

# Bossklein®

Complete **hygiene** solutions



DENTAL / MEDICAL  
TECHNICAL PRODUCT GUIDE





# Bossklein®

## Quality Matters

Bossklein is a specialist brand of concentrated disinfectants, ready to use sprays, wet wipes plus other cleaning solutions. All products are designed specifically for use within the highly regulated dental and medical sectors worldwide.

The Bossklein brand is a dedicated multilingual range, manufactured wholly in the United Kingdom by us - Topdental (Products) Ltd. This gives ultimate control over the supply chain for total peace of mind and stress-free production that you can rely on.

All Bossklein products are designed with the end user in mind, rigorously tested to the highest EN standards to ensure full efficacy against a range of micro-organisms, including various bacteria, yeast, fungi and viruses.

The recent COVID-19 pandemic has highlighted the need for effective infection control and a well-prepared hygiene plan, to eliminate the risks associated in everyday tasks.

Visit [bossklein.com](http://bossklein.com) or the Bossklein social media channels today to find out more.

Topdental is part of DirectaDentalGroup. A group of prestigious international companies with brands specifically focused on providing solutions to the dental sector.

DirectaDentalGroup who's headquarters are in Sweden, offices and manufacturing in several countries, is a highly pro-active, innovative player on the international dental market with business partnerships across the world. Directadentalgroup consists of more than 200 employees representing its various brands.

DirectaDentalGroup's business concept is in the development and manufacture of dental consumables, materials and electronics with the aim to simplify daily clinical life for dental practitioners, nurses and their patients alike.

DirectaDentalGroup  
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TrollDental Sendoline physics CONTACTEZ ceramir



## Here to help

The global healthcare infection control sector can be complicated by local/national rules and different interpretations of international standards. Our in-house export and regulatory experts can ensure a smooth transition from your initial enquiry to delivery.

## High Standards

As a designer and manufacturer of medical devices, it is imperative that products meet the of highest standards.

The quality management system at Topdental has been assessed and is certified to ISO 13485:2016, also Directive 93/42/EEC, Annexes II and V. The transition for certification to the Medical Device Regulation (EU) 2017/745 is currently underway.

Bossklein Infection Control products are tested to the latest European Standards (EN Standards) with ISO 17025 accredited laboratories.

These internationally recognised standards ensure customers and users all around the globe can have ultimate confidence in the infection control products Bossklein place on the market.

The microbiological efficacy of products is an area which requires continuous advancements to keep up to date with the latest Medical Device and Biocide requirements.

Please do not hesitate to contact us if you have any questions about our products.

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## Complete **hygiene** solutions

## Hygiene and Disinfection

Dental staff and patients are continually exposed to a wide range of pathogenic micro-organisms – including bacteria, viruses and yeast/fungi. It is therefore vitally important to ensure a complete infection control range is utilised to minimise this ever-present threat within the dental surgery.

It is equally as crucial that the products are efficacious against a broad spectrum of pathogens, tested to the latest microbiological standards and are effective in a quick but practical contact time for a given application. The Bossklein infection control range excels in each of these areas to provide the user and patient with complete peace of mind.



### Bacteria

It is essential that Bacteria is removed, due to their ability to rapidly reproduce through cell division. For example, under favourable conditions E.Coli can divide every 20 minutes – which means one bacterium can generate 1,048,576 bacteria in just 6 hours.

The Bossklein infection control products are effective against a wide range of bacteria in a matter of minutes. This includes gram positive, gram negative and antibiotic resistant bacteria such as Staphylococcus aureus, E.Coli, MRSA and VRE\*.

### Viruses

Bossklein infection control products are effective against viruses transmitted by blood (Hepatitis B, Hepatitis C and HIV) also viruses transmitted by direct or indirect contact such as Coronavirus or Influenza virus\*.

Viruses spread easily in high traffic areas, clinical areas and where the likelihood of contact with blood is high.

Unlike bacteria – viruses rely upon living cells to replicate their viral material surviving for long periods of time. For example Hepatitis C can exist on surfaces for several weeks.

### Yeast/Fungi

Fungal infections can be caused by a yeast called Candida.

The most common species is Candida albicans that once out of control or enters into the body may infect.

All Bossklein infection control products have been proven to be yeasticidal and tested for effectiveness specifically against Candida albicans.

This should give both patients and staff complete confidence in all round infection control by Bossklein.

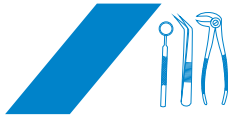
\* See individual product for details





## The 4 areas of hygiene and disinfection

Hygiene and disinfection in the dental sector can be categorised into four distinct areas; Instrument Care, Surface Care, Special Areas and Skin and Hand Care. Products within these areas are colour coded to help ensure ease of use with staff and the correct application is used in the correct environment.



### Instrument Care

The demands of the modern dental surgery insist instruments are decontaminated, disinfected quickly and efficiently, anything less than this can result in lost hours repeating processes and can increase the risk of cross infection.

Our Instrument Care products get to work quickly with their short contact times and take advantage of low dilution/ concentration levels to ensure time spent processing is minimal.

Bossklein tests products against a variety of different materials to ensure maximum compatibility which is important of any instrument care product.

See pages 6-9



### Surface Care

Dental, like other clinical environments including medical, must adhere to strict requirements in order to keep staff and patients safe. One of the biggest risks is from cross-contamination between patients and staff coming into contact with the same surface.

In any clinical the disinfection of surfaces is vital to stopping the spread of disease and infection. This can be achieved with both alcohol free and alcohol based products, usually in the form of a wipe or spray.

All Bossklein Surface Care products have been developed with both the end user and specific intended usage environment in mind, this means our products are trusted by clinical staff worldwide.

See pages 10-15



### Special Areas

Thorough and complete cleaning and disinfection of special area items is absolutely necessary. These include aspirator/suction equipment and dental impressions. Bossklein Special Area products have been specifically developed to be used for these purposes.

