

TECHNICAL DATA SHEET

AIRGENE CE	CE Mark ON 0476	Version 07 Date last revision: 30.01.18 SHEET 1 of 3
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Eschmann Technologies Ltd

15 Peter Road, Lancing Business Park,
Lancing, West Sussex, BN15 8TJ, UK
Telephone: +44 (0) 1903 753322
Email: info@eschmann.co.uk

Description

- **AIRGENE CE** is a product for the airborne disinfection of surfaces of medical devices, for clinical and environmental use.
- Total discharge through its “one-shot” valve, which permits nebulization of the content in a single application.
- Elaborated from a synergistic blend of active ingredients, with next-generation quaternary ammonium compounds in combination with adjuvant agents and active extracts of essential oils.
- Free of flammable and toxic ingredients, which permits its use in places where other products cannot be applied.
- Broad spectrum biocide and rapid action against bacteria, mycobacteria, fungi and viruses.
- Eliminates odours caused by bacterial decomposition.
- The nebulisation allows the disinfecting formula to reach difficult or non accessible corners by other means and makes **AIRGENE CE** suitable for terminal disinfections.
- The product fulfils AMS 1452 specifications (SAE AMS 1452; Disinfectant Aircraft, General Purpose) for the use in Aircraft disinfection.
- Product classified as Medical Device, Class IIa

Applications

Operating block, Infectious areas, Ambulances, medical consultancies, warehouses, offices, etc. Also for transport means (planes, trains, buses, cars ...), Laboratories, clean rooms, medical and veterinary consultancies, warehouses, offices, schools, hotels, air conditioning systems ...

Composition

Ingredients	Concentration
Didecyl dimethyl ammonium chloride 70%	0,46%
2-phenoxyethanol	0.10%
Cinnamaldehyde	0.02%
Aliphatic solvent, propellant and excipients qsf	100%

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Physical-chemical properties

State at room temperature	Liquid (actives) – Gas (propellant)
Pressure	20°C: 4.0 bar 50°C: 8.0 bar
Flammability	Non-flammable
pH	6.5 – 8.5
Weight (50 ml container)	Product: 10.8 g, Propellant: 58.5 g, Total: 69.3 g
Weight (300 ml container)	Product: 64.8 g, Propellant: 335 g, Total: 399.8 g
Interaction with materials	The product is not corrosive and do not alter tested materials: AISI 316 stainless steel, aluminum, PMAA-methacrylates.
Interaction with the environment	Does not harm the ozone layer, does not contain CFCs.
Product sedimentation does not stain surfaces.	

Antimicrobial activity

	Time (min)	Reduction
BACTERICIDAL (EN 1276)		
Gram + (<i>Staphylococcus aureus</i> , <i>Enterococcus hirae</i>) Gram – (<i>Pseudomonas aeruginosa</i> , <i>Escherichia coli</i>)	1 min	>5log₁₀
BACTERICIDAL (EN 13697)*		
Gram + (<i>Staphylococcus aureus</i> , <i>Enterococcus hirae</i>) Gram – (<i>Pseudomonas aeruginosa</i> , <i>Escherichia coli</i>)	5 min	>4log₁₀
BACTERICIDAL (EN 13727)		
Gram + (<i>Staphylococcus aureus</i> , <i>Enterococcus hirae</i>) Gram – (<i>Pseudomonas aeruginosa</i>)	30 min	>5log₁₀
YEASTICIDAL / FUNGICIDAL (EN 1650)		
<i>Candida albicans</i> , <i>Aspergillus niger</i>	15 min	>4log₁₀
YEASTICIDAL / FUNGICIDAL (EN 13697)*		
<i>Candida albicans</i> , <i>Aspergillus niger</i>	15 min	>3log₁₀
YEASTICIDAL / FUNGICIDAL (EN 13624)		
<i>Candida albicans</i> , <i>Aspergillus brasiliensis</i>	30 min	>4log₁₀
VIRUSES (EN 14476)		
<i>Influenza A (H1N1)*</i> *Surrogated flu virus for lipophilic viruses (Flu, Coronavirus, Ebola, Hepatitis, HIV...)	15 min	>4log₁₀
MYCOBACTERICIDAL (EN 14348)		
<i>Mycobacterium avium</i> , <i>Mycobacterium terrae</i>	10 min	>4log₁₀

* Product tested without alcohol

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Instructions for use

1. The **AIRGENE CE** is best located on a smooth surface, in the centre of the room and mid-height and remove the cap seal. Do not place directly under a smoke alarm and close windows and doors of the desired location to be treated.
2. Remove all staff (or animals) from the room to be treated.
3. Holding away from the face, press and turn the total-discharge valve allowing the product to commence dispersal. Place on the desired location and leave the room.
4. The 50ml product forms a cloud that covers a 40 m³ of volume in 1-minute – equivalent room size of 4m x 4m x 2.5m height. approx.
The 300ml container will cover an area equitable to 150 m³- equivalent room size of 10m x 5m x 3m height.
5. For comfort and safety, a recommended contact time is at least 1 hour.
6. Ventilate the room before re-entering.

Precautions

- Read the label carefully before using the product. An inadequate use of the product can cause deficient surface disinfection.
- Maintain temperatures higher than 0 °C. Avoid freezing.
- Bottle under pressure. Avoid exposure to sun light and temperatures above 50 °C. Do not puncture or burn, including after its use. Do not spray on a naked flame or an incandescent body. Keep away from any source of ignition – no smoking.
- Do not use in combination with products that contain or release chlorine (hypochlorite). Do not use with anionic detergents
- Hazard statements: Causes serious eye irritation (H319), May cause drowsiness or dizziness (H336), Harmful to aquatic life with long lasting effects (H412)
- Precautionary statements: Avoid breathing vapours (P261), Wear protective gloves/protective clothing/eye protection/face protection. Wash with the hands thoroughly after handling (P280 + P264), IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305 + P351 + P338). If eye irritation persists: Get medical advice/attention (P337 + P313). Store in a well-ventilated place. Keep container tightly closed (P403 + P233), Avoid release to the environment (P273), Dispose of contents and/or container in accordance with dangerous residues regulations (P501)

Presentations

Aerosol container of 50 ml: Reference AG012CE (boxes of 12 units)