



# Spray & Wipe Ultra

## Full Virucidal Disinfectant Cleaner

Greyland's Spray & Wipe Ultra is an aldehyde-free, high performance disinfectant with broad spectrum activity against bacteria, yeast and viruses. It is an essential product for the fight against cross infection. Ideal for use in around hospitals, long term care facilities, animal handling, schools, sports facilities, hotels and many other areas or during infection outbreaks.

**For Coronavirus, leave the product in contact with the surface for 1 minute before wiping off.**

Certifications include:

EN 1276, EN 13697, EN 14476, EN 13727, -

5 mins (including MRSA, E.Coli, Norovirus, Influenza & Coronavirus)

EN 1650 - 10 mins EN 13610, EN 14561 - 15 mins

EN 1657, EN 16438, EN 14675 - 30 mins

### Directions

Spray & Wipe Ultra is a simple to use Spray on, Wipe Off product.

Clean and remove all visible dirt and gross contamination from surface. Apply the solution to the surface/equipment and allow required contact time. Surface must remain wet for the entire contact time. Wipe with a clean cloth and rinse thoroughly with clean water. Allow to air dry.

Check compatibility with surfaces by first testing on an inconspicuous area. Refer to SDS for detailed safety information regarding the storage and use of this product. Protective eyewear and gloves should be worn whilst using this product.



Technical Data:

Appearance: light yellow liquid

Odour: Characteristic

pH: 11-13

Code: 7662/21

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# Spray & Wipe Ultra

## Full Virucidal Disinfectant Cleaner

### Test Data

#### Food, Industrial and Institutional Areas

##### Activity Claim: Bactericidal

###### EN 1276

Bactericidal result (log 5), in presence of high organic load (BSA)

Test strains: *E. coli* ATCC 10536, *S. aureus* ATCC 6538, *E. hirae* ATCC

10541, *P. aeruginosa* ATCC 15442

Result 3.0 g/l BSA 5 min.

Result 10.0 g/l Skimmed milk 5 min.

Result 10.0 g/l Sucrose 5 min.

Result 10.0 g/l Yeast extract 5 min.

Certificate: Eurofins, 31 May 2016

###### EN 1276 (MRSA)

Bactericidal result (log 5), in presence of high organic load (BSA)

Test strain: *S. aureus* MRSA ATCC 33592

Result 3.0 g/l BSA 5 min.

Certificate: L + S AG, June 2010

###### EN 1276

Bactericidal result (log 5), in presence of high organic load (BSA)

Test strains: *L. monocytogenes* ATCC 15313, *S. typhimurium* ATCC 13311

Result 3.0 g/l BSA 5 min.

Certificate: Dr. Brill + Partner GmbH, 24 February 2017

###### EN 13697

Bactericidal result (log 4), in presence of high organic load (BSA)

Test strains: *E. coli* ATCC 10536, *S. aureus* ATCC 6538, *E. hirae* ATCC

10541, *P. aeruginosa* ATCC 15442

Result 3.0 g/l BSA 5 min.

Certificate: Eurofins-Biolab Spa, 30 July 2007

###### EN 13697

Bactericidal result (log 4), in presence of high organic load (BSA)

Test strain: *L. monocytogenes* ATCC 15313

Result 3.0 g/l BSA 5 min.

Test strain: *S. typhimurium*

Result 3.0 g/l BSA 5 min.

Certificate: Dr. Brill + Partner GmbH, 24 February 2017

##### Activity Claim: Bactericidal

###### EN 1276

Bactericidal result (log 5), in presence of low organic load (BSA)

Test strains: *S. aureus* ATCC 6538, *E. coli* ATCC 10536, *E. hirae* ATCC

10541, *P. aeruginosa* ATCC 15442

Result 0.3 g/l BSA 10 min

Certificate: Dr. Brill + Partner GmbH, 14 March 2018

###### EN 1276 (modified)

Bactericidal result (log 4), in presence of low organic load (BSA)

Test strain: *L. interrogans* (Weil's disease)

Result 0.3 g/l BSA 5 min.