All inner surfaces of suction equipment are recommended for daily disinfection and cleaning with a product with no or low foaming properties to ensure no damage is caused to expensive machinery.

Impression disinfection is also considered an important aspect of the infection control process. Impressions must be disinfected to avoid possible transmission of disease to and from the lab technician.

See pages 16-17



### Skin & Hand Care

Hands have been proven to be the number one transmitter of pathogens in everyday life. It is considered crucial that hands are disinfected regularly. By using Bossklein Skin and Hand Care disinfectant product you reduce the rate of infections by a significant amount.

Close contact between patients, dentists and nurses, cross-contamination is extremely high, to help combat this is regular and comprehensive hand disinfection.

The molecular properties of the Bossklein B70gel Hand Disinfectant and the inclusion of aloe vera allows for the preservation of the epidermis of the skin, whilst protecting against a wide range of organisms.

See pages 18-19

# Instrument Care



Disinfecting the instruments is the penultimate stage in the process before final sterilisation.

## Cleaning

According to HTM 01-05 guidelines – effective cleaning is essential before progressing onto the disinfection stage.

Blood and organic soil can inhibit the instrument disinfectant antimicrobial efficacy. This is due to the fact that disinfectants have reduced efficacy in soiled conditions. Secondly, blood and organic soil occupy the instrument surface area, preventing the disinfectant covering and attacking pathogens on the instrument.

The Bossklein ULTRAbio Ultrasonic Cleaner, when used in an ultrasonic bath, is ideal for helping to ensure protein has been removed from instruments by utilising protein digesting enzymes.

## Lubrication

Efficient lubrication of handpieces not only ensures proper functionality and performance of a vital piece of dental equipment, regular maintenance can eliminate expensive repairs.

It is vital that the lubricant reaches and coats the correct internal bearings of the handpiece so a pressurised aerosol solution is recommended.

Bossklein UNiOil Universal Handpiece Oil has been specifically designed for modern dental handpieces. With the additional universal nozzle attachment, can be used with any type of dental handpiece.

## Disinfection

An instrument disinfectant should be powerful enough to kill pathogens in 60 minutes or less according to EN14885. The effectiveness of the disinfecting process can also be enhanced by an ultrasonic cleaner.

Additionally, excellent material compatibility is a crucial feature to prevent damage to instruments.

Alongside a comprehensive effective spectrum which includes Coronavirus and TB, Bossklein IDactiv Instrument Disinfectant has completed extensive material compatibility testing according to EN21530 to preserve instrument quality.

# IDactiv

**EN14476**  
VIRUS TESTED

## Instrument Disinfectant

For the disinfection and cleaning of instruments and tools prior to terminal sterilisation using the method of immersion. For use inside an instrument or ultrasonic bath.

- Short soaking time, from only 15 mins
- Concentrated solution (2%)
- EN 21530 tested for material compatibility
- Improved safety and reduced hazards
- Mild fresh aroma

[Click Here](#) View full product specification

[Click to view Safety Data Sheet](#)

BOS9842 - IDactiv 1 Litre x 6 per box  
 BOS9843 - IDactiv 2.5 Litre x 4 per box  
 BOS9840 - IDactiv 5 Litre x 2 per box



MICROORGANISM	TIME	CONC
<b>Bactericidal</b>	<b>15 min</b>	<b>2%</b>
<i>BS EN 13727:2012 + A2:2015</i>		
<i>BS EN 14561:2006</i>		
Pseudomonas aeruginosa, Staphylococcus aureus, Enterococcus hirae, E. coli, Salmonella typhimurium, MRSA, Legionella pneumophila	15 min	2%
<b>Yeasticidal</b>	<b>15 min</b>	<b>2%</b>
<i>BS EN 14562:2006</i>		
<i>BS EN 13624:2013</i>		
Candida Albicans	15 min	2%
<b>Enveloped Viruses</b>	<b>15 min</b>	<b>2%</b>
<i>BS EN 14476 2013 + A2 2019 (E)</i>		
Vaccinia virus, Hepatitis B (HBV), Hepatitis C (HCV), HIV, Human T Cell Leukemia virus, Measles virus, Hepatitis Delta virus (HDV), Influenza virus, Coronavirus, Herpesviridae, Filoviridae (Ebola), Rubella virus, Rabies virus, Flavivirus, Poxviridae	15 min	2%
<b>Non-Enveloped Viruses</b>		
<i>BS EN 14476 2013 + A1 2015</i>		
Adenovirus 5, Norovirus	30 min	4%
<b>Mycobactericidal</b>	<b>60 min</b>	<b>4%</b>
<i>BS EN 14348 : 2005</i>		
<i>BS EN 14563 : 2008</i>		
Mycobacterium avium	60 min	4%
<b>Tuberculocidal</b>	<b>60 min</b>	<b>4%</b>
<i>BS EN 14348 : 2005</i>		
<i>BS EN 14563 : 2008</i>		
Mycobacterium terrae	60 min	4%

**2%** DILUTION 20ml/1L\*

**CONTACT 15 MIN\***

**2in1** CLEANS & DISINFECTS

**ULTRASONIC FRIENDLY**

# IDactiv QUANTUM

**EN14476**  
VIRUS TESTED

## Instrument Disinfectant Powder

Disinfectant for use in the reprocessing of all reusable surgical, medical and dental instruments prior to sterilisation. For use in the instrument soaking bath.

