

EndoSan[®]

ADVANCING WATER HYGIENE



EndoSan[®]

"... the most developed of the silver stabilised hydrogen peroxides now available has proved particularly effective against biofilms and biofouling in water systems. Independent testing shows it provides a very wide spectrum of biocidal activity against bacteria, viruses, spores, fungi, amoebae (such as Amoeba acanthus which can act as host to Legionella bacteria) and algae."

Dr T. Makin - Independent Review on EndoSan 2014

Co-author of the HSE Approved Code of Practice and Guidance (ACOP) - The Control of Legionella Bacteria in Water Systems (L8)

Co-author of the Department of Health Technical Memorandum HTM 04-01 - Legionella Control in Healthcare Premises



EndoSan[®]

THE MOST ADVANCED SILVER STABILISED HYDROGEN PEROXIDE



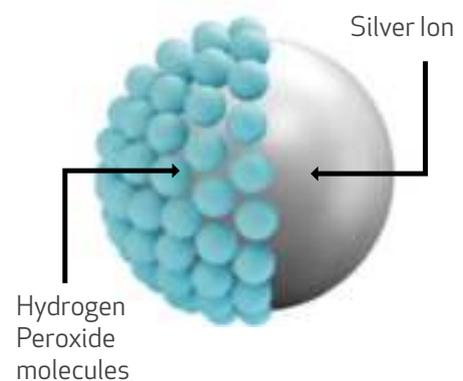
EndoSan is a powerful, highly effective, broad spectrum disinfectant that is both stable and safe.

EndoSan is a solution of Hydrogen Peroxide (H_2O_2) which is stabilised using a proprietary ionic silver based chemistry.

When correctly applied to water, air or any surface, EndoSan will disinfect through an oxidation process and continue to safely provide unrivalled residual performance.

EndoSan is chlorine and alcohol free, with no corrosive effects on usual materials of construction during application. After use it simply degrades into harmless water and oxygen as one of the safest forms of disinfection.

EndoSan[®]



Representation for illustrative purposes only

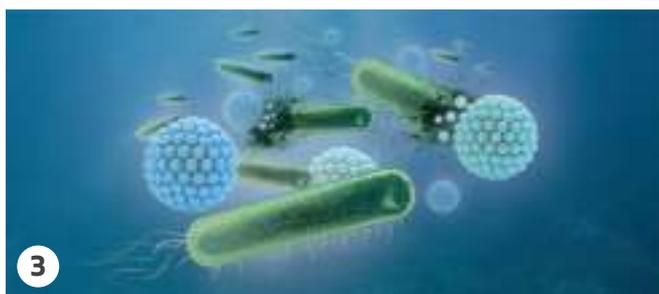
HOW ENDOSAN WORKS - A CLOSER LOOK



A typical bacterium naturally emits a negative charge. EndoSan is attracted by this charge to the site.



In catalase producing bacterium the presence of EndoSan inhibits the defence mechanism, allowing the powerful free hydroxyl radicals to attack the cell membrane.



These free hydroxyl radicals penetrate the membrane and destroy the bacterium. Once killed the bacterium no longer emits a negative charge.



EndoSan is now attracted to the next bacteria site emitting a negative charge. Silver ions re-stabilise with excess hydrogen peroxide molecules to repeat the process.

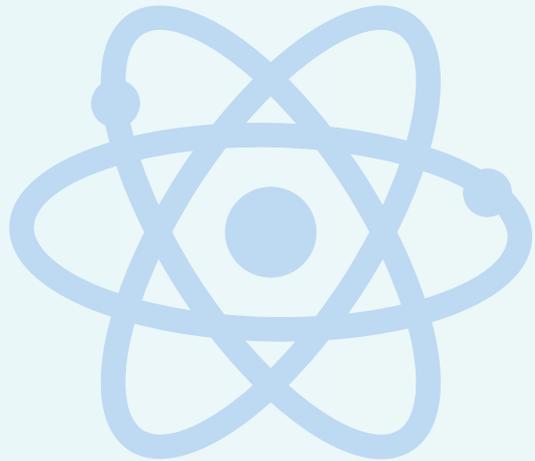
KEY BENEFITS

- PROVEN EFFICACY WITH GLOBAL APPROVALS
- UNRIVALLED STABILITY
- BACTERICIDE, VIRUCIDE, SPORICIDE
- HIGHLY EFFECTIVE BIOFILM REMOVER
- WIDE RANGE OF APPLICATIONS
- FUNGICIDE, ALGAEICIDE, AMOEBICIDE
- NON-TOXIC AND pH NEUTRAL WHEN DOSED
- ODOUR, COLOUR & TASTE FREE
- VERSATILE & EASY TO APPLY
- EFFECTIVE BETWEEN 0°C AND 95°C
- NO HARMFUL BY-PRODUCTS
- 2 YEAR SHELF LIFE

UNIQUE STABILISATION

The unrivalled efficacy of EndoSan relies on its remarkable stabilisation chemistry. The silver stabiliser, which is added to the hydrogen peroxide, is a complex salt mixture formulated around ionic silver.

