

# SEPTOGARD AP PLUS

PMC N° 20351

**Descrizione:**

Detergente disinfettante con ampio spettro di efficacia contro batteri, virus e spore.

**Benefici**

- Detergente disinfettante privo di aldeidi.
- Ampio spettro su batteri, lieviti, funghi, virus capsulati / non capsulati e su spore di *C. difficile*.
- Pulisce e disinfetta in presenza di sporco, sangue e proteine.
- Conforme con DVG e VAH (Germania).

**Informazioni tecniche per l'utente**

Septogard AP PLUS è un detergente disinfettante ad alte prestazioni privo di aldeidi con eccezionali prestazioni microbicide e attività ad ampio spettro contro batteri, lieviti, funghi, virus e spore. La sua efficacia contro le spore di *C. difficile* e diversi tipi di virus corrisponde perfettamente all'uso di questa formulazione in ospedali, strutture di assistenza a lungo termine e istituzioni. Può essere utilizzato anche in ristoranti, impianti di produzione alimentare e scuole.

**Principio attivo**

*Didecildimetilammonio cloruro* (DDAC, CAS No 7173-51-5) circa 6,9%

**Altri ingredienti**

Acqua, agente chelante, tensioattivi, coformulanti circa 93,1%

**Caratteristiche chimico fisiche:**

<b>Aspetto Fisico</b>	Liquido limpido
<b>Colore</b>	Giallo chiaro
<b>Densità a 20 °C</b>	ca. 1,05 g/ml
<b>pH (sol.1% in H<sub>2</sub>O)</b>	ca. 12,9
<b>Formazione di schiuma</b>	Controllata
<b>Shelf life</b>	3 anni

**Modalità d'impiego**

Rimuovere i depositi grossolani di sporco dalla superficie. Quindi inumidire accuratamente la superficie con la diluizione appropriata (da 20ml a 40ml) del concentrato per litro d'acqua a seconda dell'applicazione. La soluzione d'uso può essere applicata con una varietà di metodi, tra cui lo spruzzo, la salvietta, la scopa o l'ammollo. Risciacquare o lasciare asciugare all'aria. Il risciacquo dei pavimenti non è necessario a meno che non debbano essere cerati o lucidati. Le superfici a contatto con alimenti debbono essere sempre risciacquate.

Preparare una soluzione fresca ogni giorno o più spesso se la soluzione diventa visibilmente sporca o diluita.

**Compatibilità con i materiali**

Adatto per superfici lavabili. Poiché le superfici variano in termini di qualità, l'idoneità del prodotto dovrebbe essere verificata testando prima su una piccola area poco appariscente. Alluminio, linoleum, vetro acrilico o superfici



rivestite con polimeri potrebbero essere influenzate a seconda della concentrazione di utilizzo. Il PVC plastificato potrebbe essere scolorito. Si consiglia l'uso del disinfettante seguito da procedure di risciacquo comuni.

**Informazioni sull'immagazzinamento:**

Evitare l'uso improprio del prodotto. Conservare negli imballi originali chiusi o, dove applicabile, negli appositi locali o serbatoi di stoccaggio lontano a temperature comprese tra 5 a 35°C.

Per informazioni relative alla manipolazione e allo smaltimento delle soluzioni consultare la scheda di sicurezza. I.R.C.A. SERVICE S.p.A. non è responsabile in alcun caso per l'utilizzo improprio del prodotto.

**Efficacia antimicrobica**

Tests per area Food, Industriale ed Istituzionale.  
Testati secondo le Norme Europee (EN).

**Claim: Battericida****EN 1276**

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

Test strains: E. coli ATCC 10536, S. aureus ATCC 6538, E. hirae ATCC 10541, P. aeruginosa ATCC 15442.

Result 1.5 % 3.0 g/l BSA 5 min.

Result 1.5 % 10.0 g/l Skimmed milk 5 min.

Result 1.0 % 10.0 g/l Sucrose 5 min.

Result 1.5 % 10.0 g/l Yeast extract 5 min.

Certificate: Eurofins, 31 May 2016.