- Soaking time of only 30 mins
- Concentrated powder (2%)
- Visual effectivity indicator
- Sporocidal disinfectant

[Click Here](#) View full product specification

[Click to view Safety Data Sheet](#)

BKINS700 - IDactiv Quantum 700g x 6 per box



After mixing, the solution changes colour to show when it is active and ready to use (red)



MICROORGANISM	TIME	CONC %
<b>Bactericidal</b>	<b>30 min</b>	<b>2%</b>
<i>BS EN 13727:2012 + A1:2013</i>		
<i>BS EN 13697:2015</i>		
Pseudomonas aeruginosa, Staphylococcus aureus, Enterococcus hirae, E. coli, MRSA	30 min	2%
<b>Yeasticidal</b>	<b>30 min</b>	<b>2%</b>
<i>BS EN 13624:2013</i>		
<i>BS EN 13697:2015</i>		
Candida Albicans	30 min	2%
<b>Enveloped Viruses</b>	<b>30 min</b>	<b>2%</b>
<i>BS EN 14476 2013 + A1 2015</i>		
Hepatitis B (HBV), Hepatitis C (HCV), HIV, Human T Cell Leukemia virus, Measles virus, Hepatitis Delta virus (HDV), Influenza virus, Coronavirus, Herpesviridae, Filoviridae (Ebola), Rubella virus, Rabies virus, Flavivirus, Poxviridae	30 min	2%
<b>Non-Enveloped Viruses</b>		
<i>BS EN 14476 2013 + A1 2015</i>		
Adenovirus 5, Norovirus	30 min	2%
<b>Sporicidal</b>	<b>30 min</b>	
<i>BS EN 13704:2002</i>		
Bacillus subtilis	30 min	2%

**2%** DILUTION 20g/1L\*

**CONTACT 30 MIN**

**POWDER BASED**

**DOSING SCOOP**

\* See Bossklein.com for full details

# ULTRA<sup>bio</sup>

## Ultrasonic Cleaner

For the pre-cleaning and decontamination of hand instruments and forceps, rotary instruments and mirrors. Designed for use inside the ultrasonic bath.

- Enzymatic concentrated solution
- Works in only 15 minutes
- Highly effective cleaner
- Non toxic and non corrosive



View full product specification



Click to view Safety Data Sheet

BOS9788 - ULTRAbio 1 Litre x 6 per box  
BOS9770 - ULTRAbio 2.5 Litre x 4 per box  
BOS9794 - ULTRAbio 5 Litre x 2 per box



BREAKS DOWN PROTEINS

3%

DILUTION 30ml/1L



CONTACT 15 MIN



ULTRASONIC FRIENDLY



# UNI<sup>oil</sup>

## Universal Handpiece Oil

All purpose handpiece lubricant spray for maintenance of all dental handpieces including high speed, slow speed and air motors.

- Effective aerosol based lubricant
- Removes debris from handpieces
- High penetrative ability
- Peppermint aroma



View full product specification



Click to view Safety Data Sheet

BOS9777 - UNIoil 500ml x 12 per box  
GHB025 - Universal nozzle



Universal nozzle ensures UNIoil fits any dental handpiece



# Introducing



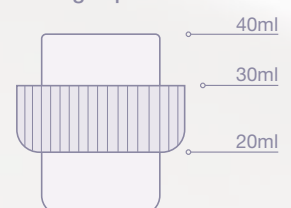
## Bossklein®

### NEW Exclusive 2.5L dosing bottle

New to the Bossklein infection control range in the industry standard size of 2.5L with integrated measuring cap. Perfect for ready to use or concentrated disinfectants/cleaning solutions that require quick and accurate dosing.

- 2.5 litre capacity
- Classic white colour
- For concentrated or ready to use solutions
- Dosing cap for 20ml, 30ml and 40ml
- White HDPE fully recyclable bottle

Dosing cap



# Surface Care

Disinfection is essential for ensuring that surfaces do not transfer infectious pathogens to patients and staff

## Comprehensive cleaning and disinfection

Disinfecting surfaces within the dental surgery is probably the most common and frequently performed infection control task. Due to patient traffic and the constant contact with contaminated objects, all equipment, surfaces, chairs, fixtures and fittings need to be disinfected between each treatment session.

The advantages of the Bossklein range of surface disinfectant wipes and sprays are the thorough cleaning action and the compatibility with a wide range of surfaces.

All Bossklein surface disinfectant wipes and sprays are virucidal against all enveloped Viruses including Coronavirus.

## Alcohol resistant surfaces

Alcohol resistant surfaces are exploited in many areas within the dental surgery, for instance operating lamp handles. These surfaces remain unaffected by high alcohol content – which allows a powerful antimicrobial action.

Unlike many other alcohol based surface disinfectants – the Bossklein alcohol based V-WIPE and SDactiv Surface Disinfectants have undergone complete microbial testing to ensure efficacy against all enveloped Viruses including Coronavirus.

The short contact times and quick drying, streak free finish are major advantages when rapid disinfection is required eg in-between patients.

## Alcohol sensitive surfaces

Alcohol sensitive surfaces are prevalent in the dental surgery, for instance - X-ray equipment, hand controls and dental chairs. Dental chairs are a key area where patients share contact, and therefore an ideal surface area for the transmission of pathogenic micro-organisms.

Dental chairs are typically made of artificial leather, therefore require a more sensitive cleaning and disinfecting treatment compared to other surfaces.

The Bossklein alcohol free V-WIPE ZERO and alcohol free SDactiv ZERO Surface Disinfectant Spray are virucidal against all enveloped viruses, including Coronavirus, and are ideal for use on all surfaces, including those sensitive to alcohol.



## Why choose wipes?

Disinfection using wipes should always be preferred to spray delivered liquid disinfectants for one main reason; its safer - for both patients and staff.

Sprayed disinfectants become airborne and therefore there is an increased risk of inhalation. Wiping has the added benefit of the physical action of mechanically wiping a surface which can help to loosen debris and ensure the disinfectant makes full contact with the surface.

Bossklein V-WIPE and V-WIPE ZERO have been specially designed for use on non-invasive medical device surfaces within the dental surgery, these include but are not limited to; dental chairs, worktops, plastic equipment cases, assistant's stools, etc.

## Economic Refill Packs

Refill packs of V-WIPE and V-WIPE ZERO are available, in both the CLASSIC and ULTRA wipe substrates (see below for more details).

These high quality, fully printed pouches are constructed from a strong triple laminate structure.