Technically speaking a silver ion is an atom of silver that is missing one electron. The outermost electrons of an atom determine the physical properties of the matter. Taking away one electron from a silver atom results in a silver ion. The ionic silver contained within EndoSan acts as a stabiliser and a catalyst resulting in extended stability during application and giving a half-life* of up to five weeks in potable water.



SAFETY

EndoSan is a 'safe biocide' and is approved for the continuous addition of EndoSan to drinking water supplies in France, Belgium and The Netherlands.

The World Health Organization (WHO), Environmental Protection Agency (EPA) and NASA have all produced documents indicating that drinking water can contain levels up to 50ppb[†] silver without compromising public safety. At recommended dosing levels, EndoSan would contain less than 10ppb[†] of silver.

ENVIRONMENT

EndoSan is truly biodegradable and leaves no residual in the end-product. Post disinfection EndoSan degrades into water and oxygen, substances that are found naturally.

In addition to the number of environmental benefits EndoSan provides, the manufacturing process also complies with ISO 14001 environmental standards, ISO 9001 and ISO 13485.



* Half-life is the amount of time required for the dose level to fall to half its initial value.

† ppb - This measurement is the weight of chemical per unit volume of water represented here as 'parts per billion' but also seen as µg/L or micrograms per litre.

ppm - This measurement is the weight of chemical per unit volume of water represented here as 'parts per million' but also seen as mg/l or milligrams per litre.

Delivery methods

EndoSan boasts a variety of delivery methods for all areas of disinfection. Our dedicated team of technicians ensure the most efficient method of application is used, depending on the industry or user preference, assuring best practice in health & safety compliance.

There are four delivery methods that can be used to maximise EndoSan efficacy:



Constant Dosing

Dosing pumps are a simple yet reliable means to ensure a regulated amount of chemical is dosed into any system. We offer a full certified range of dosing equipment for all areas of industry.

The complete dosing solutions are ready to use and can be implemented without heavy installation costs. Our 'Smart dosing' technology will automatically adjust and record chemical dosage to the correct levels. Using the right measuring and control technology, can help to lower costs by optimising metering of fluid chemical.



Fogging

Spraying a fine disinfection mist/fog into any closed area is a well recognised and effective method to ensure total coverage of surfaces and treatment of airborne bacteria. The size of the droplets are small and when applied in the correct proportion (to avoid 100% humidity) reaches all exposed surfaces evenly and precisely.

A range of fogging devices are offered to suit various applications and we also provide 'Instructions For Use' tailored to customers' existing solutions.



Surface Disinfection

As a leave in place disinfectant, EndoSan has numerous advantages over traditional disinfectants. Downtime is dramatically reduced and less chemical is needed to disinfect surfaces.

For surface disinfection, EndoSan can be applied using standard spray delivery methods for application on walls, floors or equipment.



Manual Dosing

Adding EndoSan manually is a simple and inexpensive way to disinfect without purchasing dosing equipment.

Full advice and support is available to ensure the correct dose rate is calculated for any given application.

EndoSan is available in a variety of concentrations in 500ml, 1L, 5L, 10L, 20L and 1000L IBCs.

EndoSan for Agriculture & Horticulture

EndoSan is providing next generation ecological infection control and biofilm removal for the agribusiness. EndoSan can be used to great benefit over rival products and technology.



APPLICATION AREAS

- IRRIGATION SYSTEMS
- HYDROCOOLERS
- SPRAY AND DRIP LINES
- POST HARVEST CROP WASHING
- STORAGE DISINFECTION
- RESERVOIRS, TANKS, DISTRIBUTION SYSTEMS
- COLD STORAGE AREAS
- GREENHOUSE FOGGING
- SURFACE AND EQUIPMENT DISINFECTION

EndoSan is proving to be the disinfectant product of choice for the agri market from field to fork. With minimal residual levels (MRL) and application legislation changing all the time, EndoSan's positive environmental credentials mean that growers, packers and processors are turning to this advanced, proven technology.

