

Bossklein®



Complete **hygiene** solutions

Bossklein®

Quality Matters

Bossklein Products Co is a specialist brand of disinfectants, cleansers and other preparations for use in the dental and medical sector, with a worldwide customer base.

More than ever we are at risk of disease transmission, mainly due to the ease in which we can travel around the world. Our commitment to quality will assist you and your customers to help create a solution to combat infection and disease.

The Bossklein Brand

The Bossklein brand is a dedicated multilingual range, manufactured wholly in the UK by Topdental (Products) Ltd.

Our range of 'high level' disinfection products specifically designed for your surgery, have been tested to the very highest standards in force. Along with CE marking to Class IIb for use on medical devices and ISO standards in place, this gives you peace of mind.

Manufacturing Standards

The management system of Topdental Products Ltd has been assessed and certified as meeting the requirements of ISO 13485:2016 for design and manufacture of its medical devices. This is an internationally recognized standard for organisations involved in the medical device industry and confirms that our quality management system is effectively maintained and implemented throughout the life cycle of our products.

We were certified to ISO 13485:2012 in December 2013 with a transition to ISO 13485:2016 in June 2018 and this is used in accordance with our CE certification to Directive 92/42/EEC annex V and annex II to which we have been certified since 2001.

Product Testing

Bossklein Products Co prides itself on the quality of our range and tests against many specific organisms using the latest guidelines.

The standards we test include, but are not limited to: BS EN14476, BS EN13727, BS EN14204, BS EN13704, BS EN13624, BS EN1040, BS EN1276, BS EN1275 and DGHM guidelines.

The Bigger Picture

Topdental is a member of DirectaDentalGroup. This group includes Directa Dental, Orsing, Parkell, Topdental, all known for prestigious and worldwide known brands. This enables us to provide our customers with the very best products and dental knowledge from around the globe while keeping competitive prices and high quality.

Offices, Production and Distribution

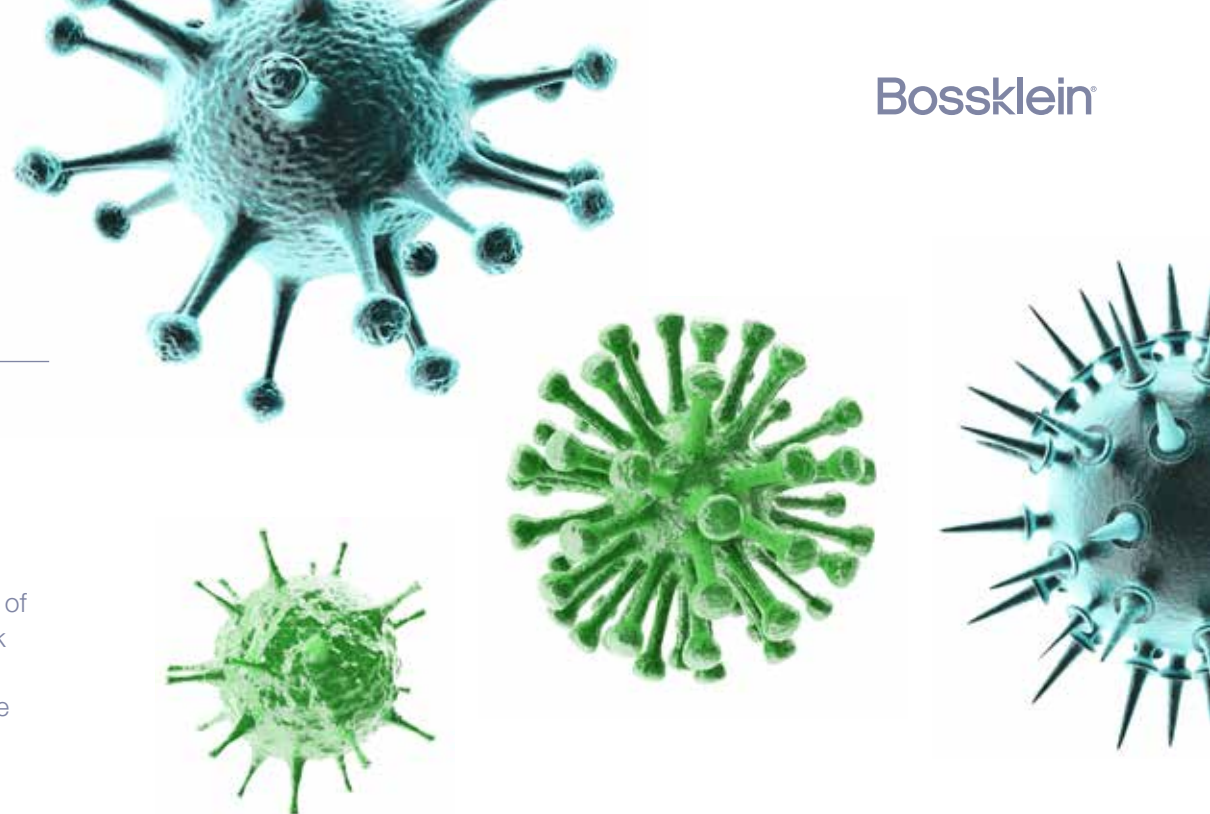
Please do not hesitate to contact us if you have any questions about our products.

UK Head Office:
Topdental (Products) Ltd
12 Ryefield Way, Silsden
Keighley, West Yorkshire
BD20 0EF England UK
Tel: +44 (0) 1535 652 750
Fax: +44 (0) 1535 652 751
www.bossklein.com
www.topdental.co.uk

Hygiene and Disinfection

Dental staff and patients are continually exposed to a wide range of pathogenic microorganisms – specifically bacteria, viruses and fungi. It is therefore vitally important to ensure a complete infection control range is utilised to minimise this ever-present threat in 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 effective in a quick and 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



Bacteria are vitally important to remove, especially due to their ability to 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 and MRSA respectively.

