



# Surface Disinfection





# ALL DISINFECTANT TECHNOLOGIES COME WITH TRADE-OFFS

Disinfectant Technologies								
Key Properties	AHP	Chlorine	PAA	Quat	Quat/Alcohol	Quat/Solvent	Alcohol	Phenolic
Broad spectrum	●	●	●	●	●	●	●	●
Fast acting	●	●	●	●	●	●	●	●
Remains wet	●	●	●	●	●	●	●	●
Not affected by environmental factors	●	●	●	●	●	●	●	●
Non-toxic	●	●	●	●	●	●	●	●
Surface compatibility	●	●	●	●	●	●	●	●
Persistence	●	●	●	●	●	●	●	●
Easy to use	●	●	●	●	●	●	●	●
Acceptable odor	●	●	●	●	●	●	●	●
Economical	●	●	●	●	●	●	●	●
Solubility	●	●	●	●	●	●	●	●
Stability	●	●	●	●	●	●	●	●
Cleaner	●	●	●	●	●	●	●	●
Non-flammable	●	●	●	●	●	●	●	●

- All disinfectants have some gaps in performance versus the Rutala criteria.
- What disinfectant is the best fit for a facility depends largely on the properties most valued.

● Best    ● Does not meet standard  
● Has limitations



# REDUCE THE RISK WITH AHP

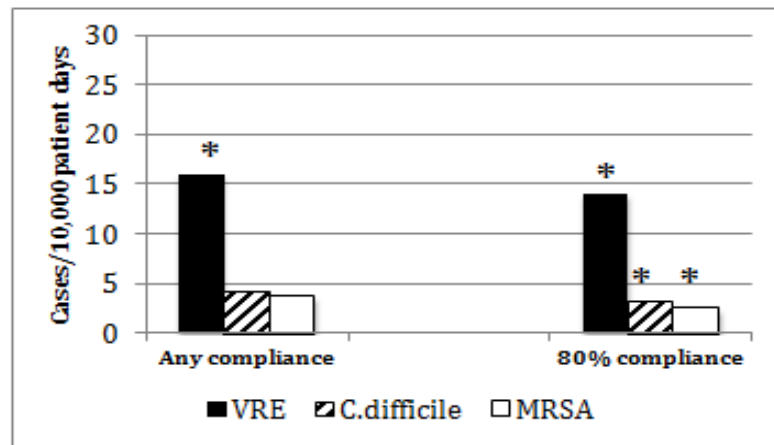
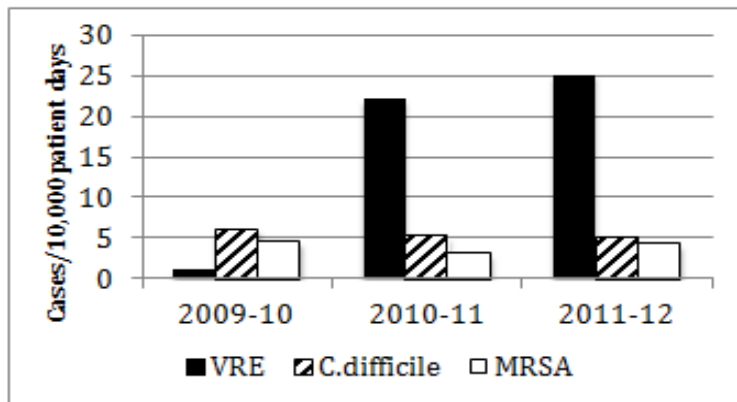
All rates reduced by > 20%

Use of daily disinfectant-cleaner instead of daily cleaner reduced hospital acquired infection rates

HAI Rates with Cleaner only



HAI Rates with Disinfectant-Cleaner in 2012-13



\* Significant reduction in VRE rates (any cleaning compliance), and significant reduction of *C.difficile* and MRSA rates when a minimum of 80% cleaning compliance achieved.



# How to make a difference?



## FASTER

**Contact time** - AHP is fast acting with short contact times that ensure user compliance with label claims.

**Oxivir Plus** is effective against viruses, bacteria, yeast short contact times.



## CLEANER

AHP is one **step disinfectant cleaner** ensuring confidence surface are properly disinfected.

Contains a high-performance surfactant system that results **exceptional cleaning properties even in the presence of organic soils and hard water.**



## SAFER

Comes with the **lowest EPA toxicity rating: non-toxic, non-irritating, odour-free, emits no VOC's and does not require personal protection equipment (PPE)**, therefore it can be safely used without personal protective equipment, enabling use by visitors or staff in public areas or patient settings.



## ECO-FRIENDLY

**Hydrogen peroxide is 100% biodegradable and breaks down into water and oxygen** for easy disposal and minimal, to no environmental impact.

