic surfactants – they can reduce the efficacy of the medical device.

Material compatibility

Stainless steel, all common plastics, including ABS, polyamide, PE, acrylic glass, polycarbonate, PET and PVC.



(GHS07) (GHS09) (GHS 08)

Hazard statements:

H315 – Causes skin irritation

H317 – May cause an allergic skin reaction

H319 – Causes serious eye irritation

H332 – Harmful if inhaled

H341 – Suspected of causing genetic defects



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H400 – Very toxic to aquatic life

Precautionary statements:

P102 – Keep out of reach of children.

P261 – Avoid breathing vapours

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P273 – Avoid release to the environment

P405 – Store locked up.

P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P302+352+312 IF ON SKIN: If skin irritation occurs: Get medical advice/attention.

Storage conditions

Store in closed original packaging in dry and well ventilated premises, away from direct sunlight at temperature from 5 ° C to 30° C.

Treatment of waste and packaging – according to local regulations

Do not release the concentrate in the environment – for disposal of waste, residuals and empty packaging see special instructions in the safety data sheet.

Packaging: (HDPE) bottles of 1000 ml and canisters of 3l, 5l and 10 l

Shelf life

2 years

Manufacturer

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