

## **1. General information**

PRF DESIwipes disinfection wipes are alcohol free ready-to use disinfectant agents for objects, inventory and surfaces in medical and hygienically critical high touch-point areas. It works fast, has very good cleaning power and yet protects sensitive surfaces such as acrylic glass, plastics, polycarbonate glass and much more. PRF DESIwipes has a purifying action and dissolves grease so it is also great for cleaning solariums.

PRF DESIwipes are ready-to-use, distributes evenly, leaves no visible residue and has a no odor. Because it is suitable for use on most surfaces, it has a wide range of applications. With a broad practical microbiological effectiveness in exposure times.

The disinfection solution and the wipes must not be used with invasive medical equipment. Such as surgical instruments, hearing aids, earmolds.

Suitable also for gyms, fitness centres, SPA, offices, industry and all other places which require daily and quick disinfection.

PRF DESIwipes are effective against bacteria, viruses (HBV/HIV, Corona) and fungi (Candida Albicans). Contact time: 1-5 minutes

The disinfection solution and the wipes have a neutral fragrance. The disinfection liquid is free of aldehydes, formaldehyde and phenols.

## **2. Application**

For surface disinfection in all medical and industrial business applications such as medical practices, public health centres, schools, daycares and sanitary and medical service areas in industrial sites. For surface disinfection of walls and equipment in operating rooms, beds, mattresses, bed frames, blankets, pillows and much more.

For ambulances and medical transfer vehicles, emergency vehicles, aircraft cabins, conveyor belts, transport baskets and equipment. Also suitable for examination hardware and transport stretchers, trays, lab benches and medical equipment. For clothing such as gowns, surgeon's shoes, stockings, rubber aprons, etc. Also perfectly suitable for soaking fleece rolls.

Recommended directions for use: First clean the surface thoroughly with a PRF disinfectant wipe, allow the fluid to act for 1 minute before removing any residue with a clean dry wipe. Before application, please refer to the label and manufacturer's instructions. PRF disinfection system is also suitable for application on alcohol-unstable materials such as acrylic glass!

Liquid: Put liquid onto a disposable towel and wet the surfaces completely. The areas should not be wiped dry during the reaction time.

### 3. Contact times

Informations concerning the liquid in PRF DESIwipes.

<b>Microorganisms:</b>	<b>Contact time:</b>
Staphylococcus aureus	1 minute
Escherichia coli	1 minute
Pseudomonas aeruginosa	1 minute
Enterococcus hirae	1 minute
Candida albicans	1 minute
Rota Virus	1 minute
HBV	1 minute
HIV	1 minute
Vaccinia Virus	1 minute
BVDV	1 minute
H1N1 (swine)	5 minutes

#### Antimicrobial Performance

Food, Industrial and Institutional Areas Tested According to European Norms (EN)

##### Activity Claim: Bactericidal

EN 1276

Bactericidal result (log 5), in presence of different organic loads (Albumin) Test strains: E. coli ATCC 10536, S. aureus ATCC 6538, E. hirae ATCC 10541, P. aeruginosa ATCC 15442 Certificates: Eurofins, 21 June 2011; Eurofins, 6 October 2016

EN 1276

Bactericidal result (log 5), in presence of low organic load (Albumin) Test strain: Listeria monocytogenes ATCC 15313 and Salmonella typhimurium ATCC 13311 Certificate: Dr. Brill & Partner GmbH, 14 February 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 Certificate: Eurofins, 30 September 2011

EN 13697

Bactericidal result (log 4), in presence of low organic load (Albumin) Test strain: Listeria monocytogenes ATCC 15313 Certificate: Dr. Brill + Partner GmbH, 14 February 2017

EN 13697

Bactericidal result (log 4), in presence of low organic load (Albumin) Test strain: Salmonella typhimurium ATCC 13311 Certificate: Dr. Brill + Partner GmbH, 14 February 2017

##### Activity Claim: Yeasticidal

EN 1650

Yeasticidal result (log 4), in presence of low organic load (Albumin) Test strain: C. albicans ATCC 10231 Certificate: Eurofins, 17 June 2011

EN 13697

Yeasticidal result (log 3), in presence of low organic load (Albumin) Test strain: *C. albicans* ATCC 10231  
Certificate: Eurofins, 30 September 2011

**Activity Claim: Bactericidal**

EN 13727

Bactericidal result (log 5), in presence of low organic load (Albumin) Test strains: *S. aureus* ATCC6538, *E. hirae* ATCC 10541, *P. aeruginosa* ATCC 15442 Certificate: Eurofins, 17 June 2011

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 Certificate: Eurofins, 30 September 2011