Whether it is for total biofilm removal, irrigation system and water sanitisation, equipment disinfection or post-harvest crop washing, EndoSan is a true 'no gap', broad spectrum, disinfectant used worldwide for over 35 years.

APPLICABLE DELIVERY METHODS

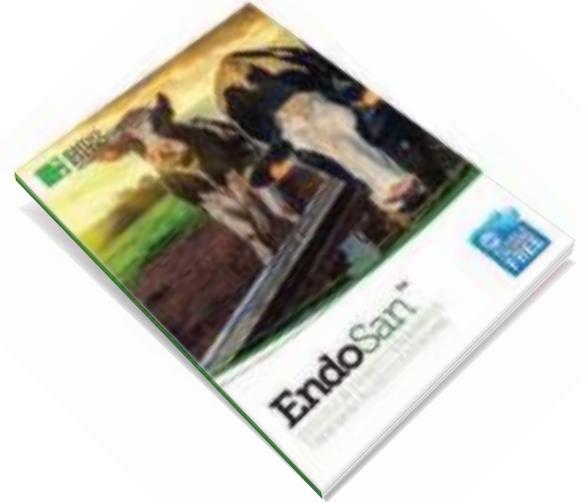


"Since changing from chlorine dioxide to EndoSan dosing on our irrigation system we have seen a fantastic improvement in our water quality. The EndoSan dosing system is cost effective, easy to use, with no pH control needed and very little maintenance. We are planning to expand our use of this system throughout our whole site irrigation before the end of the year and will also include the use of it to disinfect all of our trays and equipment"

- Leading Brassica Grower

EndoSan for Livestock Farming

The modern farmer faces a constant battle against new pathogen borne diseases and is having to fight it with fewer biocides in the armoury. With the introduction of stricter regulations, many traditional biocides can no longer be used and need to be replaced by an alternative, powerful, environmentally acceptable disinfectant.



APPLICATION AREAS

- DISINFECTION OF ANIMAL DRINKING WATER
- REMOVAL OF BIOFILM IN DRINKING WATER SYSTEMS
- SURFACES, FLOORS, WALLS AND EQUIPMENT
- CLAW AND HOOF HYGIENE
- ENCLOSURE/HABITAT FOGGING
- EGG PRODUCTION FACILITY BIOSECURITY
- AQUACULTURE - SEA LICE, AGD, SAPROLEGNIA

EndoSan disinfection is a very safe and effective method for removing the risk of parasites, bacteria, fungi and viruses. It can be used for infection control, algal growth prevention and biofilm removal as well as for sterilising rinse and washing waters. Using EndoSan to provide a sterile drinking-water supply to animals encourages growth, reduces stress and allows the development of healthy animals. Sterile water also allows vitamins and medicines to be delivered more easily, and ensures that there is no possibility of ingress for pathogens and viruses that could increase mortality.

APPLICABLE DELIVERY METHODS



“We trialled EndoSan over a two year period (5 crop cycles) at two sites, each with 8 sheds. EndoSan was dosed into sheds 1-4 on each site and sheds 5-8 where not treated. The weight gain per crop was between 8-10 tonnes based on the additional weight per bird and the reduced mortality rate (equivalent to 1500 extra birds per crop). This extra weight provides an extra income as high as £10,000 per crop.”

- UK Poultry Producer

EndoSan for Food and Beverage

EndoSan is the perfect disinfectant to be used in the food and beverage industry as it safeguards product quality and extends shelf life. It also reduces operational and maintenance costs for the processors and manufacturers.



APPLICATION AREAS

- FOOD PRODUCTION AND PACKAGING
- BEVERAGE PRODUCTION AND BOTTLING
- DISPENSE SYSTEM HYGIENE
- FOOD PREPARATION AND SURFACE DISINFECTION
- MEMBRANE AND FILTER DISINFECTION

EndoSan provides unrivalled protection against microbial threats but unlike other more conventional disinfectants, EndoSan leaves no residual taints as it is odourless, colourless and tasteless, meaning that products reach customers at the quality they were intended.

Water quality is critical in both food and beverage production. Unlike many of its competitors EndoSan removes biofilm whilst also offering no corrosive threat to equipment and materials.

EndoSan forms no harmful by-products, degrading into water and oxygen. This improves the produce for the consumer with a reduced risk of exposing the work force to potentially harmful chemicals.

With less maintenance and downtime, reduced water consumption, longer shelf life in treated products and no requirement for expensive neutralisation chemicals, EndoSan offers a healthy return on investment.