Each pouch is designed to be used inside a reusable dispenser tub. Acting as a more eco-friendly alternative by reducing the amount of plastic consumed compared to only using each tub once.



## Dispenser Tubs

Bossklein V-WIPE and V-WIPE ZERO wipes are available in user friendly, refillable dispenser tubs.

Tubs are constructed from a strong HDPE plastic which ensures maximum protection for their contents. Each tub is fully recyclable and is provided with a secure cap/lid which includes an airtight seal keeping the wipes fresh for their next use.

Tubs are designed to be easily refilled using the refill packs which helps to reduce the amount of plastic consumed and their associated carbon footprint.



**Refilling and reusing V-WIPE dispenser tubs can reduce the amount of plastic consumed and lower our carbon footprint**

## Wipe Substrates

	<p><b>CLASSIC</b> 200 LARGE WIPES 200 x 200mm</p> <p>ECONOMY 18gsm</p>
	<p><b>ULTRA</b> 160 PREMIUM WIPES 175 x 155mm</p> <p>PREMIUM 40gsm</p>
	<p><b>UNIVERSAL-XL</b> 200 EXTRA LARGE WIPES 267 x 210mm</p> <p>STRONG 34gsm</p>
	<p><b>ECO-XL</b> 100 PLASTIC FREE WIPES 240 x 200mm</p> <p>BIODEGRADABLE 40gsm</p>

Bossklein V-WIPES are available in four wipe substrates, CLASSIC, ULTRA, UNIVERSAL-XL (ZERO only) and ECO-XL (ZERO only).

All wipes have excellent wet strength which helps to transfer as much of the disinfectant solution to the surface as possible. Conforming to the European standard of EN16615 for the mechanical action of wipes on non-porous surfaces in a medical area.

CLASSIC is an everyday, all purpose wipe. Constructed from a thinner 18gsm PP material, these wipes are suitable to use on all surfaces around the clinical environment.

ULTRA is a premium, luxury feel wipe. A thicker 40gsm PP patterned material ensures ultimate strength and grip across all surfaces.

UNIVERSAL-XL is available in the new V-WIPE ZERO flowpack only. These are the largest wipes available in the Bossklein range, the 34gsm PP material is stronger than most wipes and designed to be used across multiple surfaces in and around the surgery.

ECO-XL is the first biodegradable, plastic free wipe substrate to be available in the Bossklein range. The large 40gsm wipe is made from a 100% natural, plant based viscose material. Available in flow style packs only, these wipes can be used throughout the surgery.

# V-WIPE

**EN14476**  
VIRUS TESTED

## Surface Disinfectant Wipe

CONTAINS ALCOHOL

Ideal to use on alcohol resistant, non-porous surfaces within the dental surgery where short contact times are important, eg in-between patients.

- Fresh lemon aroma
- Contact time of only 60 seconds
- Dual registered - Biocide and Medical device
- Contains 63% Ethanol

[Click Here](#) View full product specification

[Click to view Safety Data Sheet](#)

BOS9783 - V-WIPE Classic Tub x 12 per box  
BOS9784 - V-WIPE Classic Refill x 12 per box

BOS1000 - V-WIPE Ultra Tub x 6 per box  
BOS1001 - V-WIPE Ultra Refill x 12 per box



MICROORGANISM	TIME
<b>Bactericidal</b>	<b>60 sec</b>
BS EN 13727:2012 + A2:2015	
BS EN 13697:2015+A1:2019	
BS EN 16615:2015	
Pseudomonas aeruginosa, Staphylococcus aureus, Enterococcus hirae, E. coli, Salmonella typhimurium, MRSA, VRE	60 sec
<b>Yeasticidal</b>	<b>60 sec</b>
BS EN 13624:2013	
Candida albicans	60 sec
<b>Enveloped viruses</b>	<b>60 sec</b>
BS EN 14476:2013 + A1 2015	
Hepatitis B virus (HBV), Hepatitis C virus (HCV), HIV, Human T Cell Leukemia virus, Measles virus, Hepatitis Delta virus (HDV), Influenza virus, Coronavirus, Herpesviridae, Filoviridae (Ebola), Rubella virus, Rabies virus, Flavivirus, Poxviridae	60 sec
<b>Non enveloped viruses</b>	<b>60 sec</b>
BS EN 14476:2013 + A1 2015	
Adenovirus 5, Murine norovirus	60 sec
<b>Mycobactericidal</b>	<b>60 sec</b>
BS EN 14348:2005	
Mycobacterium avium	60 sec
<b>Tuberculocidal</b>	<b>60 sec</b>
BS EN 14348:2005	
Mycobacterium terrae	60 sec

2 WIPE TYPES

Alcohol has a powerful microbial action, the perfect solution for controlling infections on resistant surfaces in clinical environments.



# SDactiv

**EN14476**  
VIRUS TESTED

## Surface Disinfectant

CONTAINS ALCOHOL

Ideal to use on alcohol resistant, non-porous surfaces within the dental surgery where short contact times are important, eg in-between patients.

- Fresh lemon aroma
- Contact time of only 60 seconds
- Dual registered - Biocide and Medical device
- Contains 63% Ethanol

[Click Here](#) View full product specification

[Click to view Safety Data Sheet](#)

BOS9782 - SDactiv 500ml x 12 per box  
BOS9801 - SDactiv 1 Litre x 12 per box  
BOS9779 - SDactiv 5 Litre x 2 per box





# V-WIPE ZERO

**EN14476**  
VIRUS TESTED

## Surface Disinfectant Wipe

ALCOHOL FREE

Suitable for use on all non-porous surfaces and equipment that are sensitive to alcohol, including the dental chair\*

- Subtle apple aroma
- Contact time of only 60 seconds
- Dual registered - Biocide and Medical device
- 2 in 1 - cleans and disinfects
- New flowpack available



View full product specification



Click to view Safety Data Sheet

BOS2000 - V-WIPE ZERO Classic Tub x 12 per box  
BOS2001 - V-WIPE ZERO Classic Refill x 12 per box

