

RelyOn™ Virkon®

The Ultimate High Level **10 Minute** Disinfectant

ALDEHYDE FREE
SAFE & FAST ACTING
NO TOXIC VAPOUR PHASE

Proven Efficacy
Against
Over 200
Viral, Bacterial &
Fungal Pathogens



The miracles of science™



Scanned with CamScanner

www.relyon.dupont.com



Staphylococcus aureus	53	1:100	ATCC 6538	UK	European suspension test	Wound Infection, Septicaemia
Staphylococcus aureus	74	1:100	MRSA Clinical	UK	Surface decontamination trial	Wound Infection, Septicaemia
Staphylococcus intermedius	147	1:200	Noble 4060	UK	AOAC protocol	UTI
Streptococcus lactis	50	1:100		Scotland	Surface test - instruments	Endocarditis, Wound Infection, UTI
Streptococcus pyogenes	50	1:100		Scotland	Surface test - instruments	Pharyngitis, Scarlet Fever
Vibrio cholerae	52	1:400	NIPM 860501 (01)	Taiwan	Modified Kelsey-Sykes	Cholera
Vibrio fluvialis	52	1:400	NCTC 11327	Taiwan	Modified Kelsey-Sykes	Diarrhoea
Vibrio parahaemolyticus	52	1:400	NIPM 871127	Taiwan	Modified Kelsey-Sykes	Vibriosis
Yersinia ruckeri	51	1:100		UK	EN 1276	(Bubonic Plague is a Yersinia species)

Viruses

Group	Genus	Organism	Rep. No	Strain	Country	Comments	Dilution	Env	Disease state/Infection
Adenoviridae	Adenovirus	Adenovirus	52		France	AFNOR T 72-180	1:100	no	Pharyngitis
Arnaviridae	Arnavirus	Lassa fever virus	12		England		1:200	yes	Lassa Fever
Bunyaviridae	Phlebovirus	Rift valley fever virus	18		England		1:400	yes	Rift Valley Fever
		Rift valley fever virus	82	Ar 55171	Nigeria		1:500	yes	Rift Valley Fever
Caliciviridae	Calicivirus	Feline	125		England		1:50	no	Surrogate for Adenoviruses
		Feline calici virus	128	ATCC VR782	USA	USA EPA Approval		no	Surrogate complex
Coronaviridae	Coronavirus	Infectious Bronchitis	131	AOAC standard	USA	Virusidal Spray Test	1:100	yes	Infectious Bronchitis, SARS



		Genus	Organism	Rep. No	Strain	Country	Comments	Dilution	Env	Disease state/Infection
Hepadnaviridae	Hepadnavirus	Hepatitis B virus	52		Thailand	RPIA method	1:100	no	Hepatitis	
		Hepatitis B virus	22		Italy	ELISA assay	1:100	no	Hepatitis	
		Hepatitis B virus	123		UK	HBsAg	1:100	no	Hepatitis	
		Hepatitis C virus	120		UK	Marker molecule assay	1:100	no	Hepatitis	
Herpesviridae	alpha	Herpes Simplex Virus 1	23	Type 1	Japan	Dirty conditions	1:200	yes	Coldsores	
Orthomyxoviridae	Type A	Avian Influenza	132	H5N1	Thailand		1:250	Yes	Avian Influenza	

Preparation

Easy to Prepare. Add the appropriate amount of RelyOn Virkon B stir until the powder has dissolved, leaving a clear pink solution.

For 1% solution - Add 10g of Virkon in 1L of Tap water. Time for disinfection - 10 minutes

For 0.5% solution - Add 10g of Virkon in 2L of Tap water. Time for disinfection - Approx. 25 minutes

For 0.25% solution - Add 10g of Virkon in 4L of Tap water. Time for disinfection - Approx. 45 minutes
(0.25% concentration is recommended for fogging)

Efficacy

RelyOn Virkon is proven effective against all major Viruses ; Bacteria and Fungi. The testing was performed by independent laboratories to internationally recognised protocols. Full details of the results are available on www.relyon.dupont.com or by contacting Dupont.

To Name A Few

Viruses

Hepatitis B, Hepatitis C, HIV(AIDS) , H1N1
Herpes Simplex Virus , Lassa Fever Virus , Polio Virus , Rabies Virus ,
Rubeola(measles) Virus, Vaccinia (smallpox) Virus, Yellow Fever

Bacteria

Bacillus spp., Listeria monocytogenes, Salmonella typhimurium, Campylobacter jejuni,
Staphylococcus aureus, Escherichia Coli 0157 , Clostridium Perfringens,(including MRSA),
Proteus Vulgaris, Streptococcus Pyogenes, Legionella Pneumophila, Pseudomonas
Aeruginosa, , Mycobacterium tuberculosis (use 3% & 20 minutes contact time)

Fungi

Candida (thrush) , Trichophyton (Athletes foot) , Epidermophyton (Ringworm)

Chemical Component

Potassium MonoPer Sulphate (Triple Salt) - 40 - 50%
Sodium C10 -13-alkylbenzenesulfonate - 10 - 20%
Sodium Chloride - 1 - 5%

Certification

Virkon is approved by Environmental Protective Agency (EPA) - USA

Storage & Shelf Life

- Store in cool, humidity controlled conditions
- Shelf life 3 years from date of manufacture
- Container must be tightly re-sealed to preserve integrity of powder
- Virkon 1% solution are stable for 7 days but must be discarded when the pink color fades



NOT FOR MEDICINAL USE
Scanned with CamScanner

RelyOn™ Virkon®

High Level Disinfectant

**Approved By EPA (Environmental Protective Agency)-USA
Cleans & Disinfects In Single Step-No Precleaning Required**

Features

- **Fast Acting-10 Minute Disinfectant**
- RelyOn Virkon has surfactant & cleans & disinfects single step
- The Working Solution is absolutely **SAFE** and has low oral & dermal Toxicity
- Contains **No Aldehyde and No Toxic Vapour phase**
- Contains no phenols or quaternary ammonium compounds
- Rely On Virkon has proven efficacy against Bacteria, Viruses and Fungi in a variety of independent tests using different protocols.
- Rely On Virkon presents no serious long term health risks to staff - obviating the need for costly ventilation equipment and health monitoring.

Application

- Rely On Virkon can be used both for Surface Disinfection & Aerial Disinfection.
- Areas Include - Hospital Complex, Operating Rooms , ICU, Cathlab, Burns Ward, NICU etc
- Hospital Equipment such as OT Lights, OT Table, ICU Beds, Pendants etc.
- Hard Surfaces such as floors, walls, work benches & tops, trolleys, bed frames, sinks & baths.
- Laboratory discard jars
- Laboratory equipment: Automated clinical analysers & centrifuges
- Body fluid spillages: Absorbs blood and urine
- Laundry & bedding : Soak in RelyOn Virkon prior to normal washing
- Fogging : Cleans air when there is risk of airborne infections
- Medical Devices: Decontamination of stainless steel instruments.

Packaging

Available in 100 g ; 500g & 5 Kg jar

In 100g bottle 1 spoon measures 5g.

In 500g & 5 Kg jar 1 spoon measures 10g.

Chemistry

Rely On Virkon is a balanced stabilised blend of peroxygen compounds, surfactant, organic acids and an inorganic buffer system.

Mode Of Action

Potassium peroxymonosulphate, a peroxygen compound, oxidises proteins and other components of cell protoplasm, resulting in inhibition of enzyme systems and loss of cell wall integrity.