APPLICABLE DELIVERY METHODS



EndoSan for Healthcare

Healthcare facilities throughout the UK are under increasing pressure to conform to their legal requirements for managing their water, air, equipment and environmental hygiene. The correct choice of disinfection protocol is fundamental where high numbers of patients with low immunity are open to infection.

Based on more than 30 years of research, analysis, case studies and reports from around the world, EndoSan is a scientifically proven, highly efficient, biodegradable, medical grade disinfectant.



APPLICATION AREAS

- HOSPITAL WARDS
- WALLS, FLOORS & SURFACES
- OPERATING THEATRES
- SURGICAL ROOMS & EQUIPMENT
- DENTAL EQUIPMENT
- BIRTHING POOLS
- WATER TREATMENT
- AIR CONDITIONING
- ENVIRONMENTAL DECONTAMINATION
- MEDICAL DEVICE DISINFECTION

EndoSan ensures a high level of medical hygiene with proven efficacy against micro-organisms including C.Diff, MRSA, Legionella, E-Coli, Adenovirus, Polio, Pseudomonas and Norovirus. A fully detailed efficacy data file is available upon request.

Effective cleaning and disinfection of reusable medical devices is critical in a healthcare environment as inadequate treatment can cause cross-contamination.

EndoSan is totally non-corrosive with no harmful residuals or by-products, make it the ideal alternative for chlorine, peracetic or thermal disinfection.

APPLICABLE DELIVERY METHODS



WE ACCEPT



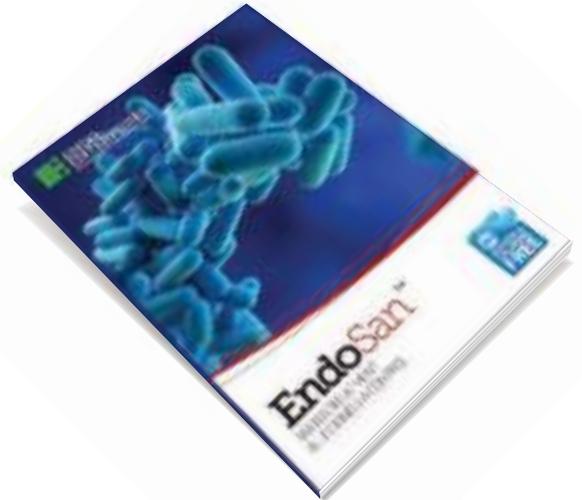
PURCHASE ORDERS

EndoSan for Water Treatment

EndoSan is a highly effective water treatment solution which is a truly credible alternative to traditional chlorine disinfection methods. It will physically remove biofilms whilst being non-toxic, non-corrosive and will maintain its efficacy at a wide range of temperatures and pH values. Odourless, colourless and tasteless, EndoSan lends itself to many applications in the field of water treatment. Uniquely, EndoSan has drinking water disinfection approval in various EU states.

APPLICATION AREAS

- LEGIONELLA CONTROL
- POTABLE WATER TREATMENT
- WASTE WATER TREATMENT
- PIPELINE & DISTRIBUTION SYSTEMS



LEGIONELLA CONTROL

Although temperature control has been the UK's longest-serving means of controlling the growth and proliferation of Legionella in hot and cold water systems, there are other factors, including major rises in energy costs that warrant the use of biocides. In 2000, the HSE's new 'L8' guidelines took this into account, giving equal weight to both temperature regimes and biocides, such as chlorine dioxide, as control methods.

When the Health and Safety Executive (HSE) published HSG274 (Part 2), the most recent guidelines on the control of Legionella in hot and cold water systems, they for the first time recognised the use of silver hydrogen peroxide (SHP) as an alternative biocide to more traditional chlorinated water treatments.

EndoSan has many case studies from throughout the UK where zero CFU/ml have been shown post installation. With independently proven, unrivalled efficacy data for biofilm removal and legionella control, EndoSan is safe, environmentally acceptable and can be dosed in very low concentrations for a complete, cost effective solution. In addition to this, the constant dosing of EndoSan allows substantial energy savings and reduction in health risks by removing the requirement for thermal disinfection.

We offer a full range of dosing systems for use with EndoSan along with the specialist technical assistance to assess and design the most effective legionella control solution in the market.



POTABLE WATER

The use of Hydrogen Peroxide (H₂O₂) as a disinfectant in potable water treatment is well documented around the world and has been practiced for over 20 years. EndoSan now boasts Drinking water approvals in Belgium, France and The Netherlands.



