**Application**

Fogging liquid for room and area decontamination, developed for use in ultrasonic and electrical fogging equipment. Intended for use in:

- Medical and healthcare environments
- Hospitals (operating rooms, hospital wards, isolation wards or rooms)
- General practitioners offices, dentists offices
- Semi-critical care, nursing homes, long term care environments
- Clean rooms in for example pharmaceutical, academic and semi-conductor environments
- Cruise liners and other facilities facing outbreaks of for example: MRSA, C. Difficile, Noro, TBC, SARS, H5N1, H1N1

**Microbiological efficacy**

The Aseptix AerOx® critical area fogging disinfectant has been tested by independent laboratories according the European Norms. The product has shown efficacy on the following micro-organisms:

<table>
<thead>
<tr>
<th>Microorganism</th>
<th>Contact Time</th>
<th>Tested by</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bacteria</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>S. aureus</td>
<td>30 sec.</td>
<td>EN 1276</td>
</tr>
<tr>
<td>E. coli</td>
<td></td>
<td>HygCen</td>
</tr>
<tr>
<td>P. aeruginosa</td>
<td>30 sec.</td>
<td>EN 1276</td>
</tr>
<tr>
<td>E. hirae</td>
<td></td>
<td>HygCen</td>
</tr>
<tr>
<td><strong>Additional bacteria</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MRSA</td>
<td>30 sec.</td>
<td>EN 1276</td>
</tr>
<tr>
<td>VRE (E. faecium)</td>
<td>60 sec.</td>
<td>EN 1276</td>
</tr>
<tr>
<td><strong>Yeasts &amp; Fungi</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>C. albicans</td>
<td>5 min.</td>
<td>EN 1650</td>
</tr>
<tr>
<td>A. niger</td>
<td></td>
<td>HygCen</td>
</tr>
<tr>
<td><strong>Mycobacteria</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>M. avium</td>
<td>15 min.</td>
<td>EN 14348</td>
</tr>
<tr>
<td>M. terrae</td>
<td></td>
<td>HygCen</td>
</tr>
<tr>
<td><strong>Viruses</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BVDV &amp; Vaccinia</td>
<td>15 sec.</td>
<td>DVV/RKI</td>
</tr>
<tr>
<td>HIV, SARS</td>
<td></td>
<td>Mikrolab</td>
</tr>
<tr>
<td>Corona, HBV, HDV, Influenza</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Spores</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B. subtilis</td>
<td>30 min.</td>
<td>EN 13704</td>
</tr>
<tr>
<td></td>
<td></td>
<td>HygCen</td>
</tr>
</tbody>
</table>

**Benefits**

- For use in ultrasonic & electronic fogging devices
- Safe & simple to use
- Leaves no active residue causes no microbial resistance
- Excellent material compatibility, also on alcohol-sensitive surfaces
- No or low rinsing of surfaces required after use
- Non irritating, non flammable
- No solvents
- Effective deodorizer
- Based on biodegradable ingredients

**Aseptix® AerOx® Fogging Disinfectant**

Aseptix AerOx® is a premium and broad spectrum room disinfection product for use in fogging equipment.

This Hi-speed H$_2$O$_2$™ based product has bactericidal, fungicidal, virucidal, mycobactericidal and sporicidal efficacy according European Norms. It does not contain any quats, chlorine, peracetic acid or other active ingredients.

Aseptix AerOx® can be used in ultrasonic and electrical fogging equipment. It is suitable for demanding situations such as medical, health care, long term care, and cleanroom environments.
**Available products**

<table>
<thead>
<tr>
<th>Trading unit</th>
<th>Product code</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 canisters</td>
<td>AX.312.2</td>
</tr>
</tbody>
</table>

**Material compatibility**

This product can be used on virtually any hard surface. Examples of materials* that the sprays can be used on:

- Stainless steel
- Glass
- Glazed tiles
- Ceramics
- Lacquered surfaces
- Acrylics
- Polyethylene, Polypropylene
- Polycarbonate
- PET
- HDPE, MDPE, LDPE
- PVC
- Perspex (PMMA)
- Polystyrene
- Trespa
- ABS
- Etc.

However, do not use on marble, copper, brass or other surfaces sensitive to oxidative agents. *Surface compatibility study available upon request.


**TECHNICAL DATA**

**Aseptix® AerOx® Fogging Disinfectant**

- **Use Dilution:** N/A (ready to use)
- **Active Ingredient:** Hydrogen peroxide (Hi-speed H$_2$O$_2$™): 49,9 mg/g (CAS 77-22-841)
- **Surfactants:** None
- **Color/Form:** Transparent colorless liquid
- **Fragrance:** Unfragranced, characteristic odour
- **Cleaning performance:** None (use in clean conditions only)
- **pH:** 2-3
- **Relative Density:** +/- 1,0 kg/l
- **Flame Point:** Not flammable
- **Chemical Stability:** Chemically stable from 4°C to 30°C (biocidal properties not affected by storage in this temperature range)
- **Shelf Life:** 36 months. 6 months after opening. Store in original pack.
- **Required R/S phrases:** R66 Repeated exposure may cause skin dryness or cracking. S23 Do not breathe vapour. S38 In case of insufficient ventilation wear suitable respiratory equipment.

**Note on Efficacy**

The contact times displayed in the table are based on laboratory test conditions. The advised contact time for AerOx® used in fogging applications is 120 minutes.

**General Use Instructions**

1. Remove any sensitive electronic equipment and any objects sensitive to moist.
2. Clean visibly dirty surfaces prior to fogging procedure. Use in clean environments only.
3. Switch off air circulation and air conditioning systems, close doors and windows. Ensure the absence of air turbulence.
4. Ensure the humidity of the air in the room prior to the start of the operation does not exceed 60% relative humidity. In case the humidity is higher, it is advised to dehumidify the air by using a simple dehumidifier. For optimal conditions, the relative humidity should be below 50% relative humidity. Dehumidify as well between disinfection cycles.
5. Fog the room to be disinfected using the instructions of your fogging device. Ensure a dwelling time of at least 120 minutes.

The product can be effectively fogged between -5°C and 40°C. When using Aseptix® fogging equipment: disinfection results as indicated by Aseptix® can only be guaranteed with the use of AerOx® liquid. Please refer to the separate Technical Product Sheet on Aseptix Fogging Machines for more information. When using other equipment, refer to the use instructions provided with your machine.

**Safety Reminder**

Keep out of the reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Do not swallow. If swallowed, seek medical advice immediately and show this container or label. Repeated exposure may cause skin dryness or cracking. Do not breathe vapor. In case of insufficient ventilation wear suitable respiratory equipment. Keep away from heat sources and out of direct sunlight. Store between +4°C and +30°C. To assure safety use only for the intended purpose as directed. Before use, read the additional information in the Product Data Sheet and SDS. SDS available for professional user on request (info@aseptix.com, or by calling +31 (0)88 ASEPTIX (+31 (0)88 2737849)). Do not use on marble, copper, brass or other surfaces sensitive to oxidative agents. Always test the product in a less visible place for material compatibility. Do not reuse container for other purposes. Based on biodegradable ingredients.