



CLEAN BETTER, CLEAN QUICKER

Anti Viral Spray & Wipe Disinfectant Cleaner

USE.

NWCE Anti Viral Spray & Wipe Disinfectant Cleaner 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 Hospitals, Care Facilities, Animal Handling, Schools, Sports Facilities, Hotels or during infection outbreaks. **For Coronavirus leave the product in contact with the surface for 1 minute before wiping off.**

DIRECTION.

A simple ready to use spray on, wipe off product. Clean and remove all visible dirt and contamination from surfaces. 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. Protective eyewear & gloves should be worn whilst using this product.

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.

pH LEVEL.

11 - 13

TECHNICAL.

State: Liquid
Colour: Light Yellow
Odour: Characteristic
Code: 7662/21

CERTIFICATIONS INCLUDE.

| Claim | EN Test | Contact time |
|-------------|--------------------------------------|--------------|
| Bacterial | EN 1276 (inc. MRSA) | 30 seconds |
| | EN 13697 (inc. E.coli) | 5 min |
| Yeasticidal | EN 16615 | 1 min |
| Virucidal | EN 14476 (inc. Norovirus, Influenza) | 5 min |
| | EN 14476 (inc. Coronavirus) | 1 min |
| | EN 16777 (inc. Feline Coronavirus) | 1 min |



WARNING.

Harmful to aquatic life with long lasting effects. Avoid release into the environment. **IF IN EYES:** Rinse eyes with water as a precaution. **IF ON SKIN:** Wash with plenty of water. If irritations persists, seek medical advice. Contains (amongst other ingredients): Didecylmethylammonium Chloride (DDAC) 0.276g/100g.

Use biocides safely and sustainably. It is illegal to use this product for uses or in a manner other than that is prescribed on this label. Dispose of contents and container in accordance with local regulations.

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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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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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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
- Polymethacrylmethacrylate
- 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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