



ALDEQUAT

CONCENTRATE FOR CLEANING AND DISINFECTION OF SURFACES



Application

ALDEQUAT is intended for manual or machine cleaning and disinfection of water-resistant (plastic, metal, glass, painted wooden and other) surfaces in healthcare and medical institutions, public places (schools, kindergartens, social establishments, hotels, cosmetic and sport objects), pharmaceutical and cosmetic industries.

Properties

The formula of ALDEQUAT is based on combination of dialdehydes and quaternary ammonium compounds. The preparation does not contain formaldehyde and its active ingredients are biodegradable. It contains corrosion inhibitors and different water-resistant materials can be treated repeatedly without being damaged. It possesses low allergic potential. Easy soluble, its working solutions have pleasant odor and can be used up to 14 days after preparation.

At relatively low concentrations and short contact times ALDEQUAT shows a broad spectrum of activity.

Appearance	clear blue liquid with pleasant odour
pH (concentrate)	3.0 – 4.5
pH (1 % solution)	6.5 – 7.0
Density	1.065 g/cm ³

Ingredients

Each 100 g ALDEQUAT contain:

Active substances:

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, chelating agents, non-ionic surfactants, solvent, scent.



Spectrum of activity

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

Microbiological activity	Concentration	Test method	Exposition
Bactericidal (<i>P.aeruginosa</i> , <i>S.aureus</i> , <i>E.coli</i>)	0.25%	EN 13697	60 min
Fungicidal (<i>C.albicans</i> , <i>A.niger</i>)	0.25%	EN 13697	60 min
Bactericidal (<i>P.aeruginosa</i> , <i>S.aureus</i> , <i>E.coli</i> , <i>E.hirae</i>)	0.25%	EN 1276	30 min
Fungicidal (<i>C.albicans</i> , <i>A.niger</i>)	0.25%	EN 1650	30 min
Bactericidal (MRSA)	0.25%	EN 1040	30 min
	0.50 %		5 min
Mycobactericidal/ tuberculocidal (<i>M.terrae</i> , <i>M.avium</i>)	1.50%	EN 14348	60 min
Virucidal (HBV/HCV/HIV envelope viruses)	0.50 %	Standard of the German Association for Control of Virus Diseases	60 min

Recommended dosage:

ALDEQUAT is supplied as concentrate and should be applied according to the recommended concentrations and exposure times (see the dosing table below)

Use the supplied measuring cup and tap water to prepare the working solution. The preparation is dissolved in water (at room temperature) by filling the respective vessel with water first and then adding the needed quantity of disinfectant and stirring gently. There are not requirements about the hardness of the water. Apply by wiping with sufficient quantity of working solution using any suitable device or machine.

Dosing table

Disinfection object	Activity spectrum	Concentration of working solution	Exposition
Cleaning and disinfection of various water-resistant surfaces	Bactericidal and fungicidal	0.25 % (25 ml/10 l)	60 min
	Bactericidal, fungicidal and virucidal	0.50 % (50 ml/10 l)	60 min
	Mycobactericidal (tuberculocidal)	1.50 % (15 ml/1 l)	60 min

When ALDEQUAT is applied for disinfection of surfaces entering into contact with food, they have to be rinsed with plenty of potable water after exposition.



Useful shelf life of not contaminated 25% working solution of Aldequat, determined by the relative reduction of the content of the active ingredients. Maximum reduction allowed 3.5%

Life of solution [days]	0	1	4	7	11	14	Relative reduction at day 14 [%]
Glutaral, mg/dm ³	12.7	12.7	12.5	12.5	12.4	12.3	3.2 %
(Ethylendioxy)dimethanol, mg/dm ³	50.8	50.8	50.4	50.0	49.8	49.7	2.2 %
Glyoxal, mg/dm ³	298.5	298.0	295.0	293.6	291.8	290.5	2.8 %

Conclusion:

The useful shelf life of not contaminated 25% working solution of Aldequat can be used up to 14 days after preparation.

Material compatibility

Compatible with: Plastic, stainless steel, copper, brass, aluminum, glass, painted wood, stone, ceramics, mosaic, synthetic materials.

Storage conditions

Keep out of the reach of children. Store in unopened original packaging in dry and well ventilated premises, away from direct sunlight at temperatures from 2°C to 40 °C.

Precautions

In case of contact with eyes rinse immediately with plenty of water and seek medical advice. If in contact with skin, rinse immediately with plenty of water. If swallowed, do not induce vomiting, immediately seek medical advice and show this container or label.

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 the special instructions in safety data sheet.

Packaging

Plastic tubes of 10 l , 5 l , 3 l and vials of 1000 ml.

Shelf life - 3 years

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