Viruses



Unlike bacteria – viruses rely upon living cells to replicate their viral material and are well known to exist on surfaces for long periods of time. For example, Hepatitis C is known to exist on surfaces for up to several weeks.

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

Fungi



Fungi flourish in moist and dark conditions in the dental surgery.

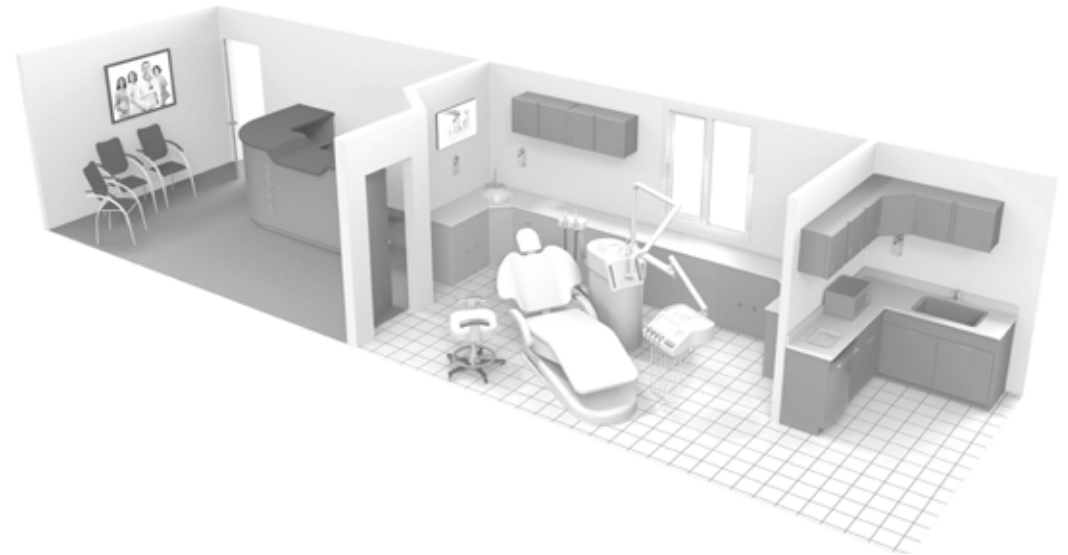
Once the fungi has formed, spores are carried by air to other areas to promote further fungal growth. Fungi include mould such as Aspergillus brasiliensis and yeast such as Candida albicans. The former is known to cause Aspergillosis from breathing in small particles of the mould, and is especially difficult to kill.

The Bossklein infection control products are both fungicidal and yeasticidal to prevent fungal growth in the dental practice.

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 Area care 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. Details regarding this system can be found below:

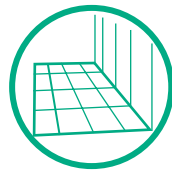


BLUE - INSTRUMENT CARE

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

A wide range of material compatibility is one of the necessities of any instrument care product, Bossklein tests products against a variety of different materials to ensure maximum compatibility for the end user.

Our Instrument Care products get to work quickly with their short contact times and take advantage of low dilution/concentration levels to guarantee time spent processing is minimized and time to spend with patients is maximized.



GREEN - 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 environment the daily 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 to combat infection.



YELLOW - SPECIAL AREA CARE

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

All inner surfaces of suction equipment is 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 considered a vitally important part of the infection control process. Impressions must be disinfected before being sent to a laboratory or being placed inside the patient's mouth.



PINK - SKIN AND 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 to prevent the spread of disease. By using Bossklein Skin and Hand Care disinfectant products you can help reduce the rate of acquired infections by a significant amount.

Due to the close contact between patients, dentists and nurses, cross contamination is an extremely high risk. The best known method to combat this risk is regular and comprehensive hand disinfection.

The molecular properties of the Bossklein Hand Disinfectants allows for the preservation of the epidermis of the skin whilst protecting against a wide range of organisms.

Contents



Instrument Care

Instrument Disinfectant	08
DisBur Ready Instrument Disinfectant	08
Universal Handpiece Oil	09
Ultrasonic Cleaner Concentrate	09
InstraFoam Solution	10
Triple Enzo Washer Disinfector Concentrate	10



Special Area Care

Daily Aspirator Cleaner and Disinfectant	24
Weekly Aspirator Cleaner and Disinfectant	24
ProMove Dental Water-line Cleaner	26
Waterline Testing Strips	26
Impression Disinfectant Powder	27
Impression Disinfectant Spray	27



Surface Care

V-Wipes	16
Surface Disinfectant Spray	17
Lint-Free Dry Wipes	17
Alcohol-Free V-Wipes	18
Alcohol-Free Surface Disinfectant Spray	19
Bactasept Floor Cleaner and Disinfectant	19
pH Neutral Wipes	20
Effervescent Chlorine Tablets	20



Skin and Hand Care

Hand Disinfectant Gel	32
Hand Disinfectant Rub	32
Liquid Hand Soap	33
Automatic 'No Touch' Dispenser	33



Accessories



Instrument Care

Instruments can become contaminated with blood, saliva and other biological fluids. The aim of disinfection is to stop the cross-contamination between patients and staff. All instruments used need to be carefully disinfected and cleaned.

Our products have been tested on a wide variety of materials for product compatibility, whether used in the instrument disinfectant bath, the bur bath, ultrasonic bath or in combination with an autoclave.



Safety is the number one priority

Dental instruments can become contaminated with pathogenic organisms and debris which can be a serious cause of patient infections. The basic requirements for a strong instrument disinfectant are material compatibility, a broad effective spectrum and anti corrosion inhibitors.

The pre-cleaning of dental instruments is a must for effective disinfection as residual debris can form a barrier on the surface therefore blocking active disinfectants.

All instruments used need to be carefully disinfected and cleaned. Our products have been tested on a wide variety of materials for product compatibility, whether used in the instrument disinfectant bath, the bur bath, ultrasonic bath or in combination with an autoclave.