The double action of lowering THM levels and removing biofilm greatly improves the overall quality of the water lowers the risk of illness to consumers of contaminated water.

WASTE WATER TREATMENT

Many sewage treatment plants operate in excess of their design capacity resulting in poor plant performance, increased maintenance and a discharge rate which fails to meet consent. EndoSan offers many benefits in this area such as:

- Increases DO (dissolved oxygen) levels
- Decreases BOD (biological oxygen demand)
- Decreases COD (chemical oxygen demand)
- Decreases TSS (total suspended solids)
- Decreases H₂S (Hydrogen Sulphide) levels
- Sludge de-watering
- Meets or exceeds stringent environmental and health & safety standards

PIPELINE & DISTRIBUTION SYSTEMS

EndoSan offers a new solution to the current methods used for pipeline disinfection in the UK. Using EndoSan avoids the use of high concentrations of chlorine based products, such as sodium hypochlorite.

EndoSan is totally non-corrosive to the system or the delivery equipment and requires less contact time to achieve the bacterial reduction or kill time. It also prevents the waste of thousands of tonnes of water, used every day, to flush the pipes of residual Hypochlorite in order to reduce the concentration down to approved levels as set by the DWI (Drinking Water Inspectorate UK).

As a leave in place disinfectant EndoSan will reduce the time on site avoiding the need to fill and flush pipelines of heavily chlorinated water. Its environmentally sound credentials also means the disinfection water used on the pipeline will not need to be neutralised before safe disposal, which will save considerable time and expense.

APPLICABLE DELIVERY METHODS



EndoSan for Sports and Leisure

A health club's top-of-the-line fitness equipment, can be a draw for new members, but ensuring it is kept aesthetically and bacterially clean is a critical responsibility.

The spread of germs and viruses through contact with water and equipment is a serious health concern. Oil and dirt left behind by users on gym equipment can quickly spread viruses such as MRSA whilst water and surfaces in and around swimming pools can carry disease & infection.

APPLICATION AREAS

- SWIMMING AND HYDROTHERAPY POOLS
- HOT TUBS, SAUNAS AND SPAS
- ICE/SPORTS BATHS
- SURFACE AND CHANGING ROOM DISINFECTION
- MEDICAL ROOMS AND EQUIPMENT



AS USED BY:



All premises that contain any purpose built water systems, such as cooling towers, swimming pools, hot and cold water systems require well planned water treatment disinfection and shared equipment and surfaces that come into direct skin contact should be cleaned regularly to minimise risk.

EndoSan is a superior disinfectant that it is environmentally-friendly and has the ability to remove biofilm in a safe, non-toxic and ecological way. It can be used for a multitude of applications and uses an innovative 'green' biocide that allows Facility Managers of training grounds, stadiums and medical departments to save money as well as improving their organisation's environmental profile. EndoSan is a water-based, infection control solution that is safer, more cost-effective and user-friendly than chlorine.

APPLICABLE DELIVERY METHODS



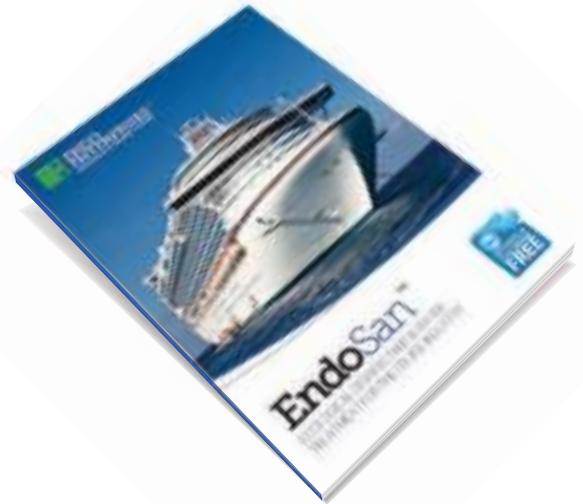
"The water quality in the ice baths, used by over 2500 athletes during the London 2012 Olympics was protected by EndoSan. The tested water passed 64 tests a day (carried out by staff and representatives from Dept. of Health) with zero reported athlete infections. Thereafter, regular water testing was carried out by the Department of Health, of which passed 100%. As EndoSan passed all water quality tests this meant that all provided baths were able to be kept in operation throughout the games."

- Ice bath supplier, London 2012

EndoSan for the Maritime Industry

With over 20 million people taking cruises in the last 12 months, the pressure on the health and safety of passengers has never been greater.

