Creating a Safer Environment for Patients

Healthcare-Associated Infections (HAIs) are a serious and growing problem. HAIs are the most common complication of hospital care and are one of the top causes of death globally.

Recent studies have shown that the environment can play a significant role in the transmission of pathogens and that the cleaning and disinfection of surfaces plays a critical role in reducing the risk of HAIs and improving patient outcomes.

Today’s healthcare professionals need disinfectants that are fast, effective and responsible.

Until now, traditional disinfectant technologies have not kept pace with customer needs for efficacy, cleaning, safety and sustainability.

Oxivir® – Powered by AHP® Technology

- AHP is a patented, synergistic blend of commonly used, safe ingredients that when combined with low levels of hydrogen peroxide dramatically increase its germicidal potency and cleaning performance.
- Oxivir disinfectant cleaners provide an alternative to traditional disinfectants by delivering fast acting, broad spectrum disinfection with enhanced cleaning power that is staff and patient friendly while being gentle on most surfaces. The active ingredient, hydrogen peroxide, breaks down into environmentally-friendly water and oxygen just minutes after use.

An alternative with proven efficacy that is gentle to staff and surfaces

Comprehensive product line meeting all application needs:
- Ready-to-use Liquid
- Pre-moistened Wipes
- Concentrate

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>AHP Hydrogen Peroxide</td>
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<td>✓</td>
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<td>✓</td>
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<tr>
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<td>✓</td>
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<td>✓</td>
<td>✓</td>
<td>✓</td>
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</tr>
</tbody>
</table>


- AHP: Apatented, synergistic blend of commonly used, safe ingredients that when combined with low levels of hydrogen peroxide dramatically increase its germicidal potency and cleaning performance.

- Oxivir disinfectant cleaners provide an alternative to traditional disinfectants by delivering fast acting, broad spectrum disinfection with enhanced cleaning power that is staff and patient friendly while being gentle on most surfaces. The active ingredient, hydrogen peroxide, breaks down into environmentally-friendly water and oxygen just minutes after use.

An alternative with proven efficacy that is gentle to staff and surfaces

Comprehensive product line meeting all application needs:
- Ready-to-use Liquid
- Pre-moistened Wipes
- Concentrate

- AHP technology from Virex Technologies

- 30 Sec

- 1 Min

- 30 Sec

- 1 Min
Superior Cleaning Ability

- The patented AHP® technology contains a high-performance surfactant system that delivers superior cleaning results versus many other disinfectant technologies.
- Exceptional cleaning properties even in the presence of organic soils and hard water.
- Thorough soil removal enables effective one-step cleaning and disinfection, improving staff productivity.
- Oxivir® disinfectant cleaners will not bind with cleaning tool fabrics such as cotton or microfiber, eliminating the risk of reduced efficacy due to quat binding.

AHP Technology Cleans Better than Traditional Disinfectants

<table>
<thead>
<tr>
<th>% Soil Removal in a Standard Cleaning Test</th>
</tr>
</thead>
<tbody>
<tr>
<td>AHP (1:16)</td>
</tr>
<tr>
<td>Quat (1:256)</td>
</tr>
<tr>
<td>Phenolic (1:256)</td>
</tr>
<tr>
<td>Bleach (1:20)</td>
</tr>
<tr>
<td>Distilled Water</td>
</tr>
</tbody>
</table>

“We began using Oxivir as our primary disinfectant about a year ago. Our operations manager called it "Magic Water" because it cleans so well. We noticed a significant difference in the cleanliness of the hospital right away and our ATP results improved dramatically and have stayed consistently low. I believe we provide our patients with a safer environment because we use the best disinfectant on the market.”

Todd Thyssen, Director
Maricopa Integrated Health System

Safety

Although highly effective against key healthcare-associated pathogens, Oxivir® disinfectant cleaners were formulated with the comfort, safety and well-being of staff and patients in mind. Because of the low level of active ingredients in the AHP technology, Oxivir disinfectant cleaners are also compatible for use on most common surfaces in healthcare facilities.

Since Oxivir disinfectant cleaners are non-corrosive and non-irritating to skin and eyes at dilution, they can be safely used without personal protective equipment, enabling use by visitors or staff in public areas or patient settings. They are also pleasant to use, with no VOCs, added fragrances or strong chemical odors or fumes.