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 instrument surface area, and prevent the disinfectant covering and attacking pathogens on the instrument.

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

Disinfection

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

The 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 and harm to patients.

The Bossklein Instrument Disinfectant provides an especially quick contact time, for instance HIV and Hepatitis C in only 5 minutes. Extensive material compatibility testing has additionally been carried out according to EN21530 to preserve instrument quality.

Lubrication

Efficient lubrication of handpieces not only ensures proper functionality and performance of a vital piece of dental equipment but it also reduces downtime and therefore saves money in 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 Universal Handpiece Oil has been specifically designed for modern dental handpieces.





Instrument Disinfectant

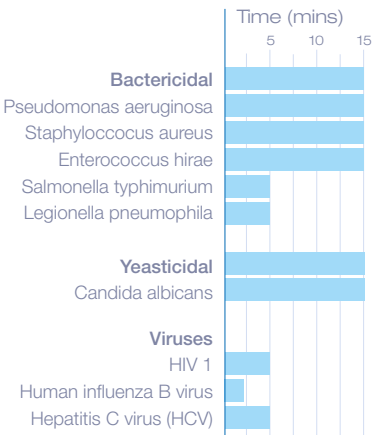
Disinfecting concentrate for instruments, burs and endodontic instruments

- Aldehyde and phenol free
- Compatible with a wide range of materials
- Effective against Bacteria, Yeast and Viruses such as HIV, Influenza B and Hep C
- Soaking time of only 15 minutes
- Economical 2% dilution ratio

Packing Details
BKINS01 - 1 litre dispenser bottle (6 per box)
BOS9786 - 2 litre bottle (6 per box)
BOS9787 - 5 litre container (2 per box)



Floral
aroma

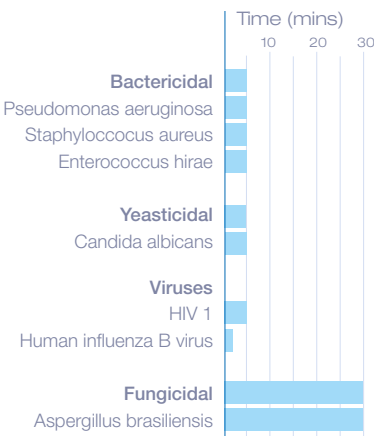


DisBur Ready

Disinfecting solution for rotary instruments

- Aldehyde and phenol free
- Safe to use on burs, tungsten carbide and polishers
- Effective against Bacteria, Yeast, Fungi and Viruses such as HIV and Influenza B
- Soaking time of 30 minutes
- Ready to use solution

Packing Details
BOS9793 - 2 litre bottle (6 per box)





Universal Handpiece Oil Spray

Effective lubricant for handpieces

- High pressure aerosol spray
- Complex oil with silicone
- Contains anti rust inhibitors
- Subtle peppermint aroma
- Ideal to use on high and low speed rotary handpieces

Packing Details

BOS9777 - 500ml steel can (12 cans per box)



Peppermint
aroma



Ultrasonic Cleaner Concentrate

Cleaning solution for use inside an Ultrasonic bath

- Designed for pre cleaning and decontamination
- Contains enzymes for added cleaning power
- Ideally suited for inanimate, non porous surfaces of instruments
- Economical 3% dilution ratio
- Minimum contact time of 15 minutes

Packing Details

BOS9788 - 1 litre dispenser bottle (6 per box)

BOS9794 - 5 litre container (2 per box)





Instrafoam

Instrument suspension foam

- Keeps soiled instruments moist while awaiting processing
- Allows more economical use of expensive disinfectants
- Contains enzymes for added cleaning power
- Long lasting
- Foaming, ready to use solution

Packing Details

BOS9799 - 500ml trigger spray (10 per box)



Triple Enzo

Cleaning solution for use inside washer disinfector machines

- Aldehyde and phenol free
- Contains enzymes for added cleaning power
- Non corrosive and kind to instruments
- Low foaming formulation
- Bacteriostatic

Packing Details

BOS9804 - 5 litre container (2 per box)



Instrument Disinfectant

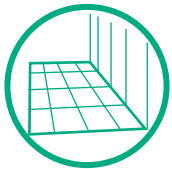
Ideal for the disinfection of instruments



Ultrasonic Cleaner

For cleaning of instruments inside ultrasonic bath





Surface Care

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.

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.



Comprehensive cleaning and disinfection

The probability of contamination of surfaces within the dental surgery is high so surface disinfection is particularly important in the fight against infection. Disinfection is essential for ensuring that surfaces do not transfer infectious pathogens to patients and staff. Failure to comply with infection control guidelines can lead to outbreak of disease.

Surface disinfection can be described as the process that eliminates micro-organisms that are present on inanimate objects or surfaces. Within medical environments objects are usually disinfected by liquid chemicals in the form of a solution or a pre-soaked wipe.

Cleaning can be described as the removal of soiling from objects and surfaces and normally is accomplished manually or mechanically using enzymatic solutions or water with detergents. Thorough cleaning is essential before disinfection because materials that remain on the surfaces interfere with the effectiveness of these processes. Decontamination removes micro-organisms from objects so they are safe to handle and use.



Alcohol Resistant Surfaces

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

Unlike other alcohol based surface disinfectants – the Bossklein alcohol based V-Wipes and Surface Disinfectant Spray have undergone complete microbial testing under dirty conditions, rather than clean conditions. This gives the user complete peace of mind that blood and organic soiling is not affecting the broad spectrum 60 second contact time.



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, and therefore require a more sensitive cleaning and disinfecting treatment compared to other surfaces. The Bossklein alcohol free V-Wipes and alcohol free Surface Disinfectant Spray are ideal for use on all surfaces, including those sensitive to alcohol.