With its unrivalled ability to effectively kill a broad spectrum of micro-organisms including Norovirus, MRSA, Legionella and E-coli, EndoSan is proving to be the multi-application, disinfectant of choice for the maritime industry.



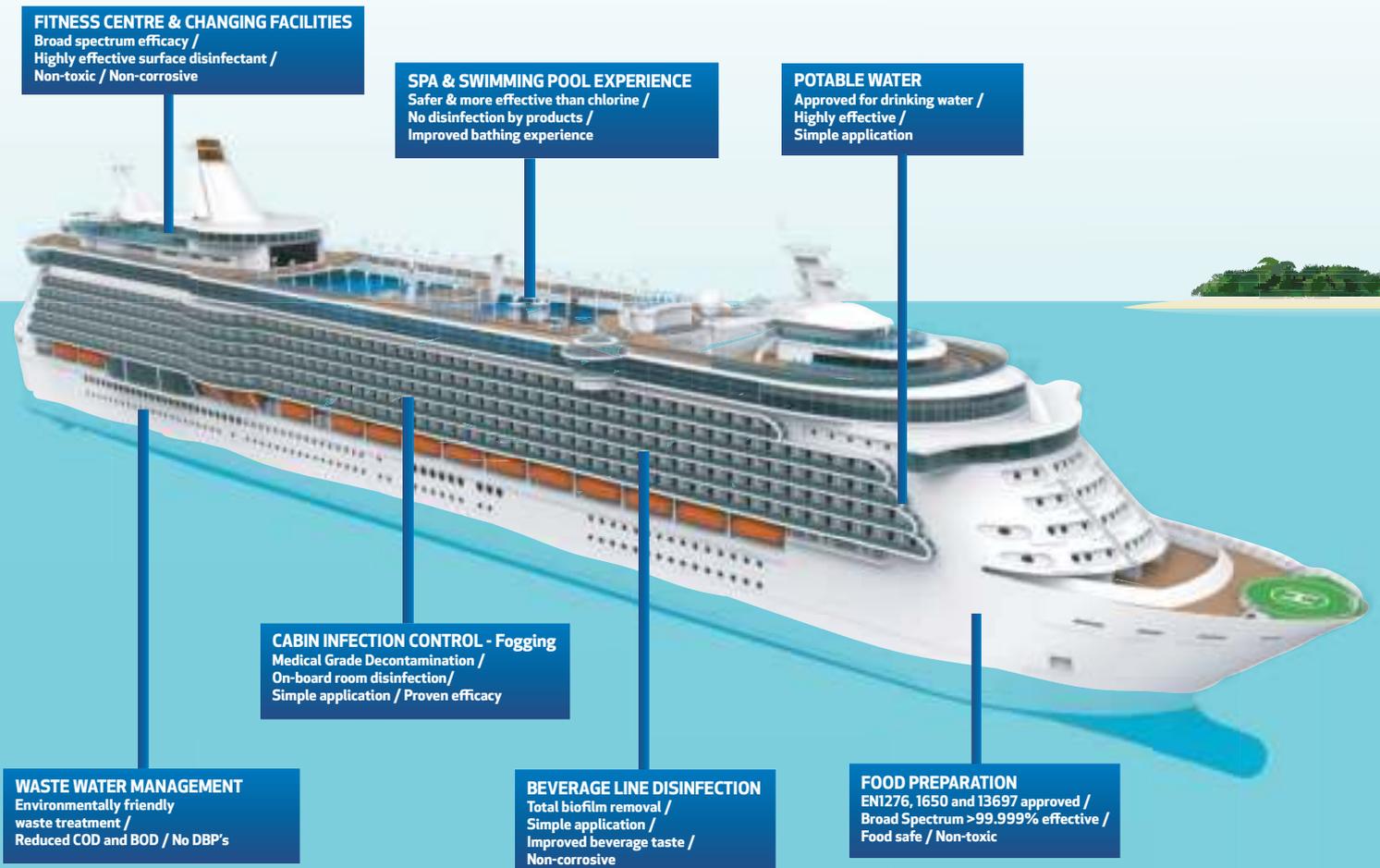
APPLICATION AREAS

- DRINKING WATER DISINFECTION
- LEGIONELLA CONTROL
- SPA & SWIMMING POOL DISINFECTION
- CABIN INFECTION CONTROL
- FACILITIES & EQUIPMENT DISINFECTION
- WASTE WATER MANAGEMENT
- FOOD PREPARATION
- BEVERAGE LINE DISINFECTION

APPLICABLE DELIVERY METHODS



The diagram below shows some of the applications for EndoSan aboard a cruise liner.



