

RelyOn™ Virkon®



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 |
|------------------|--------------|---------------|-------------------|

Full details of the test results are available on the website www.relyon.dupont.com or by contacting RelyOn Technologies

Presentations

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

| Pack Size | Usage | Quantity of RelyOn™ 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, safe, 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).



RelyOn™ Virkon®
THE ULTIMATE HIGH LEVEL
SURFACE DISINFECTANT

**RelyOn™ 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™



For further information and literature please contact:

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Distributed by:

RelyOn™ Virkon®

THE ULTIMATE HIGH LEVEL
SURFACE DISINFECTANT



hygiene in the patient environment

RelyOn™ Virkon® proven effective...

- through independently proven efficacy 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
- with exceptional user friendly with no noxious fumes and unique combination of effectiveness with safety
- on surfaces in clinical, laboratory and patient or public environments

RelyOn™ Virkon® is a reliable broad spectrum high level disinfectant which combines effectiveness, safety and ease of use with environmental compatibility

RelyOn™ Virkon® is extremely safe and 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

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

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

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

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

RelyOn™ Virkon® solution is non-toxic, non-sensitising and biodegradable.

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

Proven Efficacy

RelyOn™ 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

RelyOn™ 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

RelyOn™ Virkon® has no vapour phase and hence no odour. The active ingredient (Potassium peroxydisulphate) has an exceptional safety profile being non-toxic, non-sensitising and is fully biodegradable over time and hence environmentally friendly. RelyOn™ Virkon® is free of aldehydes, phenols and quaternary ammonium compounds.



emergency services

Infection Control... Safely with RelyOn™ Virkon®

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

Efficacy data

RelyOn™ 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 RelyOn™ Virkon® is effective against a total of 20 virus families, 43 bacterial genera and 27 fungal general. The testing was performed by independent laboratories to internationally recognised standards.



dental surgeries