Floor Cleaning

Floors are continually exposed to blood, saliva and organic soil during a typical working day, and frequent floor cleaning is essential for their removal and preservation of a clean working environment.

The floor cleaner used needs to be aggressive enough to solubilise and remove organic matter without causing any negative affect to flooring.

The Bossklein Bactasept floor cleaner has been extensively tested specifically for blood removal ability and compatibility with commonly used flooring materials.

Alcohol Free V-Wipes

Ideal for the disinfection of dental chairs





Wipes - everything you need to know

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 actually mechanically wiping a surface which can help to loosen debris and ensure the disinfectant makes full contact with the surface.

Bossklein V-Wipes 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.

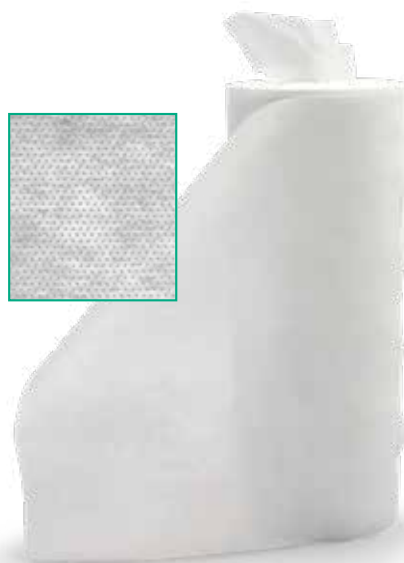
Wipe substrate

All Bossklein V-Wipe surface disinfectant wipes, including both Alcohol based and Alcohol Free, use the same high quality wipe substrate.

A wipe which has excellent wet strength and helps to transfer as much of the disinfectant solution to the surface as possible ensuring wipes are used in the most economical way.

V-Wipes are available in 2 different sized substrates, standard 180x120mm which contains 100 wipes and large 200x200mm which contains 200 wipes.

The textured surface gives great traction and handling properties to the wet wipe which in turn give the user ultimate confidence when ensuring all surfaces have been effectively covered with the disinfectant solution.



Wipe dispenser tub

Both standard and large Bossklein V-Wipe surface disinfectant wipes are available in a user friendly, refillable dispenser tub.

Tubs are constructed from high quality, white HDPE plastic which ensures maximum protection for their contents. Each tub is provided with a secure cap/lid which includes a click style opening with an airtight seal which keeps the wipes fresh and ready for their next use.

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

Dispenser tubs are available in cases of 12 tubs.

Wipe refill pack

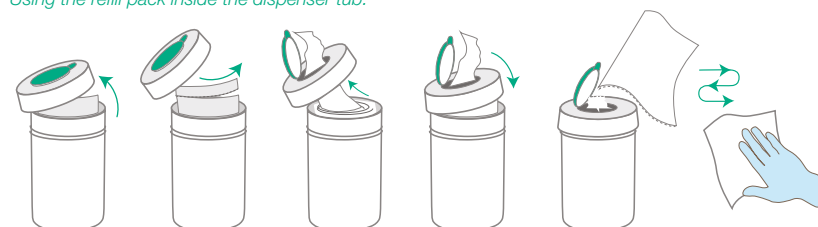
Economical refill packs of both sizes of V-Wipes are available.

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

Each pouch can be used as a standalone dispenser due to its stand up base and secure zip seal (large only) which helps to keep the wipes moist and ready for the next use or alternatively the refill can be used inside the dispenser tub (see below for details) as an eco-friendly refill pack.

Refill packs are available in cases of 12.

Using the refill pack inside the dispenser tub:





V-Wipes Standard

Surface disinfectant wipes for non invasive medical devices

- Alcohol based disinfectant wipe (55% ethanol + 19% Isopropanol)
- Packs contains 100 wipes each measuring 180x120mm
- Available in dispenser tubs and refill packs
- Bactericidal, Yeastcidal, Fungicidal and Tuberculocidal
- Effective against viruses such as Adeno, Noro, HIV, and Hep C
- Contact time of only 60 seconds
- Tested under dirty conditions

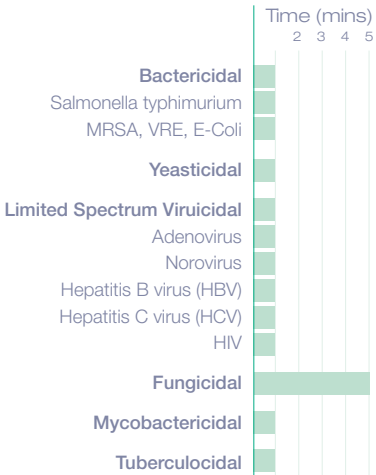
Packing Details
BOS0005/BOS0004 - Tub of 100 wipes (12 per box)
BOS9776/BOS6779 - Refill pack of 100 wipes (12 per box)



Lemon
aroma



Natural
aroma



V-Wipes Large

Surface disinfectant wipes for non invasive medical devices

- Alcohol based disinfectant wipe (55% ethanol + 19% Isopropanol)
- Packs contains 200 large wipes each measuring 200x200mm
- Available in dispenser tubs and refill packs
- Bactericidal, Yeastcidal, Fungicidal and Tuberculocidal
- Effective against viruses such as Adeno, Noro HIV, and Hep C
- Contact time of only 60 seconds
- Tested under dirty conditions

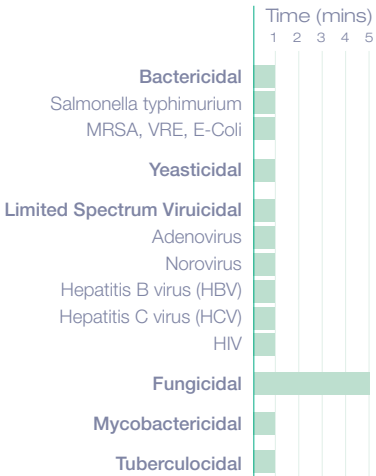
Packing Details
BOS9783/BOS3879 - Tub of 200 wipes (12 per box)
BOS9784/BOS4879 - Refill pack of 200 wipes (12 per box)