Certificate: Blue Scientific Test Data, August 2009

###### EN 13697

Bactericidal result (log 4), in presence of low organic load (BSA)

Test strains: *S. aureus* ATCC 6538, *E. coli* ATCC 10536, *E. hirae* ATCC

10541, *P. aeruginosa* ATCC 15442

Result 0.3 g/l BSA 15 min.

Result 0.3 g/l BSA + 8.5 g/l skimmed milk for *P. aeruginosa* 10 min.

Certificate: Dr. Brill + Partner GmbH, 14 March 2018

##### Activity Claim: Yeasticidal

###### EN 1650

Yeasticidal result (log 4), in presence of high organic load (BSA)

Test strain: *C. albicans* ATCC 10231

Result 3.0 g/l BSA 15 min.

Certificate: Eurofins, 31 May 2016

###### EN 13697

Yeasticidal result (log 3), in presence of high organic load (BSA)

Test strain: *C. albicans* ATCC 10231

Result 3.0 g/l BSA 15 min.

Certificates: Eurofins, 31 May 2016

###### EN 16615

Yeasticidal results (log 4), in presence of high medical organic load (BSA +

Erythrocytes)

Test strains: *C. albicans* ATCC 10231

Result 3.0g/l BSA + 3.0g/l Erythrocytes 1 min.

Certificate: Dr. Brill + Partner GmbH, 28 July 2017

##### Activity Claim: Yeasticidal

###### EN 1650

Yeasticidal result (log 4), in presence of low organic load (BSA)

Test strain: *C. albicans* ATCC 10231

Result 0.3 g/l BSA 10 min

Certificate: Dr. Brill + Partner GmbH, 14 March 2018

###### EN 13697

Yeasticidal result (log 3), in presence of low organic load (BSA)

Test strain: *C. albicans* ATCC 10231

Result 0.3 g/l BSA 10 min

Certificate: Dr. Brill + Partner GmbH, 14 March 2018

##### Activity Claim: Virucidal

###### EN 13610

Virucidal activity against bacteriophages in presence organic load (1 %

skimmed milk)

Results: *Lactococcus lactis* subsp. *lactis* phage P001 15 min.

*Lactococcus lactis* subsp. *lactis* phage P008 15 min.

Certificate: Dr. Brill + Partner GmbH, 25 February 2014

###### EN 14476

Virucidal result (log 4), in presence of low organic load (BSA) and high

medical organic load (BSA + Erythrocytes)

Test strain: *Murine Norovirus strain S99 Berlin*

Result 0.3 g/l BSA 5 min.

Result 3.0 g/l Erythrocytes 15 min.

Certificate: Dr. J. Steinmann, Mikrolab, 1 April 2014

###### EN 14476

Virucidal result (log 4), in presence of low organic load (BSA) and high

medical organic load (BSA + Erythrocytes)

Test strain: *Adenovirus Type 5 strain Adenoid 75*

Result 0.3 g/l BSA 15 min.

Result 3.0 g/l BSA + 3.0g/l Erythrocytes 15 min.

Certificate: Dr. J. Steinmann, MikroLab, 27 July 2010

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### Test Data

#### Activity Claim: Virucidal

##### EN 14476:2013+A1:2015

Virucidal result (log 4), in presence of high medical organic load (BSA + Erythrocytes)

Test strain: *Modified Vaccinia Virus Ankara (MVA)*

Result 3.0 g/l BSA + 3.0g/l Erythrocytes 5 min.

Certificate: Dr. Brill + Partner GmbH, Bremen, 7 February 2017

##### EN 14476

Virucidal result (log 4), in presence of high medical organic load (BSA + Erythrocytes)

Test strain: *Influenza A (H1N1) Virus*

Result 3.0 g/l BSA + 3.0g/l Erythrocytes 5 min.