BOS3000 - V-WIPE ZERO Ultra Tub x 6 per box  
BOS3001 - V-WIPE ZERO Ultra Refill x 12 per box

MICROORGANISM	TIME
<b>Bactericidal</b>	<b>60 sec</b>
BS EN 13727:2012 + A2:2015	
BS EN 16615:2015**	
BS EN 13697:2015 + A1:2019***	
Pseudomonas aeruginosa, Staphylococcus aureus, Enterococcus hirae	60 sec
<b>Yeasticidal</b>	<b>60 sec</b>
BS EN 13624:2013	
Candida albicans	60 sec
<b>Enveloped viruses</b>	<b>60 sec</b>
BS EN 14476:2013 + A2:2019	
Vaccinia virus, Hepatitis B virus (HBV), Hepatitis C virus (HCV), HIV, Measles virus, Hepatitis Delta virus (HDV), Influenza virus, Coronavirus, Herpesviridae, Filoviridae (Ebola), Rubella virus, Rabies virus	60 sec

\*\* EN16615 applies to wipes only with 60 sec contact  
\*\*\* EN13697 applies to spray only with 5 min contact



**NEW**



BOS4001 - V-WIPE ZERO Universal-XL flowpack x 6 per box



APPLE AROMA

**2 in 1**

CLEANS & DISINFECTS



WIPES & SPRAYS



CONTACT 60 SEC\*\*

Sensitive non-porous surfaces are prevalent in the dental surgery, including those of dental chairs. The ZERO alcohol free formula is the ideal partner to tackle these\*

# SDactiv ZERO

**EN14476**  
VIRUS TESTED

## Surface Disinfectant

ALCOHOL FREE

Suitable for use on all non-porous surfaces and equipment that are sensitive to alcohol, including the dental chair\*

- Subtle apple aroma
- Dual registered - Biocide & Medical device
- 2 in 1 - cleans and disinfects
- Modern, safe formulation



View full product specification



Click to view Safety Data Sheet

BOS2006 - SDactiv ZERO 500ml x 12 per box  
BOS2005 - SDactiv ZERO 1 Litre x 12 per box  
BOS2007 - SDactiv ZERO 2.5 Litre x 4 per box  
BOS2004 - SDactiv ZERO 5 Litre x 2 per box



**NEW**

\* Always test an inconspicuous area first  
\*\* Wipes only

# V-WIPE ZERO

## Surface Disinfectant Wipe

BIODEGRADABLE†

### ECO-XL

PLASTIC FREE WIPES  
240 x 200mm

**EN14476**  
VIRUS TESTED

Developed for use in clinical environments, on non-invasive medical devices and general high traffic non-porous surfaces.

The brand new, exclusive wipe substrate material is constructed from plant based viscose fibres which are 100% renewable and sustainably sourced. Wipes are biodegradable† and totally plastic free. Packs contain 100 wipes.

The construction and large size of the 40gsm wipe material is extra durable and ideal for clinical disinfection.

- Plastic free wipe
- Plant based fibres
- Renewable resources
- Reduced carbon footprint
- Alcohol free



View full product specification



Click to view Safety Data Sheet

BOS8001 - V-WIPE ZERO ECO-XL Flowpack x 9 per box

MICROORGANISM	TIME
<b>Bactericidal</b>	<b>2 min</b>
BS EN 13727:2012 + A2 2015	
BS EN 16615:2015	
Pseudomonas aeruginosa, Staphylococcus aureus, Enterococcus hirae	2 min
<b>Yeasticidal</b>	<b>60 sec</b>
BS EN 16615:2015	
BS EN 13624:2013	
Candida albicans	60 sec
<b>Enveloped viruses</b>	<b>60 sec</b>
BS EN 14476:2013 + A2:2019	
Vaccinia virus, Hepatitis B virus (HBV), Hepatitis C virus (HCV), HIV, Measles virus, Hepatitis Delta virus (HDV), Influenza virus, Coronavirus, Herpesviridae, Filoviridae (Ebola), Rubella virus, Rabies virus	60 sec



# DRYwipes

## Highly Absorbent Dry Wipe

LINT FREE

Perfect to use in conjunction with surface disinfectant sprays such as Bossklein SDactiv and SDactiv ZERO, see pages 12 and 13.

- Packs contain 50 wipes
- Each wipe measures 300x270mm
- Wipes are highly absorbent
- Wipes remain strong when wet

DRY0002 - DRYwipe pack x 10 per box



† Wipes are made from biodegradable plant fibres

Disinfection is essential for ensuring that surfaces do not transfer infectious pathogens to patients and staff.



Alcohol based products like V-WIPE Classic and Ultra are ideal to use on all alcohol resistant surfaces around the surgery. Their quick drying and streak free formula is a powerful weapon in the fight against infection within clinical environments.



Alcohol free products like V-WIPE ZERO Classic, Ultra and the Universal-XL flowpack have the advantage of being compatible with almost all non-porous surfaces, including those sensitive materials like the ones used on dental chairs\*

\* Always test an inconspicuous area first



# Special Areas



In order to reduce the risk of infection for patients it is important that cleaning and disinfection take place regularly

## Complete disinfection

Aspirator/Suction systems become contaminated with organic matter and debris during the course of treatment, this can easily build up over time if efficient care and decontamination does not take place. In order to reduce the risk of infection for patients it is important that cleaning and disinfection take place regularly. It is recommended that they are cleaned/disinfected on a daily basis.

Dental impressions are easily contaminated with pathogenic organisms due to their very nature - they come in contact directly with the inside of patients mouths. Decontamination and disinfection is vital to avoid cross-contamination during application, transport, processing and protect the surface quality of the impression itself.

## Suction systems

The cleanliness and disinfection of the suction system should take place frequently - at least once a day, usually after surgery ends. The choice of disinfecting product should be limited to chemicals which are compatible with the system. For instance, chlorine based disinfectants will cause corrosion of the system.

