

<b>AIRGENE CE</b>	<b>CE Mark ON 0476</b>	<b>Version 07 Date last revision: 30.01.18 SHEET 1 of 3</b>
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**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

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

### Antimicrobial activity

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

\* Product tested without alcohol

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### Instructions for use

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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 m<sup>3</sup> 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 m<sup>3</sup>- 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

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- 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

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Aerosol container of 50 ml: Reference AG001 (boxes of 12 units)