**EN 1276**

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

Test strains: E. coli ATCC 10536, S. aureus ATCC 6538, E. hirae ATCC 10541, P. aeruginosa ATCC 15442.

Result 0.5 % 0.3 g/l BSA 10 min.

Result 0.25 % 0.3 g/l BSA 20 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 1.0 % 3.0 g/l BSA 5 min.

Certificate: Blue Scientific Test Data, August 2009.

**EN 1276 (MRSA)**

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

Test strain: S. aureus MRSA ATCC 33592.

Result 1.0 % 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 0.5 % 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 2.5 % 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 1.5 % 3.0 g/l BSA 5 min.

Test strain: *S. typhimurium*

Result 3.0 % 3.0 g/l BSA 5 min.

*Certificate: Dr. Brill GmbH, 24 February 2017.*

**EN 16615**

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

Test strains: *E. coli* ATCC 10536, *S. aureus* ATCC 6538, *E. hirae* ATCC 10541, *P. aeruginosa* ATCC 15442.

Result 6.0 % 3.0 g/l BSA + 3.0 g/l Erythrocytes 5 min.

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

**EN 13697**

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

Test strains: *E. coli* ATCC 10536, *S. aureus* ATCC 6538, *E. hirae* ATCC 10541, *P. aeruginosa* ATCC 15442.

Result 0.5 % 0.3 g/l BSA 15 min.

Result 0.5 % 0.3 g/l BSA + 8.5 g/l skimmed milk for *P. aeruginosa* 10 min.

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

**Claim: Levuricida****EN 1650**

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

Test strain: *C. albicans* ATCC 10231.

Result 0.5 % 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 2.0 % 3.0 g/l BSA 15 min.

*Certificates: Eurofins, 31 May 2016.*



**EN 16615**

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

Test strains: *C. albicans* ATCC 10231.

Result 4.0 % 3.0 g/l BSA + 3.0 g/l Erythrocytes 1 min.

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

**EN 1650**

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

Test strains: *C. albicans* ATCC 10231.

Result 0.25 % 3.0 g/l BSA 10 min.

Certificate: Dr. Brill + Partner GmbH, 14 March 2017.

**EN 13697**

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

Test strains: *C. albicans* ATCC 10231.

Result 0.25 % 0.3 g/l BSA 10 min.

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

**Claim: virucida su batteriofagi****EN 13610**

Virucidal activity against bacteriophages in presence organic load (1 % skimmed milk).

Result

Lactococcus lactis subsp. lactis phage P001 3.0 % 15 min.

Lactococcus lactis subsp. lactis phage P008 3.0 % 15 min.

Certificate: Dr. Brill GmbH, 25 February 2014.

**Claim: virucida****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 2.0 % 3.0 g/l BSA 5 min.

Result 2.0 % 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 (Albumin) and high medical organic load (Albumin + Erythrocytes).

Test strain: Adenovirus Type 5 strain Adenoid 75.

Result 2.0 % 0.3 g/l BSA 15 min.

Result 2.0 % 3.0 g/l BSA + 3.0 g/l Erythrocytes 60 min.

Result 4.0 % 3.0 g/l BSA + 3.0 g/l Erythrocytes 15 min.

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



**Claim: virucida contro i virus con envelope****EN 14476:2013+A1:2015**

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

Test strain: Modified Vaccinia Virus Ankara (MVA).

Result 1.0 % 3.0 g/l BSA + 3.0 g/l Erythrocytes 5 min.

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

**EN 14476**

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

Test strain: Influenza A (H7N9) Virus.

Result 0.5 % 3.0 g/l BSA + 3.0 g/l Erythrocytes 5 min.

Certificate: Microbac Laboratory, Sterling VA20164 (USA), 13 September 2013.

**EN 14476:2013+A1:2015**

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

Test strain: Influenza A (H1N1) Virus.

Result 0.5 % 3.0 g/l BSA + 3.0 g/l Erythrocytes 5 min.

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

**Area Veterinaria****Claim: Battericida****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 4.0 % 10.0 % g/l Yeast Extract + 10.0 g/l BSA 30 min.

