



Mikroclean PLUS D

A concentrate for the disinfection of suction units.

Mikroclean Plus D is a concentrate for the disinfection of suction units. The product contains quarternary ammonium compounds and is free of aldehydes and phenols.

Due to the daily aspiration of organic and inorganic substances, there is a risk that these substances deposit in the tubes and filters of the suction unit and become a source of infection for dentist and personnel.

Therefore, a disinfection on a regular basis is recommended. The components of the product achieve a foam-free care with a high cleaning capacity. Even persistent deposits in hard to access places are removed. A technically faultless, perfectly hygienic operation of the suction unit despite high level of bioburden and contamination (e.g. amalgam debris, dentin powder, proteins, saliva) are ensured.

Area of Application

- Mikroclean Plus D is applied for the preparation of a working solution for the daily disinfection of dental suction units.
- It is suitable for the disinfection of dental suction units with and without amalgam separator.

Special Advice

- Do not mix with additives or other products.
- Read safety datasheet and technical datasheet before use.
- Application only by qualified personnel.
- Do not exceed a contact time of over 48 hours.

Personal Protection

- Put on protective clothes, gloves, face mask and eye protection prior to disinfection!
- Provide adequate ventilation.
- Keep product away from sources of ignition - Do not smoke.
- Wash hands thoroughly after use.
- Preventive skin protection is recommended.

See page 2 for efficacy spectrum and material compatibility

Shelf Life and Expiry Date

- Prepare the working solution freshly prior to each disinfection. and
- Do not use the product after the expiry date indicated on the label.

Identification, certificates

- Medical device class II a / M0108



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Instructions for Application

Mikroclean Plus D should be used once or twice per day in order to achieve hygienic safety.

1. Prior to disinfection: Put on protective clothing and rinse the suction unit with 1 litre of clear water (ca. 20°C) to ensure a smooth disinfection procedure.
2. Prepare the working solution freshly in a dosing container. Example for a 3 % working solution: Mix 970 ml water (approx. 20°C) + 30 ml concentrate. Chronological order: Provide water, then add concentrate.
3. One litre of working solution per suction unit is aspirated through the tubes (and the rinsing bowl if applicable) at least once or twice per day after the end of work.
4. After the contact time has elapsed: Rinse the suction unit with at least 1 litre of water (max. 20°C) to flush out the dissolved contaminations.

Product Attributes

Composition:

- 100 g concentrate contain:
- 13,2 g 2-Amino ethanol, 4 g Benzalkonium chloride,
- 5 g 2-Propanol, as well as chelating agent, anti-foaming agent, colouring agent

Characteristics:

- Appearance: clear yellow liquid
- pH value: 12.0 - 13.0
- Density at 20°C: 0.950-1.050 g/cm³

Storage Advice

- Keep only in original container.
- Store in a well-ventilated place.
- Store in an upright position.
- See safety datasheet for further advice.

Labelling according to Regulation (EC) No. 1272/2008 (CLP)

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



UN 1903

Quality Management

The manufacturer has a manufacturer's authorisation as per §13 German medicines act as well as a GMP - and an EN ISO 13485 certificate.

Airandé is also certified as a Medical Devices Manufacturer under ISO 13485 and maintains a Quality Management System under that standard.

Further Information

Mikroclean PLUS D has been assessed by independent laboratories. For further detail concerning expert opinions, information on products and answers to specific questions contact Airandé by email (info@airande.gobal or telephone +61 2 9844 5826



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Efficacy Spectrum

Efficacy at room temperature				
Standard	Strain	Cond	Conc	Contact Time
Bactericidal				
VAH (Standard Methods)**	<i>S. aureus, E. hirae, E. coli, P. mirabilis, P. aeruginosa</i>	Dirty	1.5%	15 min
EN 13727	<i>S. aureus, E. hirae, P. aeruginosa</i>	Dirty	1.5%	15 min
EN 13697	<i>S. aureus, E. hirae, P. aeruginosa, E. coli</i>	Dirty	3.0%	30 min
Mycobacteria/TB				
EN 14348	<i>M. terrae, M. avium</i>	Dirty	3.0%	30 min
Yeasts				
VAH (Standard Methods)**	<i>C. albicans</i>	Dirty	1.5%	15 min
EN 13624	<i>C. albicans</i>	Dirty	3.0%	30 min
EN 13697	<i>C. albicans</i>	Dirty	3.0%	30 min
Viruses				
EN 14476	MVA Modified Vaciniavirus Ankara	Dirty	2.0%	1 min
	Adenovirus Typ 5	Dirty	2.0%	30 min
	MNV murine Norvirus	Clean	3.0%	15 min
	Human Rotavirus (without protein load)		3.0%	15 min

* dirty conditions according to En 13697:2015-06 Quantitativ non-porous surface test for the evaluation of bactericidal and/or fungicidal activity of chemical disinfectants used in food, industrial, domestic, and institutional areas.



Packaging and Ordering

Unit	Units Per Carton	Product Number
1000ml bottle	18	AIR_10-0011
5-liter Canister	1	AIR_10-0013
Accessories		
Dosing pump for canistr		AIR_93933
Dosing tap for canister		AIR_93916



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Technical Sheet_V1_042023