Lemon
aroma



Natural
aroma





Surface Disinfectant Spray

Surface disinfectant solution for non invasive medical devices

- Alcohol based formulation (55% ethanol + 19% Isopropanol)
- Ready to use solution
- Available in 500ml, 1 litre and 5 litre
- Bactericidal, Yeastical, Fungicidal and Tuberculocidal
- Effective against viruses such as Adeno, Noro HIV, and Hep C
- Contact time of only 60 seconds
- Tested under dirty conditions

Packing Details

BOS9782/BOS2879 - 500ml bottle with trigger (10 per box)
 BOS9801/BOS1089 - 1 litre bottle with trigger (10 per box)
 BOS9779/BOS9774 - 5 litre container (2 per box)



Lemon
aroma



Natural
aroma

	Time (mins)				
	1	2	3	4	5
Bactericidal					
Salmonella typhimurium					
MRSA, VRE, E-Coli					
Yeastical					
Limited Spectrum Virucidal					
Adenovirus					
Norovirus					
Hepatitis B virus (HBV)					
Hepatitis C virus (HCV)					
HIV					
Fungicidal					
Mycobactericidal					
Tuberculocidal					

Dry Wipes

Ideal to use in conjunction with surface disinfectant spray



- Wipe size 310x255mm
- Lint free
- Highly absorbent
- Excellent wet strength

Packing Details

DRY0001 - Packs of 50 wipes (28 per box)



Alcohol Free V-Wipes Standard

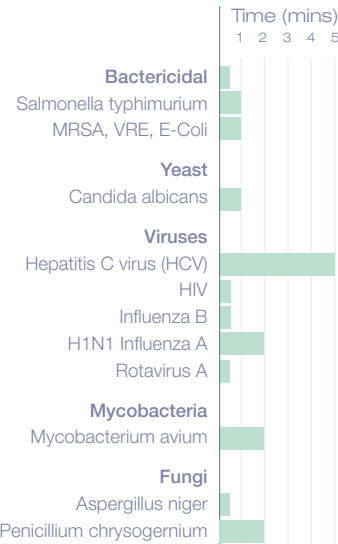
Surface disinfectant wipes for non invasive medical devices

- Packs contains 100 large wipes each measuring 180x120mm
- Available in dispenser tubs and refill packs
- Effective against Bacteria, Yeast, Fungi and Viruses such as Rotavirus, HIV and Hep C
- Contact time of only 30 seconds
- 2 in 1 Cleans and disinfects
- Excellent material compatibility
- Safe to use on surfaces sensitive to alcohol

Packing Details
BOS008 - Tub of 100 wipes (12 per box)
BOS97766 - Refill pack of 100 wipes (12 per box)



Peppermint
aroma



Alcohol Free V-Wipes Large

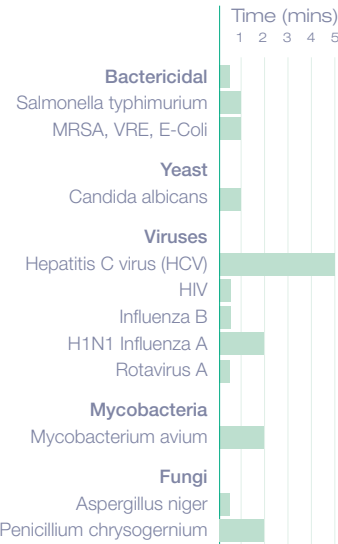
Surface disinfectant wipes for non invasive medical devices

- Packs contains 200 large wipes each measuring 200x200mm
- Available in dispenser tubs and refill packs
- Effective against Bacteria, Yeast, Fungi and Viruses such as Rotavirus, HIV and Hep C
- Contact time of only 30 seconds
- 2 in 1 Cleans and disinfects
- Excellent material compatibility
- Safe to use on surfaces sensitive to alcohol

Packing Details
BOS9810 - Tub of 200 wipes (12 per box)
BOS9811 - Refill pack of 200 wipes (12 per box)



Peppermint
aroma





Alcohol Free Surface Disinfectant Spray

Surface disinfectant solution for non invasive medical devices

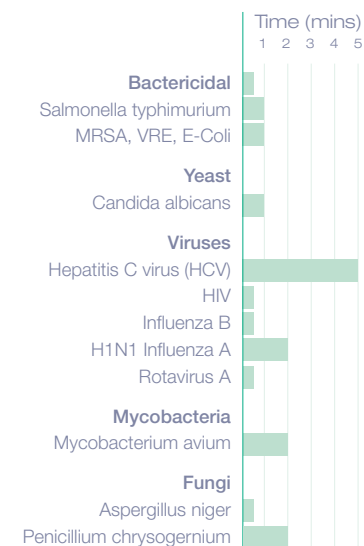
- Ready to use solution
- Available in 500ml, 1 litre and 5 litre
- Effective against Bacteria, Yeast, Fungi and Viruses such as Rotavirus, HIV and Hep C
- Contact time of only 30 seconds
- 2 in 1 Cleans and disinfects
- Excellent material compatibility
- Safe to use on surfaces sensitive to alcohol

Packing Details

BOS9813 - 500ml bottle with trigger (10 per box)
BOS9812 - 1 litre bottle with trigger (10 per box)
BOS9815 - 5 litre container (2 per box)



Peppermint
aroma



Bactasept

Detergent based floor cleaning concentrate solution

- Suitable for all washable flooring materials
- Powerful cleaning action
- Helps reduce odours associated with flooring
- Economical 2% dilution ratio
- Leaves minimal residue

