



Virkon®
THE ULTIMATE HIGH LEVEL
SURFACE DISINFECTANT

**Virkon® high level medical disinfectant
- cleans and disinfects in one step**

**Independently proven efficacy against
over 200 viral, bacterial and fungal pathogens**



The miracles of science™

Virkon®

THE ULTIMATE HIGH LEVEL SURFACE DISINFECTANT



hygiene in the patient environment

Virkon® proven effective...

- through independently proven efficacy data against a wide range of bacterial, viral and fungal human pathogens
- for infection control on clinical and patient environment surfaces in healthcare establishments such as hospitals, clinics, residential homes and dental surgeries
- without toxic fumes; a unique combination of efficacy and user safety.
- on surfaces in clinical, laboratory and patient or public environments

Virkon® is a reliable broad spectrum high level disinfectant which combines effectiveness, with ease of use and exceptional safety and environmental profile.

Virkon® is extremely easy to use. Ideal for maintaining a hygienic environment to reduce the transmission of pathogenic micro-organisms through contact with surfaces and equipment.

General Description

Virkon® is a unique formulation that combines cleaning and disinfection in one action. Active solution is produced by dissolving tablets or powder in water.

Virkon® has an in-built dye indicator of activity which helps users monitor the use-life up to 5 days after activation.

Virkon® solution is effective under dirty conditions allowing one-step cleaning and disinfection through high tolerance of organic challenge.

Virkon® powder can be applied directly to body fluid spills, including urine, for rapid disinfection prior to disposal.

Virkon® solution has a low toxicity, does not cause sensitisation and is biodegradable.

Virkon® is rapidly effective killing 99.999% of micro-organisms in less than 10 minutes, even in the presence of organic matter.

laboratory disinfection



Easy to prepare, accurate dosing

Simple, accurate dosing from tablets and, pre-weighed sachets makes a single in-use concentration for convenience and assurance. Correct dosing can be checked by test strip.

Applications

- Routine disinfection of hand-touch surfaces in patient and clinical environments such as hospital wards, clinics and GP surgeries.
- Disinfection of patient equipment.
- Clean down and disinfection of critical clinical facilities such as operating theatres, accident & emergency departments and dental surgeries.
- Routine disinfection of hotel service areas within the healthcare system such as toilets, bathrooms, kitchens and catering facilities.
- Decontamination of laboratory facilities and equipment such as benches, centrifuges, cabinets, pipette discard jars, etc.
- Routine disinfection of dental chairs and surfaces between patients.
- Body fluid spills.

Mode of action

Potassium peroxymonosulphate, a peroxygen compound, oxidises proteins in bacteria cell walls and viral structures disrupting their physical structure and therefore viability as pathogens.

Proven Efficacy

Virkon® is independently proven effective against over 200 viral, bacterial and fungal pathogens which cause infections in man and animals. Registered by government authorities world-wide such as EPA in USA and regulated under the Biocidal Products Directive in the EU.

Broad Spectrum Efficacy

Virkon® enables rapid, high level disinfection of surfaces contaminated with blood-borne viruses such as Hepatitis and HIV, Norovirus (Winter Vomiting Disease or SRSV's), Coronaviruses (SARS) gram negative and positive bacteria (E. coli and Staphylococcus - MRSA strains) and fungi.

Safety Profile

Virkon® has been formulated with components that combine high performance with user safety and, as a result, Virkon® has a low acute toxicity, does not cause skin corrosion and does not display sensitising properties according to standard OECD and EU tests.

Virkon® is formulated with inorganic components that degrade leaving simple salts of no environmental significance. The organic components are classified as readily biodegradable according to standard OECD and EU tests.



emergency services

Infection Control... Safely with Virkon®

Virkon® is a global leader in management and prevention of surface transmitted infectious diseases. Through established broad efficacy against micro-organisms with outstanding user safety, Virkon® is undoubtedly the disinfectant of choice world-wide.

Efficacy data

Virkon® has been proven effective against a wide variety of viruses, bacteria and fungi. Organisms of most relevance to human health are shown opposite. Other testing has shown that Virkon® is effective against a total of 20 virus families, 43 bacterial genera and 27 fungal genera. The testing was performed by independent laboratories to internationally recognised standards.



dental surgeries



Key human infectious disease pathogens

Viruses

Family	Example(s)	Family	Example(s)
Herpesviridae	Herpes Simplex	Caliciviridae	Norwalk-like viruses
Adenoviridae	Human Adenovirus	Coronaviridae	SARS virus
Picornaviridae	Polio Type 1	Paramyxoviridae	Parainfluenza virus
Hepadnaviridae	Hepatitis B	Retroviridae	HIV Type 1
Flaviviridae	Hepatitis C	Togaviridae	Rubella

Bacteria

E. coli 0157	Legionella	Listeria
Salmonella	Campylobacter	Klebsiella pneumoniae
Streptococci	Pseudomonas	Shigella
Staphylococci (inc.MRSA)	Clostridium sporogenes	

Fungi

Candida albicans	Trichophyton	Saccharomyces	Aspergillus niger
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Full details of the test results are available on the website www.relyon.dupont.com or by contacting DuPont RelyOn Prevention Solutions

Presentations

Available in tablets or powder, Virkon is packaged appropriate to the usage and situation.

Pack Size	Usage	Quantity of Virkon®
5kg Drum	General use	500 litres
500g Shaker Pack	Body fluid spillages	50 litres
50gm Sachet	Single use pack	5 litres
5gm Tablet	Spray application	500ml

- Convenient, economic, flexible and accurate dosing.
- Tablets in spray bottle for wipe down of small surface areas.
- Bulk powder for large scale application or fogging.
- Shaker pack for direct application to body fluids, including urine (no chlorine evolved).
- Sachets for medium volume solutions in laboratories (discard jars etc).

For further information and literature please contact:

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