EN 14561

Bactericidal result (log 5), in presence of low organic load (Albumin) Test strains: *S. aureus* ATCC 6538, *E. hirae* ATCC 10541, *P. aeruginosa* ATCC 15442 Certificate: Eurofins, 28 July 2011

**Activity Claim: Yeasticidal**

EN 13624

Yeasticidal result (log 4), in presence of low organic load (Albumin) Test strain: *C. albicans* ATCC 10231  
Certificate: Eurofins, 17 June 2011

EN 13697

Yeasticidal result (log 3), in presence of low organic load (Albumin) Test strain: *C. albicans* ATCC 10231  
Certificate: Eurofins, 30 September 2011

EN 14562

Yeasticidal result (log 4), in presence of low organic load (Albumin) Test strain: *C. albicans* ATCC 10231  
Certificate: Eurofins, 28 July 2011

**Activity Claim: Limited virucidal**

EN 14476

Virucidal result (log 4), in presence of low organic load (Albumin) Test strain: Modified Vaccinia Ankara  
Certificate: Dr. Brill + Dr. Steinmann, 30 September 2015

EN 14476

Virucidal result (log 4), in presence of low organic load (Albumin) Test strain: Murine Norovirus strain S99  
Berlin Certificate: Dr. J. Steinmann, MikroLab Bremen, 8 December 2008

EN 14476

Virucidal result (log 4), in presence of low organic load (Albumin) Influenza A Virus H1N1 (swine) Certificate:  
Dr. Brill + Partner GmbH, 11 April 2017

**Antimicrobial Performance**

Tested According to BGA (now RKI) / DVV Virucidal Performance Hepatitis-B Virus (and HIV) Certificates: Prof.  
Dr. G. Frösner, München, 16 August 1987, 20 May 1996

Rota Virus

Certificate: Dr. J. Steinmann, Bremen, 24 November 1994

Vaccinia Virus

Certificate: Dr. J. Steinmann, Bremen, 25 August 2005

BVDV

Certificate: Dr. J. Steinmann, Bremen, 10 September 2005

After evaluation with Vaccinia virus and Bovine Viral Diarrhea virus (BVDV, surrogate of Hepatitis C virus) the surface disinfectant PRF DESIwipes can be declared as having "limited virucidal" properties according to a recommendation of an expert committee of RKI (Bundesgesundheitsbl 2004, 47: 62-66) and is thus able to inactivate all enveloped viruses including Corona virus.

Therefore, after successful experiments with the two above mentioned enveloped viruses the surface disinfectant PRF DESIwipes is also effective against the so-called blood-borne viruses including HBV, HCV and HIV as well as against members of other virus families such as Orthomyxoviridae (incl. all human and animal influenza viruses like H5N1 and H1N1), Filoviridae including Ebola virus and Paramyxoviridae including Measles virus.

#### 4. Material test:

Röhm/Degussa, Test report Compatibility on Plexiglas® (acrylic glass)

#### 5. User instruction



Instructions: Open the lid of the tub, and cut open the bag, leaving the tissues inside the pouch. Pull the tissue from the middle through the distribution hole, then close the lid. For easy single tissue use, pull at an angle before tearing, then close the lid after use.

First clean the surface thoroughly with a PRF DESIwipes disinfectant wipe, allow the fluid to act for 1 minute before removing any residue with a clean dry wipe. Before application, please refer to the label and manufacturer's instructions.

Rub down skin contacted articles with an absorbent cloth, after the disinfection.

#### 6. Available packaging and sizes

Art. No. PWIDE100N

PRF DESIwipes: Dispensing tub with 100 wet wipes, soaked with disinfection solution, wipes are sub-packed in pouch. Wipe size: 13 x 15 cm. Box: 12 pcs.

One wipe is efficient for 25 x 25 cm.

#### 7. Warnings

Dispose of this material and its container to hazardous or special waste collection point. Use biocides safely. Before application, please refer to the label and manufacturer's instructions. Keep out of the reach of children. Please place used tissues in the waste disposal. Do not use after expiry date. May cause long-lasting harmful effects to aquatic life. Avoid release to the environment.

#### 8. Ingredients

Active agents:

100 g disinfection liquid contains:

0,25g Alkylbenzyltrimethylammoniumchlorid

0,25g Alkylethylbenzyltrimethylammoniumchlorid

0,25g Didecyltrimethylammoniumchlorid

### **9. Advantages of Wipes vs. Liquids**

- More convenient as only one product instead of two products
- Product is ready to use, endusers can make less mistakes with taking the right amount of liquid
- Added value. The customer doesn't need to buy two products and stock two products