Gentle on Surfaces (Surface Compatibility)

Oxivir disinfectant cleaners can be safely used on most common healthcare surfaces. They are compatible with stainless steel, chrome, vinyl, nylon fabrics, laminated surfaces, glass, rubber and hard and flexible plastics such as polypropylene, polyurethane, polyethylene, PVC acrylic, fiberglass and polycarbonate.

Oxivir disinfectant cleaners are not recommended to be used on brass, marble, copper or extremely soft plastics.
Oxivir Excel Wipe

- Ready to use for faster disinfection
- Disposable wipe for ultra hygiene
- Convenient, no preparation or laundry required
- Kills MDRO's such as MRSA, CRE, VRE, CRPsA
- Effective against Bacteria, Viruses and Yeast in as little as 30 seconds
- Full virucidal claim including non-enveloped viruses such as norovirus & poliovirus
- Extensively tested against the new European norms
- Carries yeasticidal claim against Candida albicans
- Powerful surfactant package delivers excellent cleaning performance including descaling and lime limitation
- Excellent user safety profile reduces worker risk and absence
- No hazard warnings in dilution
- Does not contain respiratory irritants
- Does not contain salicylic acid
- AHP formulation is gentle on surfaces extending equipment life
- CEIIa certification allows use on for non-invasive medical devices
- Available as a conc, RTU or wipe
- Suitable for use in high risk areas including ICU, OR, NICU and patient rooms
- Applied for VAH listing

Oxivir Excel® Conc

- Kills MDRO's such as MRSA, CRE, VRE, CRPsA
- Effective against Bacteria, Viruses and Yeast in as little as 30 seconds
- Full virucidal claim including non-enveloped viruses such as norovirus & poliovirus
- Extensively tested against the new European norms
- Carries yeasticidal claim against Candida albicans
- Powerful surfactant package delivers excellent cleaning performance including descaling and lime limitation
- Excellent user safety profile reduces worker risk and absence
- No hazard warnings in dilution
- Does not contain respiratory irritants
- AHP formulation is gentle on surfaces extending equipment life
- CEIIa certification allows use on for non-invasive medical devices
- Available as a conc, RTU or wipe
- Suitable for use in high risk areas including ICU, OR, NICU and patient rooms
- VAH listed

Surface Compatibility

Oxivir Excel Wipes can be used on any hard surface usually encountered in a healthcare environment including stainless steel, glass, acrylics and PVC. It is not suitable for use on marble, copper, brass or other surfaces sensitive to oxidative agents.

Test reports are available on request

<table>
<thead>
<tr>
<th>Efficacy</th>
<th>Test Method</th>
<th>Contact Time Undiluted</th>
<th>Dirty/Clean Conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Virucidal (BVD &amp; Mod VVAs)</td>
<td>DVV limited virucidal test</td>
<td>30 sec</td>
<td>Dirty (FCS)</td>
</tr>
<tr>
<td>Virucidal (Adeno, MNV, Polio)</td>
<td>EN 14476 fully virucidal statement</td>
<td>30 sec</td>
<td>Dirty</td>
</tr>
<tr>
<td>Bactericidal</td>
<td>EN 1276</td>
<td>1 min</td>
<td>Dirty</td>
</tr>
<tr>
<td>Yeasticidal</td>
<td>EN 13624</td>
<td>5 min</td>
<td>Dirty</td>
</tr>
<tr>
<td>Bactericidal</td>
<td>EN 13727</td>
<td>30 sec</td>
<td>Dirty</td>
</tr>
<tr>
<td>Yeasticidal</td>
<td>EN 1650</td>
<td>5 min</td>
<td>Dirty</td>
</tr>
<tr>
<td>Bactericidal Yeasticidal</td>
<td>EN 16615</td>
<td>1 min</td>
<td>Dirty</td>
</tr>
</tbody>
</table>

Test reports are available on request

Surface Compatibility

Oxivir Excel can be used on any hard surface usually encountered in a healthcare environment including stainless steel, glass, acrylics and PVC. It is not suitable for use on marble, copper, brass or other surfaces sensitive to oxidative agents.