Bossklein DAILYasp aspirator/suction system cleaner and disinfectant is non-corrosive and non-hazardous when diluted to the economical 2% dosage also possesses excellent material compatibility. Has a low foam intensive cleaning and disinfecting action - with a broad efficacy spectrum to preserve continual system functionality and hygiene.

## Impressions

Ensuring that the impression material is disinfected is vital to prevent the transmission of pathogens to the dental technician. It is mandatory that dental impressions are disinfected correctly before being sent to the lab for processing.

It is typically the norm that impression disinfectant products should disinfectant in 10 minutes or under but they must not affect the mould stability and shape.

Bossklein IMPactiv P impression disinfectant powder is an economical disinfectant, an especially quick contact time of just 60 seconds which helps to reduce overall processing times.



# DAILYasp

**EN14476**  
VIRUS TESTED

## Aspirator Cleaner & Disinfectant

For the daily cleaning and disinfection of all types of aspirator systems, including wet line, dry line and semi wet/dry systems.

- Short soaking time, from only 15 mins
- Low-foaming and non-abrasive
- 3 in 1 – cleans, disinfects and deodorises
- Aldehyde, chlorine and phenol-free



View full product specification



Click to view Safety Data Sheet

BOS2487 - DAILYasp 1 Litre x 6 per box  
BOS2489 - DAILYasp 2.5 Litre x 4 per box  
BOS2488 - DAILYasp 5 Litre x 2 per box



MICROORGANISM	TIME	CONC %
<b>Bactericidal</b>	<b>15 min</b>	<b>2%</b>
<i>BS EN 13727:2012 + A1:2013</i>		
<i>BS EN 13697:2015</i>		
Pseudomonas aeruginosa, Staphylococcus aureus, Enterococcus hirae, Salmonella typhimurium, Legionella pneumophila	15 min	2%
<b>Yeasticidal</b>	<b>15 min</b>	<b>2%</b>
<i>BS EN 13624:2013</i>		
Candida Albicans	15 min	2%
<b>Viruses</b>		
<i>BS EN 14476 2013 + A1 2015</i>		
<i>ASTM E1052 - 96</i>		
Hepatitis B (HBV), Hepatitis C (HCV), HIV	15 min	2%
<b>Fungicidal</b>	<b>30 min</b>	<b>2%</b>
<i>BS EN 13624:2013</i>		
Aspergillus brasiliensis	30 min	2%
<b>Tuberculocidal</b>	<b>60 min</b>	<b>2%</b>
<i>BS EN 14348:2005</i>		
Mycobacterium terrae	60 min	2%

Thorough cleaning and disinfection of equipment reduces downtime and risks for all operators and users

**2%**

DILUTION  
20ml/1L\*



CONTACT  
15 MIN\*



LOW  
FOAMING



SAFE FOR  
ALL TYPES

# IMPactiv | P

**EN14476**  
VIRUS TESTED

## Impression Disinfectant

Fast acting, powder based disinfectant. Suitable for all types of impression material including orthodontic impressions.

- Contact time of just 60 seconds
- Does not deform impressions\*\*
- Economical 2% dilution ratio
- Includes measuring scoop

BOS9823 - IMPactiv P 700g x 6 per box



View full product specification



Click to view Safety Data Sheet



MICROORGANISM	TIME	CONC %
<b>Bactericidal</b>	<b>60 sec</b>	<b>2%</b>
<i>BS EN 13697:2015</i>		
<i>BS EN 13727:2012 + A1:2013</i>		
Pseudomonas aeruginosa, Staphylococcus aureus, Enterococcus hirae, E.coli, MRSA	60 sec	2%
<b>Yeasticidal</b>	<b>60 sec</b>	<b>2%</b>
<i>BS EN 13697:2015</i>		
<i>BS EN 13624:2013</i>		
Candida Albicans	60 sec	2%
<b>Enveloped Viruses</b>	<b>60 sec</b>	<b>2%</b>
<i>BS EN 14476 2013 + A1 2015</i>		
Hepatitis B (HBV), Hepatitis C (HCV), HIV, Measles virus, Hepatitis Delta virus, Influenza virus, Coronavirus, Herpesviridae, Filoviridae (Ebola), Rubella virus, Rabies virus	60 sec	2%
<b>Non Enveloped Viruses</b>	<b>60 sec</b>	<b>2%</b>
<i>BS EN 14476 2013 + A1 2015</i>		
Adenovirus 5, Murine norovirus	60 sec	2%

**2%**

DILUTION  
20g/1L\*



CONTACT  
60 SEC



POWDER  
BASED



SAFE FOR  
ALL TYPES

# Skin and Hands



Effective hand hygiene is vitally important to prevent the spread of pathogens and contamination of instruments

## Consistency is the key

The potential dangers of bad hand disinfection practises are obvious; an increased infection risk from the unavoidable close contact between staff and patients.

It is considered vital that staff members are fully compliant in the process of hand disinfection as this is considered the most important method of reducing cross-contamination and therefore infection.

To avoid increased risks hand disinfection must become consistent, comprehensive and be repeated frequently to become second nature.

Hands must be disinfected before and after contact with patients.

## Complete disinfection

Due to the requirement to constantly disinfect hands at key stages, it is important the product has a rapid contact time and it is also delicate on the skin.

Bossklein B70gel hand disinfectant has a 30 second contact time and is EN14476 virus tested for virucidal activity against all enveloped Viruses including Coronavirus.

The efficacy of B70gel is further validated by performing microbiological tests to EN1500 standard which demonstrates the product efficacy in working practice.

Including both aloe vera and vitamin E with the exclusive B70gel formula ensures hands remain supple and smooth, even after repeated use.

## Protection and care

The skin serves as the main protective barrier against damage to internal organs. The skin barrier is located in the uppermost layer of the skin, protecting the underlying skin from the entry of irritants and allergens.