Certificate: Eurofins, 31 May 2016

**EN 14349 (non-porous surfaces)**

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 6.0 % 10.0 % g/l Yeast Extract + 10.0 g/l BSA 30 min.

Certificate: Eurofins, 31 May 2016

**Claim: Levuricida****EN 1657**

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

Test strains: C. albicans ATCC 10231

Result 2.0 % 10.0 % g/l Yeast Extract + 10.0 g/l BSA 30 min.

Certificate: Eurofins, 31 May 2016



**EN 16438**

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

Test strains: *C. albicans* ATCC 10231

Result 2.0 % 10.0 % g/l Yeast Extract + 10.0 g/l BSA 30 min.

Result 1.0 % 10.0 % g/l Yeast Extract + 10.0 g/l BSA 60 min.

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

**Claim: Virucida**

**EN 14675**

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

Test strains: Modified Vaccinia Virus Ankara (MVA)

Result 3.0 % 10.0 % g/l Yeast Extract + 10.0 g/l BSA 30 min.

*Certificate: Brill + Partner GmbH, Bremen, 25 January 2017*

**Area Medica**

**Claim: battericida**

**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 2.0 % 3.0 % g/l BSA + 3.0 g/l Erythrocytes 5 min.

Result 1.0 % 3.0 % g/l BSA + 3.0 g/l Erythrocytes 60 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 7.0 % 3.0 % g/l BSA + 3.0 g/l Erythrocytes 5 min.

Result 1.0 % 3.0 % g/l BSA + 3.0 g/l Erythrocytes 60 min.

*Certificate: Eurofins, 6 June 2016*

**EN 14561**

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

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

Result 2.5 % 0.3 % g/l BSA 15 min.

*Certificate: Eurofins, 23 September 2011*

**EN 16615**

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

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

Result 6.0 % 3.0 % g/l BSA + 3.0 g/l Erythrocytes 5 min.

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



**Claim: Levuricida****EN 13624**

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

Test strains: *C. albicans* ATCC 10231

Result 1.0 % 3.0 % g/l BSA + 3.0 g/l Erythrocytes 5 min.

Result 0.25 % 3.0 % g/l BSA + 3.0 g/l Erythrocytes 60 min.

*Certificate: Eurofins, 31 May 2016*

**EN 13697**

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

Test strains: *C. albicans* ATCC 10231

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

Result 1.0 % 3.0 % g/l BSA + 3.0 g/l Erythrocytes 60 min.

*Certificate: Eurofins, 6 June 2016*

**EN 14562**

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

Test strains: *C. albicans* ATCC 10231

Result 3.0 % 0.3 % g/l BSA 15 min.

*Certificate: Eurofins, 23 September 2011*

**EN 16615**

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

Test strains: *C. albicans* ATCC 10231

Result 4.0 % 3.0 % g/l BSA + 3.0 g/l Erythrocytes 1 min.

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

**Claim: Virucida completo****EN 14476**

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

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

Result 4.0 % 0.3 g/l BSA 30 min.

Result 5.0 % 3.0 g/l BSA + 3.0 g/l Erythrocytes 60 min.

*Certificate: Dr. J. Steinmann, Mikrolab, 27 July 2010; Eurofins, 23 June 2017.*

**EN 14476**

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

Test strain: Adenovirus Type 5 Strain Adenoid 75

Result 2.0 % 0.3 g/l BSA 15 min.

Result 2.0 % 3.0 g/l BSA + 3.0 g/l Erythrocytes 60 min.

Result 4.0 % 3.0 g/l BSA + 3.0 g/l Erythrocytes 15 min.

*Certificate: Dr. J. Steinmann, Mikrolab, 27 July 2010.*





**EN 14476**

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

Test strain: Murine Norovirus strain S99 Berlin.

Result 2.0 % 0.3 g/l BSA 5 min.

Result 2.0 % 3.0 g/l BSA + 3.0 g/l Erythrocytes 15 min.

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

**prEN 16777**

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

Test strain: Adenovirus Type 5 strain Adenoid 75

Result 5.0 % 3.0 g/l BSA + 3.0 g/l Erythrocytes 60 min.