* Contact time dependant on dilution

<table>
<thead>
<tr>
<th>Efficacy</th>
<th>Test Method</th>
<th>Dilution and Contact Time</th>
<th>Dirty/Clean Conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bactericidal</td>
<td>EN 1276</td>
<td>1.5% 1 min 3.0% 5 min</td>
<td>Dirty</td>
</tr>
<tr>
<td>Bactericidal</td>
<td>EN 1327</td>
<td>0.75% 30 sec</td>
<td>Clean</td>
</tr>
<tr>
<td>Bactericidal</td>
<td>EN 1327</td>
<td>2.0% 30 sec 1.5% 5 min</td>
<td>Dirty</td>
</tr>
<tr>
<td>Bactericidal Yeasticidal</td>
<td>EN 13697</td>
<td>2.0% 30 sec 1.5% 5 min Yeasticidal: 2.5% 5 min</td>
<td>Clean</td>
</tr>
<tr>
<td>Bactericidal Yeasticidal</td>
<td>EN 13697</td>
<td>2.0% 30 sec 1.5% 5 min Yeasticidal: 3.0% 5 min</td>
<td>Dirty</td>
</tr>
<tr>
<td>Bactericidal Yeasticidal</td>
<td>EN 13697</td>
<td>2.0% 30 sec 1.5% 5 min Yeasticidal: 4.0% 5 min</td>
<td>Dirty medical soil</td>
</tr>
<tr>
<td>Bactericidal Yeasticidal</td>
<td>EN 16615</td>
<td>4.0% 5 min 2% 15 min 1% 60 min</td>
<td>Dirty</td>
</tr>
<tr>
<td>Yeasticidal</td>
<td>EN 16615</td>
<td>2.5% 5 min 3.0% 15 min 2.0% 60 min</td>
<td>Dirty</td>
</tr>
<tr>
<td>Yeasticidal</td>
<td>EN 16615</td>
<td>4.0% 5 min 3.0% 15 min 2.0% 60 min</td>
<td>Dirty</td>
</tr>
<tr>
<td>Sporicidal (Clostridium difficile)</td>
<td>EN 13704</td>
<td>10% 15 min</td>
<td>Clean</td>
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<tr>
<td>Virucidal (BVD &amp; Modified Vaccinia Ankara)</td>
<td>DVV</td>
<td>2.0% 30 sec (BVD) 1.5% 5 sec (Mod VVAs) 2.0% 30 sec (BVD &amp; Mod VVAs)</td>
<td>Dirty (FCS)</td>
</tr>
<tr>
<td>Virucidal (Adeno MNV Polio)</td>
<td>EN 16476</td>
<td>1.5% 5 min (Adeno) 2.0% 5 min (MNV) 1.5% 5 min (Polio) 2.0% 5 min (adeno, MNV &amp; Polio)</td>
<td>Dirty</td>
</tr>
<tr>
<td>Yeasticidal</td>
<td>EN 1650</td>
<td>3.75% 5 min</td>
<td>Dirty</td>
</tr>
</tbody>
</table>

Test reports are available on request
Oxivir® Excel Foam
• Ready to use for faster disinfection
• Foam consistency for safer more effective use
• Kills MDRO’s such as MRSA, CRE, VRE, CRPsA
• Effective against Bacteria, Viruses and Yeast in as little as 30 seconds
• Full virucidal claim including non-enveloped viruses such as norovirus & poliovirus
• Extensively tested against the new European norms
• Carries yeasticidal claim against Candida albicans
• Powerful surfactant package delivers excellent cleaning performance inc. descaling and lime limitation
• Excellent user safety profile reduces worker risk and absence
• No hazard warnings in dilution
• Does not contain respiratory irritants
• AHP formulation is gentle on surfaces extending equipment life
• CEIIa certification allows use on for non-invasive medical devices
• Available as a concentrate, RTU or wipe
• Suitable for use in high risk areas including ICU, OR, NICU and patient rooms
• Applied for VAH listing