The UK Health and Safety Executive notes that healthcare workers may develop dermatitis more often than the general population. The most common causes are working with wet hands, in contact with liquid soaps and cleaning materials.

Disinfecting hands to prevent infection is extremely important, Bossklein B70gel contains no dye to ensure maximum compatibility with minimum risks.

# B70gel

## Hand Disinfectant Gel

**EN14476**  
VIRUS TESTED

Rapid acting disinfectant with 70% alcohol content that also includes aloe vera to actively moisturise hands. Dermatologically tested and suitable for frequent use.

- Short contact time of only 30 seconds
- Kills 99.9% of bacteria and viruses
- Dual action: disinfects and moisturises
- Dye free for maximum compatibility

BOS7007 - B70gel 50ml x 50 per box  
BOS7006 - B70gel 500ml x 10 per box  
BOS7005 - B70gel 5 litre x 2 per box



View full product specification



Click to view Safety Data Sheet

MICROORGANISM	TIME
<b>Bactericidal</b>	<b>30 sec</b>
<i>BS EN 13727:2012+A2:2015</i>	
<i>BS EN 1500:2013</i>	
Pseudomonas aeruginosa, Staphylococcus aureus, Enterococcus hirae, E-coli	30 sec
<b>Yeasticidal</b>	<b>30 sec</b>
<i>BS EN 13624:2013</i>	
Candida albicans	30 sec
<b>Enveloped viruses</b>	<b>30 sec</b>
<i>BS EN 14476:2013+A2:2019</i>	
Vaccinia virus, Hepatitis B virus (HBV), Hepatitis C virus (HCV), HIV, Measles virus, Hepatitis Delta virus (HDV), Influenza virus, Coronavirus, Herpesviridae, Filoviridae (Ebola), Rubella virus, Rabies virus	30 sec
<b>Non-Enveloped viruses</b>	
<i>BS EN 14476:2013+A2:2019</i>	
Adenovirus 5, Murine norovirus	30 sec



CONTAINS **ALOE VERA** 

**70%** ALCOHOL CONTENT  **CONTACT 30 SEC**  **KIND TO SKIN**  **CONTAINS VITAMIN E** **100%** ALLERGEN FREE

## Hygienic Hand Disinfection

Disinfection should be completed by applying Bossklein B70gel directly to dry hands and rubbing together over a minimum of 30 seconds. It is vitally important to rub every area of the hands including the finger nails and wrists. See below for our simple 8 step guide:



Dispense solution



Palm to palm



Between fingers



Back of hands



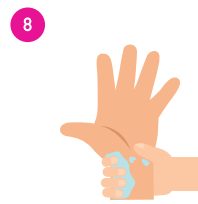
Base of thumbs



Back of fingers



Finger nails



Wrists

# Accessories



## Cap Wrench

Fits any Bossklein 5 litre or 2 litre cap to aid in opening

**Packing Details**  
GHM068 - 1 x Cap wrench



## Dispenser Pump

Dispenser pump for use with Bossklein 5 litre and 2 litre containers

**Packing Details**  
TOP0026A - 1 x Dispenser pump



## Dispenser Tap

Dispenser tap for use with Bossklein 5 litre and 2 litre containers

**Packing Details**  
GHM067 - 1 x Dispenser tap



## Bur Bath

150ml bur bath with removable inner basket and lid

**Packing Details**  
TOP0041 - 1 x Bur bath 150ml



## Dosing Cup

Calibrated dosing/measuring cup for concentrated solutions. Holds up to 60ml.

**Packing Details**  
DOS001 - 1 x Dispenser tap



## Oil Nozzle

For 500ml UNiOil Universal Handpiece Oil. Fit into slow or high speed handpieces.

**Packing Details**  
GHB025 - 1 x Universal fitting nozzle



## Instrument Bath

3 litre capacity, tested to BS5452  
Contains removable draining tank and lid.

**Packing Details**  
TOP0042 - 1 x Instrument bath 3 litre



NEW

## Spectrum Tips

Disposable tips for American style syringes. No adapter necessary. Multi coloured.

**Packing Details**  
SPE0001 - 250 x 3 in 1 Syringe tips



NEW

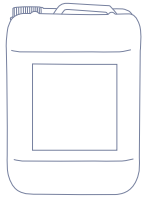
## Easy Tips

Disposable 3 in 1 syringe tips for UK style syringes. Clear.

**Packing Details**  
EAS0001 - 250 x 3 in 1 Syringe tips

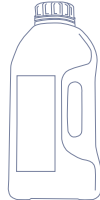


# Packaging



## 5 Litre Refill

Economical Refill Container



## 2 Litre Bottle

Ergonomic design



## 2.5 Litre Bottle

Includes dosing device



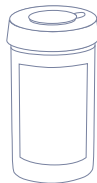
## 1 Litre Twin

Includes dosing device



## Ultra Wipe Tub

With stay fresh lid for 160 wipes



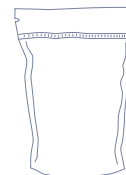
## Classic Wipe Tub

With stay fresh lid for 200 wipes



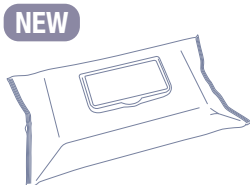
## Ultra Wipe Refill

For 160 wipes



## Classic Wipe Refill

For 200 wipes



## Wipe Flowpack

With stay fresh lid



## 50ml Tottle

Includes clip fastener



## 500ml Bell Bottle

With pump



## 700g Tub

Includes tamper proof seal



## 1 Litre Trigger

Spray delivery



## 500ml Trigger

Spray delivery

## IMPactiv | P

### Impression Disinfectant

- Concentrated powder
- EN14476 tested
- 60 second contact time
- 20g/1L dosage (2%)



## DAILYasp

### Aspirator Cleaner & Disinfectant

- Concentrated solution
- EN14476 virus tested
- 15 min contact time\*
- 20ml/1L dosage (2%)\*