Packing Details

BOS9803 - 1 litre dispenser bottle (6 per box)
BOS9802 - 5 litre container (2 per box)



pH Neutral Detergent Wipes

General routine cleaning wipes ideal for damp dusting

- Packs of 225 wipes each measuring 280x250mm
- Available in dispenser tubs or refill packs
- Extra strong wipe substrate - no tearing
- Contains no alcohol or disinfectant
- Suitable for use on all areas
- Safe to use on all surfaces including plastics

Packing Details

BKMUL0178 - Tub of 225 wipes (1 per box)

BKMUL0177 - Refill pack of 225 wipes (3 per box)



Effervescent Chlorine Tablets

A safe alternative to liquid bleach

- Soluble tablet
- Used with clean water
- Kills bacteria, viruses, fungi and spores.
- Each tablet liberates 1000 parts per million available chlorine per 1 litre of water
- Can be stored for up to 5 years

Packing Details

BOSCHL0001 - Tub of 200 1.7g tablets (6 per box)

Body fluid spills 10,000ppm

Dissolve 1 tablet in 100ml - Minimum 2 mins contact time

Laboratory discard jars 2,500ppm

Dissolve 1 tablet in 400ml - Soak overnight

General disinfection 1,000ppm

Dissolve 1 tablet in 1 litre - 15 mins contact time

Stainless steel instruments 600ppm

3 tablets per 5 litres. - Immerse for 1 hour

WC's, drains, sinks 400ppm

1 tablet per 2.5 litres- Pour in solution at quiet periods

Food preparation surfaces 200ppm

1 tablet in 5 litres. Allow to soak for 3 minutes and air dry or use disposable paper towels. Neutral (non cationic) detergent can be added to solution to aid cleaning

Dishcloths, mops etc. 60ppm

1 tablet in 16 litres.

Soak to bleach clean and deodorise. Do not soak overnight.

pH Neutral Detergent Wipes

Ideal for general cleaning and damp dusting



Bactasept

Ideal for the floor/large surface cleaning





Special Area Care

Bossklein offers you a complete and user friendly range of disinfection, cleaning and care products based on the Daily and Weekly cleaning and disinfection of all wet, dry or semi wet/dry systems.

This range also includes high level disinfectants for impressions, either a ready to use spray or immersion in a powder/water mix. Can be used on all impressions from alginate, addition cured or polyether.



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 patient's mouths. Decontamination and disinfection is vital to avoid not only patient/staff cross contamination during application, transport and processing but also to protect the surface quality of the impression itself.



Suction Systems

The suction lines are continually exposed to pathogenic and soil build up that not only presents a major hazard to dental staff and patients but also to the functionality of the suction system.

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

The Bossklein Daily Aspirator cleaner and disinfectant is non-corrosive and hazardous when diluted to the economical 2% dosage and possesses excellent material compatibility. It has an intense non foam 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 and before coming into contact with a patient.

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.

The Bossklein Impression Disinfectant solution is ready to use and has an especially quick contact time of 5 minutes, the helps to reduce overall processing times.



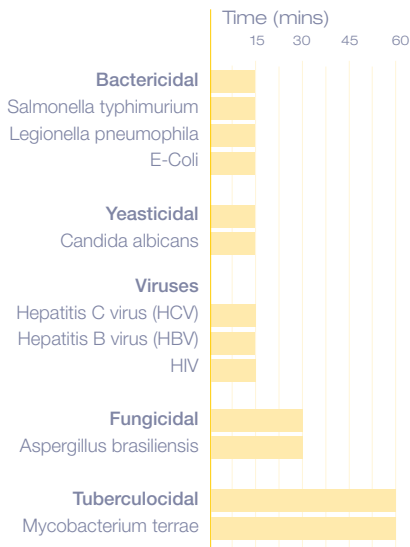


Daily Aspirator

For the daily cleaning and disinfection of aspirator systems

- Concentrate solution with an economical 2% dilution ratio
- Contact time from only 15 minutes
- Use on wet line, dry line and semi wet/dry line suction systems
- Bactericidal, Yeasticidal, Fungicidal & Tuberculocidal
- Kills Hep B, Hep C and HIV
- Non-foaming & Non-abrasive
- Aldehyde, chlorine and phenol free
- Alkaline based solution

Packing Details
BOS2487 - 1 litre bottle (6 per box)
BOS2488 - 5 litre container (2 per box)

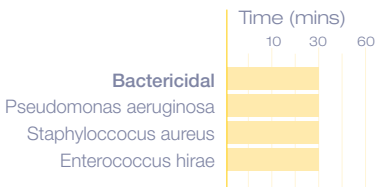


Weekly Aspirator

Idea for the weekly cleaning and maintenance of aspirator systems

- Concentrate solution
- 5% dilution ratio
- Contact time of 30 minutes
- Bactericidal
- Use on wet line, dry line and semi wet/dry line suction systems
- Low-foaming & Non-abrasive
- Aldehyde, chlorine and phenol free
- Acid based solution

Packing Details
BOS9806 - 1 litre bottle (6 per box)
BOS9809 - 5 litre container (2 per box)



Daily Aspirator Cleaner

Ideal for daily cleaning of aspirator systems



Weekly Aspirator Cleaner

Ideal for weekly cleaning of aspirator systems





ProMove

For the routine cleaning and decontamination of water lines

- Concentrate solution
- Dissolves proteins and biofilm rapidly
- Prevents infection and allows water to flow freely
- Can be used on nylon, plastic and metal
- Aldehyde free and biodegradable
- Use Waterline Test Strips to detect any traces of ProMove after each disinfection procedure

Packing Details

BOS9822 - 2 litre bottle (6 per box)



Waterline Testing Strips

Water quality detection test

- Designed to test water after cleaning and disinfection
- Detects traces of Bossklein ProMove solution (above)
- Ensures waterlines are safe to use

Packing Details

BOS500 - 20 test strips (200 packs per box)