Certificate: Dr. Brill + Partner GmbH, Bremen, 8 February 2017

##### EN 14476:2013+A1:2015

Yeasticidal result (log 4), in presence of high organic load (BSA)

Test strain: *C. albicans ATCC 10231*

Result 3.0 g/l BSA 15 min.

Certificate: Eurofins, 31 May 2016

#### Veterinary Areas

#### Activity Claim: Bactericidal

##### EN 1656

Bactericidal result (log 5), in presence of high veterinary organic load (Yeast Extract + BSA) at 10°C

Test strains: *P. aeruginosa ATCC 15442*, *S. aureus ATCC 6538*, *E. hirae ATCC 10541* and *P. vulgaris ATCC 13315*

Result 10.0 g/l Yeast extract + 10.0g/l BSA 30 min.

Certificate: Eurofins, 31 May 2016

#### Activity Claim: Yeasticidal

##### EN 1657

Yeasticidal result (log 4), in presence of high veterinary organic load (Yeast Extract + BSA) at 10°C

Test strain: *C. albicans ATCC 10231*

Result 10.0 g/l Yeast extract + 10.0g/l BSA 30 min.

Certificate: Eurofins, 31 May 2016

#### Activity Claim: Yeasticidal

##### EN 16438

Yeasticidal result (log 3), in presence of high veterinary organic load (Yeast Extract + BSA) at 10°C

Test strain: *C. albicans ATCC 10231*

Result 10.0 g/l Yeast extract + 10.0g/l BSA 30 min.

Certificate: Dr Brill + Dr Steinmann, 5 October 2016; Eurofins, 31 May 2016

#### Activity Claim: Virucidal

##### EN 14675

Virucidal result (log 4), in presence of high-level soiling (Yeast Extract + BSA) at 10°C

Test strain: *Modified Vaccinia Virus Ankara (MVA)*

Result 10.0 g/l Yeast extract + 10.0g/l BSA 30 min.

Certificate: Dr. Brill + Partner GmbH, Bremen, 25 January 2017

#### Medical Areas

#### Activity Claim: Bactericidal

##### EN 13727

Bactericidal result (log 5), in presence of high medical organic load (BSA + Erythrocytes)

Test strains: *S. aureus ATCC 6538*, *E. hirae ATCC 10541*, *P. aeruginosa ATCC 15442*

Result 3.0 g/l BSA + 3.0g/l Erythrocytes 5 min.

Certificate: Eurofins, 17 June 2011

##### EN 13697

Bactericidal result (log 4), in presence of high medical organic load (BSA + Erythrocytes)

Test strains: *S. aureus ATCC 6538*, *E. hirae ATCC 10541*, *P. aeruginosa ATCC 15442*

Result 3.0 g/l BSA + 3.0g/l Erythrocytes 60 min.

Certificate: Eurofins, 6 June 2016

##### EN 14561

Bactericidal result (log 5), in presence of low organic load (BSA)

Test strains: *S. aureus ATCC 6538*, *E. hirae ATCC 10541*, *P. aeruginosa ATCC 15442*

Result 0.3 g/l BSA 15 min.

Certificate: Eurofins, 23 September 2011

#### Activity Claim: Yeasticidal

##### EN 13624

Yeasticidal result (log 4), in presence of high medical organic load (BSA + Erythrocytes)

Test strain: *C. albicans ATCC 10231*

Result 3.0 g/l BSA + 3.0g/l Erythrocytes 5 min.

Certificate: Eurofins, 31 May 2016

##### EN 13697

Yeasticidal result (log 3), in presence of high medical organic load (BSA + Erythrocytes)

Test strain: *C. albicans ATCC 10231*

Result 3.0 g/l BSA + 3.0g/l Erythrocytes 5 min.

Certificate: Eurofins, 6 June 2016

##### EN 14562

Yeasticidal result (log 4), in presence of low organic load (BSA)

Test strain: *C. albicans ATCC 10231*

Result 0.3 g/l BSA 15 min.

Certificate: Eurofins, 23 September 2011

##### EN 16615

Yeasticidal results (log 4), in presence of high medical organic load (BSA + Erythrocytes)

Test strains: *C. albicans ATCC 10231*

Result 3.0g/l BSA + 3.0g/l Erythrocytes 1 min.