EndoSan®

EURONORM (EN) STANDARD EFFICACY DATA

The efficacy of EndoSan was tested to EuroNorm (EN) standards by a world leading inspection, verification, testing and certification body recognised as the global benchmark for quality and integrity.

To be approved in accordance with each EN standard, the concentration of the test organism must be reduced to a certain level (a log reduction) within the required time frame. Log reduction provides a quantitative measurement describing what percentage of the contaminants which were present when the test began were killed during the test.

Tests were carried out using a 2% concentration of EndoSan

BS EN 1276:2009 Quantitative Suspension Test of Bactericidal Activity of Chemical Disinfectants (Dirty Conditions)

TEST ORGANISM	TYPICAL PASS RATE	ENDOSAN PASS RATE
<i>Pseudomonas aeruginosa</i>	5 log reduction	> 5 log reduction
<i>Staphylococcus aureus</i>	5 log reduction	> 5 log reduction
<i>Escherichia coli</i>	5 log reduction	> 5 log reduction
<i>Enterococcus hirae</i>	5 log reduction	> 5 log reduction
<i>Salmonella typhimurium</i>	5 log reduction	> 5 log reduction

BS EN 1650:2008 Quantitative Suspension Test for the Evaluation of Fungicidal Activity of Chemical Disinfectants

TEST ORGANISM	TYPICAL PASS RATE	ENDOSAN PASS RATE
<i>Candida albicans</i>	4 log reduction	> 4 log reduction
<i>Aspergillus niger</i>	4 log reduction	> 4 log reduction

BS EN 13697:2001 Quantitative Surface Test for the Evaluation of Bactericidal Activity

TEST ORGANISM	TYPICAL PASS RATE	ENDOSAN PASS RATE
<i>Pseudomonas aeruginosa</i>	4 log reduction	> 4 log reduction
<i>Staphylococcus aureus</i>	4 log reduction	> 4 log reduction
<i>Escherichia coli</i>	4 log reduction	> 4 log reduction
<i>Enterococcus hirae</i>	4 log reduction	> 4 log reduction

BS EN 13697:2001 Quantitative Surface Test for the Evaluation of Fungicidal Activity

TEST ORGANISM	TYPICAL PASS RATE	ENDOSAN PASS RATE
<i>Candida albicans</i>	3 log reduction	> 4 log reduction
<i>Aspergillus niger</i>	3 log reduction	> 4 log reduction

Perfectus Biomed Room Disinfection Tests - Fogging report

TEST ORGANISM	ORIGINAL LOG COUNT	POST DISINFECTION LOG COUNT
<i>Staphylococcus Aureus (MRSA)</i>	Log 8 10 ⁸	NO VIABLE COUNT
<i>Aspergillus Brasiliensis</i>	Log 6 10 ⁶	NO VIABLE COUNT
<i>Bacillus Cereus</i>	Log 4 10 ⁴	NO VIABLE COUNT
<i>Salmonella Enteritidis</i>	Log 8 10 ⁸	NO VIABLE COUNT
<i>Candida Albicans</i>	Log 7 10 ⁷	NO VIABLE COUNT

BS EN 13623:2010 Bacterial Activity against *Legionella pneumophila* (Conducted by TNO. 3% concentration of EndoSan)

TEST ORGANISM	TYPICAL PASS RATE	ENDOSAN PASS RATE
<i>Legionella pneumophila</i>	4 log reduction	> 5 log reduction