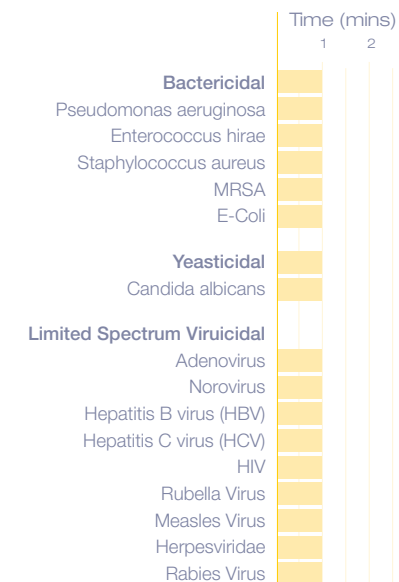
Impression Disinfectant Powder

Fast acting powder based disinfectant

- Suitable for all kinds of impression materials
- Including silicones, alginates and polyester
- Safe to use for orthodontic impressions
- Dissolve 20g to 1 litre of water
- Includes measuring scoop

Packing Details

BOS9823 - 700g tub (9 per box)



Impression Disinfectant Spray

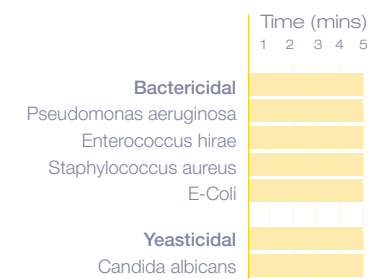
Ready to use disinfectant

- Suitable for all kinds of impression materials
- Including silicones, alginates and polyester
- Aldehyde free solutions
- Fast acting

Packing Details

BOS9785 - 500ml trigger spray (10 per box)

BOS9885- 5 litre container (2 per box)





Skin and Hand Care

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.

The Bossklein hand disinfectant gel has a 30 second contact time and leaves the skin with an extra smooth feel compared to other hand disinfectants. The efficacy of our range is further validated by performing microbiological tests to EN1500 standard which demonstrates the product efficacy in working practice.





Complete disinfection

Effective hand hygiene is vitally important to prevent the spread of pathogens and recontamination of instruments. Hand hygiene products should be used frequently - especially at the following stages according to HTM 01-05:

- Before and after each treatment session
- Before and after the removal of PPE
- Following the washing of dental instruments
- Before contact with instruments that have been steam-sterilized (Whether or not these instruments are wrapped)
- After cleaning or maintaining decontamination devices used on dental instruments
- At the completion of decontamination work



Protection and care

The skin is often referred to as the largest and most visible organ of the body and 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 and contact with liquid soaps and cleaning materials. Many people have pre-existing skin conditions, which although not work related, may get worse with workplace exposure.

Disinfecting hands to prevent infection is extremely important, the Bossklein Hand Disinfectants contain humectants and skin softeners in order to maintain the integrity of the skin.

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.

The main reasons given as to why hand disinfection has not been performed include: lack of time and/or training, forgetfulness and lack of awareness. 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 and become second nature. Hands must be disinfected before and after contact with patients.

Hand Disinfectant Gel

Ideal for regular hand disinfection



Liquid Hand Soap

Ideal for frequent hand cleaning/washing





Hygienic Hand Disinfection

The aim of hygienic hand disinfection is to deactivate the micro-organisms that are present on the surface of the skin. These micro-organisms can be transferred directly to patients via skin contact or transferred indirectly via other surfaces within the dental surgery or waiting room.

Hygienic hand disinfection yields much higher reduction of micro-organisms than just hand washing therefore providing maximum safety to both staff and patients. This procedure can also be carried out in any location without the need for water and washbasins.

Disinfection should be completed by applying one of the Bossklein hand disinfectant solutions directly to dry hands and rubbing together over a minimum of 30sec. It is vitally important to rub every area of the hands including the finger nails and wrists. See below for useful guide:



Dispense solution



Palm to palm



Between fingers



Back of hands



Base of thumbs



Back of fingers



Finger nails



Wrists



Hand Disinfection Gel

Rapid acting hand disinfection gel

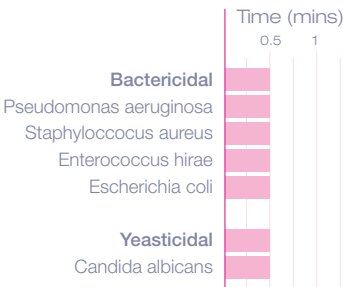
- 30 second contact time
- Suitable for frequent use
- Consistency of a gel
- Contains alcohol (ethanol)
- Registered Biocide product N-65203

Packing Details

BOS9796 - 50ml bottle with clip (100 per box)
BOS610 - 500ml bottle and pump (12 per box)
BOS9795/ - 5 litre refill bottle (2 per box)



Coconut
aroma



Hand Disinfection Rub

Rapid acting hand disinfection solution

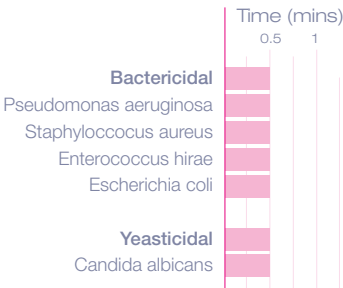
- 30 second contact time
- Suitable for frequent use
- Consistency of water
- Contains alcohol (ethanol)
- Leaves no sticky residue
- Registered Biocide product N-65204

Packing Details

BOS9816 - 50ml bottle with clip (100 per box)
BOS9800 - 500ml bottle and pump (12 per box)
BOS9792 - 5 litre refill bottle (2 per box)



Mint
aroma





Liquid Hand Soap

General liquid soap detergent

- Ideally suited for hand washing
- Suitable for frequent use
- For use with warm water
- Pleasant aroma

Packing Details

BOS9818 - 500ml bottle and pump (12 per box)

BOS9819 - 5 litre refill bottle (2 per box)