Certificate: Eurofins, 23 June 2017

**Claim: virucida contro i virus con envelope****EN 14476:2013+A1:2015**

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

Test strains: Modified Vaccinia Virus Ankara (MVA)

Result 1.0 % 3.0 % g/l BSA + 3.0 g/l Erythrocytes 5 min.

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

**EN 14476**

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

Test strain: Influenza A (H7N9) Virus.

Result 0.5 % 3.0 g/l BSA + 3.0 g/l Erythrocytes 5 min.

Certificate: Microbac Laboratory, Sterling VA20164 (USA), 13 September 2013.

**EN 14476:2013+A1:2015**

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

Test strains: Influenza A (H1N1) Virus

Result 0.5 % 3.0 % g/l BSA + 3.0 g/l Erythrocytes 5 min.

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

**EN 14476**

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

Test strains: Duck Hepatitis B (as a surrogate for Hepatitis B, HBV)

Result 5.0 % 3.0 % g/l BSA + 3.0 g/l Erythrocytes 5 min.

Certificate: Blu Test Laboratories Ltd., 27 July 2016

**EN 14476**

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

Test strains: Bovine Corona Virus (BCoV) (as a surrogate for other members of the Coronavirus family including MERS-CoV and SARS-CoV-2)

Result 1.0 % 0.3 % g/l BSA 1 min.

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





Dopo la valutazione con Poliovirus, Adenovirus e MNV (Murine Norovirus) il disinfettante per superfici SEPTOGARD AP PLUS può essere dichiarato avente proprietà "virucide" secondo EN 14476. Inoltre, SEPTOGARD AP PLUS ha superato prEN 16777, che è un test di superficie virale. prEN 16777, è stato introdotto nel 2016 e si basa su una metodologia simile alla EN 13697.

**Prestazioni Virucide**

*Tested According to BGA (now RKI) and DW*

**Poliovirus**

With soil load            5,0 %            15 min.  
                                  4,0 %            60 min.

*Certificate: Dr. J. Steinmann, Bremen 15 February 2002*

**ECBO Virus**

With soil load            5,0 %            30 min.  
                                  3,0 %            60 min.

*Certificate: Dr. J. Steinmann, Bremen 21 August 2002*

**Adenovirus**

With soil load            4,0 %            30 min.

*Certificate: Dr. J. Steinmann, Bremen 24 May 2005*

**Norovirus**

Test strain: Feline calici virus (FCV)

With soil load            4,0 %            30 min.

*Certificate: Dr. J. Steinmann, Bremen 25 May 2005*

**Rota Virus**

With soil load            3,0 %            15 min.

*Certificate: Dr. J. Steinmann, Bremen 8 June 2005*

**Vaccinia Virus**

With soil load            2,0 %            5 min.

*Certificate: Dr. J. Steinmann, Bremen 8 July 2005*

**Polyoma Virus SV 40 (formerly Papova Virus)**

With soil load            2,0 %            30 min.

*Certificate: Dr. J. Steinmann, Bremen 9 March 2006*



## Test secondo VAH

**Disinfezione di superfici con azione meccanica (Requisiti e metodi per la certificazione VAH, VIII 1 a, concentrato da diluire, 2015)**

Test strains: P. aeruginosa, S. aureus, E. hirae and C. albicans

Result	6.0 %	Dirty conditions	5 min.
	2.0 %	Dirty conditions	15 min.
	1.0 %	Dirty conditions	30 min.
	1.0 %	Dirty conditions	60 min.

*Certificates:*

*Dr. Brill + Partner, Hamburg, 9<sup>th</sup> January 2017; 25 June 2019.*

*Prof. Dr. Werner, HygCen, Schwerin, 12<sup>th</sup> December 2017; 11 June 2019*

## Confezioni disponibili:

Codice	Collo	N. Conf. Strati	N. Strati Pallet	N. Conf. Pallet
69144004	Tanica 10 Litri	20	3	60
69144003	Tanica 25 Litri	13	2	26

**I.R.C.A. SERVICE S.p.A.**

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