AHP only contains ingredients that are considered environmentally preferable and sustainable.



## COMPATIBILITY

**Oxivir disinfectant cleaners can be safely used on most common healthcare surfaces** such as steel, chrome, vinyl, nylon fabrics, laminated surfaces, glass, rubber and many more.

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



## BALANCE

**Only AHP® delivers the perfect balance between efficacy and safety on users, materials, and the planet.**



# Re-writing the rules for Disinfection

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.

# The War Against Microbes



**Broad Efficacy & Realistic Contact Times**



**Cleaning Effectiveness**



**Surface Safety  
Worker Safety**



**Sustainable**





# Oxivir Plus / NC



**Oxivir Plus is a broad spectrum Daily Cleaner & Disinfectant based on patented AHP technology that is effective against bacteria, viruses and yeast in short contact times!!**

- ✓ Broad spectrum cleaner and disinfectant- Bactericidal, Virucidal, Yeasticidal & Fungicidal - fully virucidal inc Norovirus in clean conditions
- ✓ Very good cleaning performance inc. descaling and limescale limitation
- ✓ Based on AHP technology- degrades into water & oxygen
- ✓ Excellent user safety profile reduces worker risk and absence
- ✓ Available in various platforms for cost effectiveness and ease of use- RTU & 5L
- ✓ Also available in innovative platforms for accurate dosing- SmartDose & JFlex
- ✓ No Hazard classifications in use
- ✓ Oxivir Plus is ideal for body spillage- (Woolsafe approved for carpets & and soft furnishings)
- ✓ Does not leave residue on surfaces





## Key Application Areas

- ❑ Ideal for all front of house areas in Hospitality, BSC, Retail & Education
- ❑ Gives added peace of mind when used to disinfect high frequently touch points and high risk surfaces
- ❑ Use Oxivir Plus for high frequency areas- Bar areas (cash machines), washroom high touch surfaces for additional efficacy



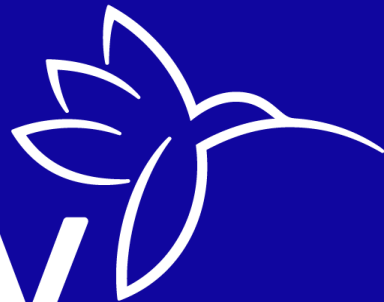
# EN Test Data

			Oxivir Plus				
			Concentrate (SD or J Flex) (SD = 4% in use)		5L concentrate	5L concentrate	Spray
<b>EN test</b>	<b>Organims</b>		3.5%	4.0%	2%	4%	RTU
<b>EN 1276: 2010 FIDI</b>	E.coli, S. aureus, P. aeruginosa, E. hirae	Clean Dirty	30 sec	30 sec	5 mins	30 sec	30 sec
<b>EN 13727:2015 MED</b>	S. aureus, P. aeruginosa, E. hirae	Clean Dirty	5 min	5 min	15 min	5 min	5 min
<b>EN 13697: 2015 FIDI</b>	E.coli, S. aureus, P. aeruginosa, E. hirae	Clean Dirty	5 min	5 mins	5 min	5 min	5 mins
<b>EN 16615: 2015 MED</b>	S. aureus, P. aeruginosa, E. hirae	Clean Dirty	5 min	5 min		5 min	5 min
<b>EN 14476: 2013 MED</b>	Adenovirus /Poliovirus	Clean Dirty	5 min	5 mins	2 min	5 min	2 min 5 min
	Murine Norovirus	Clean Dirty	2 min 60 min	2 min 60 min		2 min 60 min	2 min 30 min
<b>EN 14476: 2013 MED</b>	Fully Virucidal	Clean Dirty	2 min 60 min	2 min 60 min		2 min 60 min	2 min 30 min
<b>EN 1650, EN 13624, EN 13697, EN 16615</b>	C. albicans	Clean Dirty	15 min	5 min	5 min	5 min	15 min
<b>EN 1650, EN 13624, EN 13697, EN 16615</b>	Aspergillus Niger	Clean Dirty	15 mins	15 mins	15 mins	15 mins	15 min
<b>EN13704: 2013 MED</b>	Clostridium difficile	Clean Dirty					
<b>EN14348: 2005 MED</b>	Mycobacterium avium	Clean Dirty					
	Mycobacterium terrae	Clean Dirty	10 min	10 min		10 min	15 min
			<p>At 3.5 % a 5 min contact time is recommended as a 1 stage cleaner and disinfectant effective against Bacteria. Use as a terminal disinfectant for viruses.</p> <p>Key benefit - Woolsafe effective against Norovirus on clean surfaces ideal for Hospitality customers and Carehomes</p>				





Diversey



Let's live.