## DRYwipes

### Highly Absorbent Dry Wipe

- Use in conjunction with surface disinfectant sprays
- Wipes remain strong when wet
- Packs contain 50 wipes



## V-WIPE ZERO

### Surface Disinfectant Wipe

- Biodegradable
- Alcohol free
- EN14476 tested



ECO-XL



NEW

## SDactiv ZERO

### Surface Disinfectant

- Ready to use
- Alcohol free
- EN14476 tested



NEW

## V-WIPE ZERO

### Surface Disinfectant Wipe

- Alcohol free
- EN14476 tested
- 60 second contact time
- Tubs and Refill Packs
- Three wipe types



**CLASSIC**

200 Large Wipes  
200 x 200mm  
Economy 18gsm

**ULTRA**

160 Premium Wipes  
175 x 155mm  
Premium 40gsm

**UNIVERSAL-XL**

200 Extra Large Wipes  
267 x 210mm  
Strong 34gsm



### V-WIPE

Surface Disinfectant Wipe

- Alcohol (63%)
- EN14476 tested
- 60 second contact time
- Tubs and Refill Packs
- Two wipe types

#### ULTRA

160 Premium Wipes  
175 x 155mm  
Premium 40gsm

#### CLASSIC

200 Large Wipes  
200 x 200mm  
Economy 18gsm

### SDactiv

Surface Disinfectant

- Alcohol (63%)
- EN14476 tested
- 60 second contact time



### UNIoil

Universal Handpiece Oil

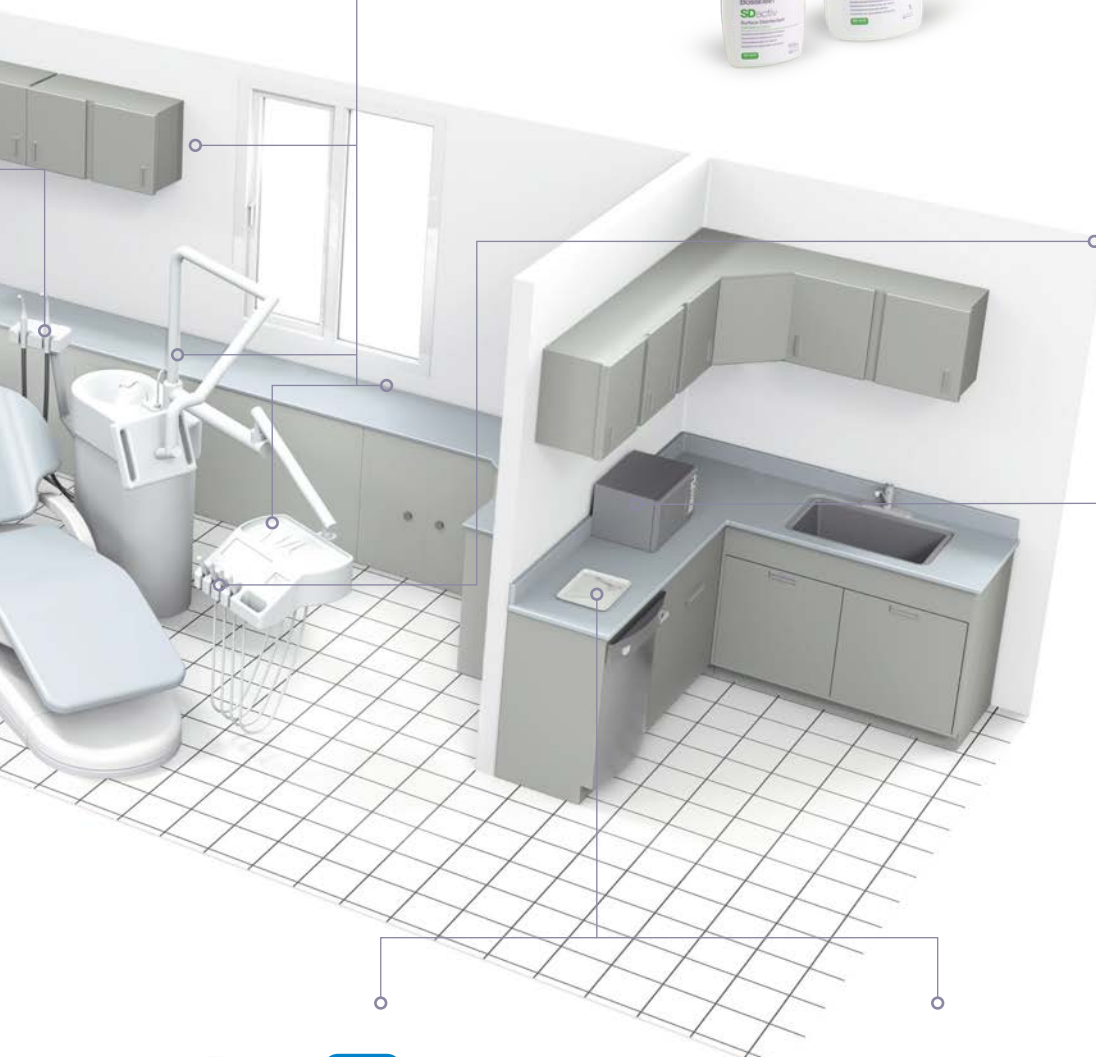
- Aerosol lubricant
- Removes debris
- High penetrative ability
- Peppermint aroma



### ULTRA bio

Ultrasonic Cleaner

- Concentrated solution
- Enzymatic
- 15 min contact time\*
- 30ml/1L dosage (3%)



#### NEW

### IDactiv QUANTUM

Instrument Disinfectant Powder

- Concentrated powder
- EN14476 tested
- Sporicidal
- 30 min contact time
- 20g/1L dosage (2%)



#### NEW

### IDactiv

Instrument Disinfectant

- Concentrated solution
- EN14476 tested
- Tuberculocidal
- 15 min contact time\*
- 20ml/1L dosage (2%)\*

# Complete **hygiene** solutions

# Bossklein®

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