Certificate: Dr. Brill + Partner GmbH, 28 July 2017

#### Activity Claim: Full Virucidal

##### EN 14476

Virucidal result (log 4), in presence of low organic load (BSA)

Test strain: *Poliovirus Type 1 strain LSc-2ab*

Result 0.3 g/l BSA 30 min.

Certificates: Dr. J. Steinmann, MikroLab, 27 July 2010

##### EN 14476

Virucidal result (log 4), in presence of low organic load (BSA) and high medical organic load (BSA + Erythrocytes)

Test strain: *Adenovirus Type 5 strain Adenoid 75*

Result 0.3 g/l BSA 15 min.

Result 3.0 g/l BSA + 3.0g/l Erythrocytes 15 min.

Certificate: Dr. J. Steinmann, MikroLab, 27 July 2010

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### Test Data

#### Activity Claim: Full Virucidal

##### EN 14476

Virucidal result (log 4), in presence of low organic load (BSA) and high medical organic load (BSA + Erythrocytes)

Test strain: *Murine Norovirus strain S99 Berlin*

Result 0.3 g/l BSA 5 min.

Result 3.0 g/l BSA + 3.0g/l Erythrocytes 15 min.

Certificate: Dr. J. Steinmann, MikroLab, 1 April 2014

#### Activity Claim: Virucidal Against Enveloped Viruses

##### EN 14476:2013+A1:2015

Virucidal result (log 4), in presence of high medical organic load (BSA + Erythrocytes)

Test strain: *Modified Vaccinia Virus Ankara (MVA)*

Result 3.0 g/l BSA + 3.0g/l Erythrocytes 5 min.

Certificate: Dr. J. Steinmann, Dr. Brill + Partner GmbH, 7 February 2017

#### Activity Claim: Virucidal Against Enveloped Viruses

##### EN 14476

Virucidal result (log 4), in presence of high medical organic load (BSA + Erythrocytes)

Test strain: *Influenza A (H7N9) Virus*

Result 3.0 g/l BSA + 3.0g/l Erythrocytes 5 min.

Certificate: Microbac Laboratory, (USA), 13 September 2013

##### EN 14476:2013+A1:2015

Virucidal result (log 4), in presence of high medical organic load (BSA + Erythrocytes)

Test strain: *Influenza A (H1N1) Virus*

Result 3.0 g/l BSA + 3.0g/l Erythrocytes 5 min.

Certificate: Dr. J. Steinmann, Dr. Brill + Partner GmbH, 8 February 2017

#### Activity Claim: Virucidal Against Enveloped Viruses

##### EN 14476

Virucidal result (log 4), in presence of low organic load (BSA)

Test strain: *Bovine Corona Virus (BCoV)* (as a surrogate for other members of the *Coronavirus* family including *MERS-CoV*)

Result 0.3 g/l BSA 1 min.

Certificate: Dr. J. Steinmann, MikroLab, 25 May 2014

### Material Compatibility

Suitable for hard washable surfaces. As surfaces vary in quality the product suitability should be checked by testing first on a small inconspicuous area. Aluminium, linoleum, acrylic glass or surfaces coated with polymers could be affected depending on the use concentration. Plasticized PVC could be discoloured. Usage of disinfectant followed by common rinse procedures is advised.

#### Compatibility Testing - Test conditions: submersion of material samples at 20°C for up to 30 days.

Samples of typical materials used for medical devices which were

tested for material compatibility:

- Anodized aluminium
- Aluminium coated with powder technology
- Nickel plated mild steel
- Polished martensitic steel
- Stainless steel coated with gold
- Polyethylene
- Polymethylmethacrylate
- Composite material from tungsten carbide and nickel
- Polyvinylchloride flooring
- Flexible polyvinylchloride tube
- Two types of butyl rubber
- Optical glasses made from polycarbonate
- Optical glasses made from silicate

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