

# ALCOHOL FREE

## HAND, SURFACE + EQUIPMENT SANITISER



[WWW.DEFENDPLUS.CO.UK](http://WWW.DEFENDPLUS.CO.UK) | BASED IN SOMERSET

**PRODUCT TYPE** Ready to Use Hygienic Handrub and Surface Disinfectant

**INTENDED AREA OF APPLICATION** Food, industrial, domestic & institutional areas.

<b>PROPERTIES</b>	<ul style="list-style-type: none"><li>• Non-viscous, water-based liquid</li><li>• Alcohol-Free</li><li>• Mild, chlorine like odour</li><li>• Physiologically neutral formulation</li></ul>
<b>BIOCIDAL ACTIVES</b>	<ul style="list-style-type: none"><li>• Active chlorine from hypochlorous acid</li></ul>
<b>BS EN 14476:2013 + A2:2019</b> Quantitative suspension test for the evaluation of virucidal activity in the medical area BluTest Laboratories Limited Report Dated: 29/06/2020	<ul style="list-style-type: none"><li>• Clean conditions with 5 minutes contact time</li><li>• Tested as neat</li><li>• Tested against <b>Vaccinia Virus</b></li><li>• The product achieved the <b>log 4 reduction</b> in microbial loading within the contact time required to pass the standard</li><li>• Equates to killing <b>99.99%</b> of the viru.</li><li>• Demonstrates the product is effective against all enveloped viruses as defined in EN 14476:2013 + A2:2019 Annex A. This therefore includes all <b>Coronaviruses &amp; SARS-CoV-2</b></li><li>• The report also identified a log reduction after 0 minutes</li></ul>
<b>BS EN 1276</b> Quantitative suspension test for the evaluation of bactericidal activity in the food, industrial, domestic & institutional areas Abbott Analytical Report Dated: 13/09/2013	<ul style="list-style-type: none"><li>• Clean conditions with 5 minutes contact time</li><li>• Tested as neat</li><li>• Bacteria tested against were: <b>Pseudomonas aeruginosa (P. aeruginosa), Staphylococcus aureus (S. aureus), Escherichia coli (E. coli), Enterococcus hirae (C. hirae)</b></li><li>• The product achieved the <b>log 5 reduction</b> in microbial loading within the contact time required to pass the standard</li><li>• Equates to killing <b>99.999 %</b> of bacteria</li><li>• Demonstrates the product is effective against both <b>gram-positive &amp; gram-negative bacteria</b></li></ul>
<b>BS EN 1500 FOR HYGIENIC HANDRUB</b> Abbott Analytical Report Dated: 23/12/2011	<ul style="list-style-type: none"><li>• 1 minute (2 x 30 seconds) contact time</li><li>• 10ml (2 x 5ml) test volume</li><li>• The product was found not to be inferior to the reference product so passed the requirements of EN 1500 for hygienic handrubs'</li></ul>

[WWW.DEFENDPLUS.CO.UK](http://WWW.DEFENDPLUS.CO.UK) | 0845 6788 166 | [INFO@DEFENDPLUS.CO.UK](mailto:INFO@DEFENDPLUS.CO.UK)

DEFEND + | GASS HOUSE | GASS CLOSE | ISLEPORT BUSINESS PARK | HIGHBRIDGE | SOMERSET | TA9 4JT

# ALCOHOL FREE

## HAND, SURFACE + EQUIPMENT SANITISER



WWW.DEFENDPLUS.CO.UK | BASED IN SOMERSET

### BS EN 1650

Quantitative suspension test for the evaluation of fungicidal activity in the food, industrial, domestic & institutional areas

Abbott Analytical

Report Dated: 13/09/2013

- Clean conditions with 15 minutes contact time
- Tested as neat
- Fungi tested against were: **Aspergillus niger (A. niger)**, **Candida albicans (C. albicans)**
- The product achieved the **log 4 reduction** in microbial loading within the contact time required to pass the standard
- Equates to killing **99.99%** of the fungi
- Demonstrates fungicidal effectiveness against the test species

### SPORICIDAL ACTIVITY (In line with EN 13704)

University Hospital Birmingham

Report Dated: July 2010

- Clean conditions with 1 minute contact time
- Tested as neat
- Tested against **Clostridium difficile (C. difficile)**
- The product achieved a **log 5 reduction** in microbial loading within the contact time
- Equates to killing **99.999 %** of the spores
- The EN 13704 standard for demonstrating the sporicidal activity of a product requires a minimum log 3 reduction of microbial loading within 60 minutes, therefore the results achieved within this test exceeds that requirement
- The testing protocol was developed in line with other tests for handrubs' in medical areas as there is not a current standard available.

### VIRUCIDAL ACTIVITY (In line with requirements for EPA for virucidal activity)

ATS Labs

Report Dated: 05/12/2013

- 1 % fetal bovine serum with 30 second contact time
- Tested as neat
- Tested against **Feline Calicivirus (Surrogate for Norovirus)**
- The product demonstrated **complete inactivation** of the feline calicivirus within the contact time
- The product achieved a **log 6 reduction** in the virus within the 30 second contact time
- Equates to killing **99.9999%** of the feline calicivirus
- Meets the requirements for U.S. EPA virucidal claims

### VIRUCIDAL ACTIVITY

ATS Labs

Report Dated: 11/11/2013

- 1 % fetal bovine serum with 30 second contact time
- Tested as neat
- Tested against **Murine Norovirus**
- The product achieved a **log 4.5 reduction** in the virus within the 30 second contact time.
- Equates to killing **99.997%** of the Murine Norovirus.

WWW.DEFENDPLUS.CO.UK | 0845 6788 166 | INFO@DEFENDPLUS.CO.UK

DEFEND + | GASS HOUSE | GASS CLOSE | ISLEPORT BUSINESS PARK | HIGHBRIDGE | SOMERSET | TA9 4JT