Automatic 'No Touch' Dispenser

No contact necessary

- No direct contact so no cross contamination
- Heat activated sensor so no accidental activations
- Accurate and consistent dosage
- Suitable for Bossklein Hand Disinfectant Gel and Liquid Hand Soap
- Holds unique 650ml pouches of solution
- Airtight system so no drips or leaks
- Lockable clam shell case
- Requires 4 alkaline D size batteries (supplied with dispenser)

Packing Details

TDVP210 - 650ml Automatic no-touch dispenser

TDVPD61 - 650ml Hand gel pouch (4 per box)

OTD0001 - 650ml Hand soap pouch (4 per box)





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



Instrument Bath

- 3 litre capacity, tested to BS5452
- Contains inner removable draining tank and a lid

Packing Details

TOP0042 - 1 x Instrument bath 3 litre

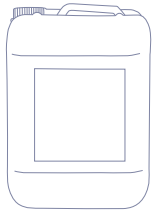


Oil Nozzle

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

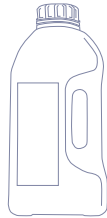
Packing Details

GHB025 - 1 x Slow and high speed nozzle



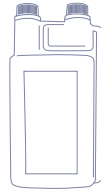
5 Litre Refill

■ Economical Refill Container



2 Litre Bottle

■ Ergonomic design



1 Litre Twin

■ Includes dosing device



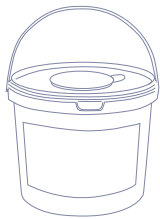
500ml Trigger

■ Spray delivery



1 Litre Trigger

■ Spray delivery



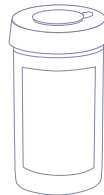
Wipe Bucket

■ For detergent wipes x 225



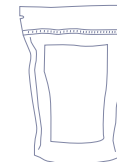
Wipe Tub

■ With secure lid for 100 wipes



Large Wipe Tub

■ With secure lid for 200 wipes



Wipe Refill

■ For 100 wipes



Large Wipe Refill

■ For 200 wipes



50ml Tottle

■ Includes clip fastener



500ml Bell

■ With pump



700g Tub

■ Includes tamper proof seal

36

Product Surgery Map

At Topdental we are passionate about infection control and reducing the risk of contamination to ensure both patient and staff members can operate in a safe environment. We have created a useful map of a typical dental surgery to demonstrate the ideal areas to use some of our key products. As you can see, Bossklein has all the bases covered when it comes to hygiene and disinfection.



Pure Detergent Wipes

General cleaning and damp dusting wipes.

- Alcohol free
- Disinfectant free
- Extra large Wipe
- Wide compatibility
- High wipe strength



Bactasept

Floor cleaning concentrate solution.

- Ideal for all washable floors
- No rinse required
- Detergent based
- Reduces odours
- 100ml to 5L dosage (2%)



AF Surface Disinfectant

Disinfect and clean surfaces of non-invasive medical devices, including those sensitive to alcohol.

- Mint Aroma
- Ready to use
- Bactericidal
- Kills Mycobacteria, Yeast & Fungi*
- Hep C, Influenza B, HIV & more*
- Effective in only 30 sec*



Surface Disinfectant

Disinfect surfaces of non-invasive medical devices.

- Lemon & natural aromas
- Alcohol based formula
- Ready to use
- Bactericidal, Yeast & Fungicidal
- Adeno, Noro, Hep C, Hep B, Influenza B, HIV & more
- Effective in 60 sec*



Alcohol Free V-Wipe

Disinfect and clean surfaces of non-invasive medical devices, including those sensitive to alcohol.

- Mint Aroma
- Standard & large wipe sizes
- Bactericidal
- Kills Mycobacteria, Yeast & Fungi
- Hep C, Influenza B, HIV & more*
- Effective in only 30 sec*



ProMove

Concentrated dental water line cleaning solution.

- Dissolves Protein & Biofilm
- Non-corrosive
- Aldehyde free
- Biodegradable
- 20ml to 1L dosage (2%)



Triple Enzo

Washer disinfectant machine concentrated cleaning solution

- Enzymatic
- Aldehyde free
- Phenol free
- Biodegradable
- Non-corrosive

Daily Aspirator

Daily cleaning and disinfectant concentrate for aspirator systems.

- Non-foaming & Non-abrasive
- Bactericidal & Yeasticidal
- Fungicidal & Tuberculocidal
- Hep B, Hep C and HIV
- Effective in 15 mins*
- 20ml to 1L dosage (2%)



Weekly Aspirator

Weekly cleaning and disinfectant concentrate for aspirator systems.

- Low-foaming & Non-abrasive
- Bactericidal
- Effective in 30 mins
- 50ml to 1L dosage (5%)



V-Wipe Surface Wipe

Disinfect surfaces of non-invasive medical devices.

- Lemon & natural aromas
- Alcohol based formula
- Standard & large wipe sizes
- Bactericidal, Yeasticidal & Fungicidal
- Adeno, Noro, Hep C, Hep B, Influenza B, HIV & more*
- Effective in 60 sec*



Universal Handpiece Oil

Lubrication for all dental rotary handpieces.

- Complex oil
- Contains silicone
- Anti-rusting agent
- High pressure 70+ Psi
- Mild peppermint aroma
- Wide compatibility



Instrument Disinfectant

Disinfecting concentrate for instruments.

- Biodegradable
- Bactericidal
- Yeasticidal
- Influenza B, Hep C and HIV
- Effective in 15 mins*
- 20ml to 1L dosage (2%)



*for full effective spectrum and contact times see individual product information



Complete **hygiene** solutions

Bossklein®

Topdental (Products) Ltd
12 Ryefield Way, Silsden
West Yorkshire
BD20 0EF
UNITED KINGDOM
www.topdental.co.uk
sales@topdental.co.uk

DirectaDentalGroup
DIRECTA **topdental** **ORSING** **parkell**
directadental.com



v1.6 0219