Oxivir® Sporicide
• Applied as a foam
• Broadest range of efficacy offers highest level of patient protection
• Ready to use for faster disinfection
• Effective against C. diff, Mycobacteria, Bacteria, Viruses, Yeast and Fungi in as little as 1 minute
• Kills C diff in 1 minute in clean conditions, 3 mins in dirty conditions
• Effective against all key MDRO’s such as MRSA, CRE, VRE in 1 minute
• Powerful surfactant package delivers excellent cleaning performance for C diff rooms
• Superior safety profile vs some other sporicidal agents
• CEIIa certification allows use on for non-invasive medical devices
• Safe for hard, nonporous surfaces and non-invasive medical devices
• Suitable for use in high risk areas in Healthcare including ICU OR, NICU and patient rooms
• Does not contain VOC (Volatile Organic Compounds)
• No rinsing required

Surface Compatibility
Oxivir Excel Foam can be used on any hard surface usually encountered in a healthcare environment including stainless steel, glass, acrylics and PVC. It is not suitable for use on marble, copper, brass or other surfaces sensitive to oxidative agents.

Surface Compatibility
Oxivir Sporicide can be used on any hard surface usually encountered in a healthcare environment including stainless steel, glass and acrylics. It is not suitable for use on marble, copper, brass or other surfaces sensitive to oxidative agents.

Test reports are available on request.
Oxivir® Sporicide Wipe

- Broadest range of efficacy offers highest level of patient protection
- Ready to use for faster disinfection
- Effective against C. diff, Mycobacteria, Bacteria, Viruses, Yeast and Fungi in as little as 1 minute
- Kills C. diff in 1 minute in clean conditions, 3 mins in dirty conditions
- Effective against all key MDRO’s such as MRSA, CRE, VRE in 1 minute
- Powerful surfactant package delivers excellent cleaning performance for C. diff rooms
- Superior safety profile vs some other sporicidal agents
- CEIIa certification allows use on non-invasive medical devices
- Safe for hard, non-porous surfaces and non-invasive medical devices
- Suitable for use in high risk areas in Healthcare including ICU, OR, NICU and patient rooms
- Does not contain VOC (Volatile Organic Compounds)
- No rinsing required
- Applied for VAH listing

Surface Compatibility

Oxivir Sporicide can be used on any hard surface usually encountered in a healthcare environment including stainless steel, glass and acrylics. It is not suitable for use on marble, copper, brass or other surfaces sensitive to oxidative agents.

<table>
<thead>
<tr>
<th>Efficacy</th>
<th>Test Method</th>
<th>Contact Time in Seconds</th>
<th>Dirty/Clean Conditions</th>
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<tbody>
<tr>
<td>Bactericidal</td>
<td>EN 1276</td>
<td>1 min</td>
<td>Dirty</td>
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<tr>
<td>Bactericidal</td>
<td>EN 13727</td>
<td>30 sec</td>
<td>Dirty</td>
</tr>
<tr>
<td>Mycobactericidal</td>
<td>EN 14476</td>
<td>5 min</td>
<td>Dirty</td>
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<tr>
<td>Bacteria spores</td>
<td>EN 16115 (C. diff)</td>
<td>1 and 5 min</td>
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<td>Bactericidal Yeasticidal</td>
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<td>Bactericidal Yeasticidal</td>
<td>Expert Opinion</td>
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<td>Bactericidal Yeasticidal</td>
<td>Gutachten VPH</td>
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<td>Dirty</td>
</tr>
<tr>
<td>Virucidal</td>
<td>CVV, VPH</td>
<td>30 sec</td>
<td>Dirty</td>
</tr>
<tr>
<td>Virucidal</td>
<td>CVV, VPH</td>
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<tr>
<td>Virucidal</td>
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</tr>
<tr>
<td>Virucidal</td>
<td>EN 14476 Expert Opinion (MNV)</td>
<td>1 min</td>
<td>Dirty</td>
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</tbody>
</table>

Test reports are available on request.
Diversey has been, and always will be, pioneers and facilitators for life. We constantly deliver revolutionary cleaning and hygiene technologies that provide total confidence to our customers across all of our global sectors. Led by Dr. Ilham Kadri, President & CEO, and headquartered in Charlotte, North Carolina, USA, Diversey employs approximately 9,000 people globally, generating net sales of approximately $2.6 billion in 2016.

For more information, visit www.diversey.com or follow us on social media.