Competitor comparison

	PRODUCT DESCRIPTION	MECHANISMS OF ACTION	GERMICIDAL EFFICIENCY	GAPS IN ACTIVITY SPECTRUM	HEALTH & SAFETY PROFILE	ENVIRONMENTAL PROFILE	MATERIAL COMPATIBILITY
EndoSan	H ₂ O ₂ + Ag	Oxidation of DNA/RNA of microbes	Wide germicidal range. Effective biofilm remover	None	Non-toxic	Completely biodegradable (breaks down into H ₂ O and O ₂)	Not corrosive
CHLORINE COMPOUNDS	Hypochlorites (e.g. bleach) or N-chloro compounds	Oxidation of SH-groups of vital enzymes. Denaturation of proteins.	Wide germicidal range, but not effective in treating and removing biofilm	Efficacy depends on T, pH and organic matter	Very toxic THM production (carcinogenic)	Very little biodegradability Must be neutralised before putting to drain.	Extremely corrosive to metals, rubbers and fabric
CHLORINE DIOXIDE	ClO ₂	Oxidation and denaturation of proteins.	Wide germicidal range, but not sporicidal. Not effective biofilm remover	Efficacy depends on T	Carcinogenic and genotoxic Toxic by-products formed (e.g. chlorate, chlorite)	Biodegradable Must be neutralised before putting to drain.	Corrosive
QUATS	Quaternary ammonium compounds (e.g. benzalkonium chlorides)	Denaturation of proteins and inactivation of enzymes	Limited germicidal activity, only effective against Gram+ bacteria, enveloped viruses and fungi Not effective biofilm remover	Efficacy depends on T, pH, soil contamination and water hardness	Low toxicity No toxic by-products	Slowly biodegradable Problems associated with chemical in waste water	Only corrosive at high concentrations, but generally compatible with all types of materials
ALDEHYDES	Formaldehyde Glutaraldehyde	Alkylation SH-groups of proteins Denaturation of proteins	Wide germicidal range, but not effective biofilm remover	Efficacy depends on T, pH and organic matter	Highly toxic (FA is carcinogenic) FA forms chloromathylether (carcinogenic)	Readily biodegradable Must be neutralised before putting to drain	Not corrosive
PEROXIDES	H ₂ O ₂	Oxidation of DNA/RNA of microbes (20 times less effective than EndoSan)	Wide germicidal range effective biofilm remover	Short-term efficacy	Non-toxic	Completely biodegradable (breaks down into H ₂ O and O ₂)	Corrosive

Also available

We also supply a range of dosing and delivery equipment (e.g. dosing pumps, drum pumps and fogging devices) to assist and maximise the delivery of EndoSan in any given application. Please contact the team should you have any questions or an enquiry as to how best to implement EndoSan in a specific application.



EndoSan®

THE MOST ADVANCED SILVER STABILISED HYDROGEN PEROXIDE PRODUCT ON THE MARKET

The EndoSan range of products are used for disinfection purposes in a wide variety of applications and are proving to be extremely popular across many market sectors, including Food and Beverage, Sports & Leisure, Cosmetics & Pharmaceutical, Water Treatment, Agriculture, Medical & Nursing, Cooling Towers, Fish, Meat, Poultry, Food Processing, Drinking Water, Swimming Pools, Sewage Treatment and many more.

You may find the data displayed below of use when considering EndoSan to meet your disinfection requirements. Don't hesitate to contact us should you require any further information.

	500ML	1LTR	5 LTRs	10 LTRs	20 LTRs	IBC 1000 LTRs	
EndoSan³	Product Number	25-03-SPR	25-03-001	25-03-005	25-03-010	25-03-020	25-03-IBC
	Barcode (GTIN-13)	5060358050480	5060358050107	5060358050022	5060358050398	5060358050190	5060358050381
	Weight	0.5 kg	1 kg	5 kg	10 kg	20 kg	1000 kg
	Dimensions (L x W x H) mm	115 x 60 x 235	80 x 80 x 220	182 x 162 x 242	230 x 198 x 310	290 x 255 x 390	1200 x 1000 x 1155
	Full pallet qty	900	660	160	75	28	1
EndoSan⁵	Product Number	-	25-05-001	25-05-005	25-05-010	25-05-020	25-05-IBC
	Barcode (GTIN-13)	-	5060358050138	5060358050039	5060358050404	5060358050206	5060358050411
	Weight	-	1 kg	5 kg	10 kg	20 kg	1000 kg
	Dimensions (L x W x H) mm	-	80 x 80 x 220	182 x 162 x 242	230 x 198 x 310	290 x 255 x 390	1200 x 1000 x 1155
	Full pallet qty	-	660	160	75	28	1
EndoSan²⁰	Product Number	-	-	-	25-20-010	25-20-020	25-20-IBC
	Barcode (GTIN-13)	-	-	-	5060358050237	5060358050213	5060358050428
	Weight	-	-	-	11 kg	22 kg	1100 kg
	Dimensions (L x W x H) mm	-	-	-	230 x 198 x 310	290 x 255 x 390	1200 x 1000 x 1155
	Full pallet qty	-	-	-	75	28	1
EndoSan⁵⁰	Product Number	-	-	-	25-50-010	25-50-020	25-50-IBC
	Barcode (GTIN-13)	-	-	-	5060358050374	5060358050053	5060358050442
	Weight	-	-	-	12 kg	24 kg	1200 kg
	Dimensions (L x W x H) mm	-	-	-	230 x 198 x 310	290 x 255 x 390	1200 x 1000 x 1155
	Full pallet qty	-	-	-	60	28	1



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