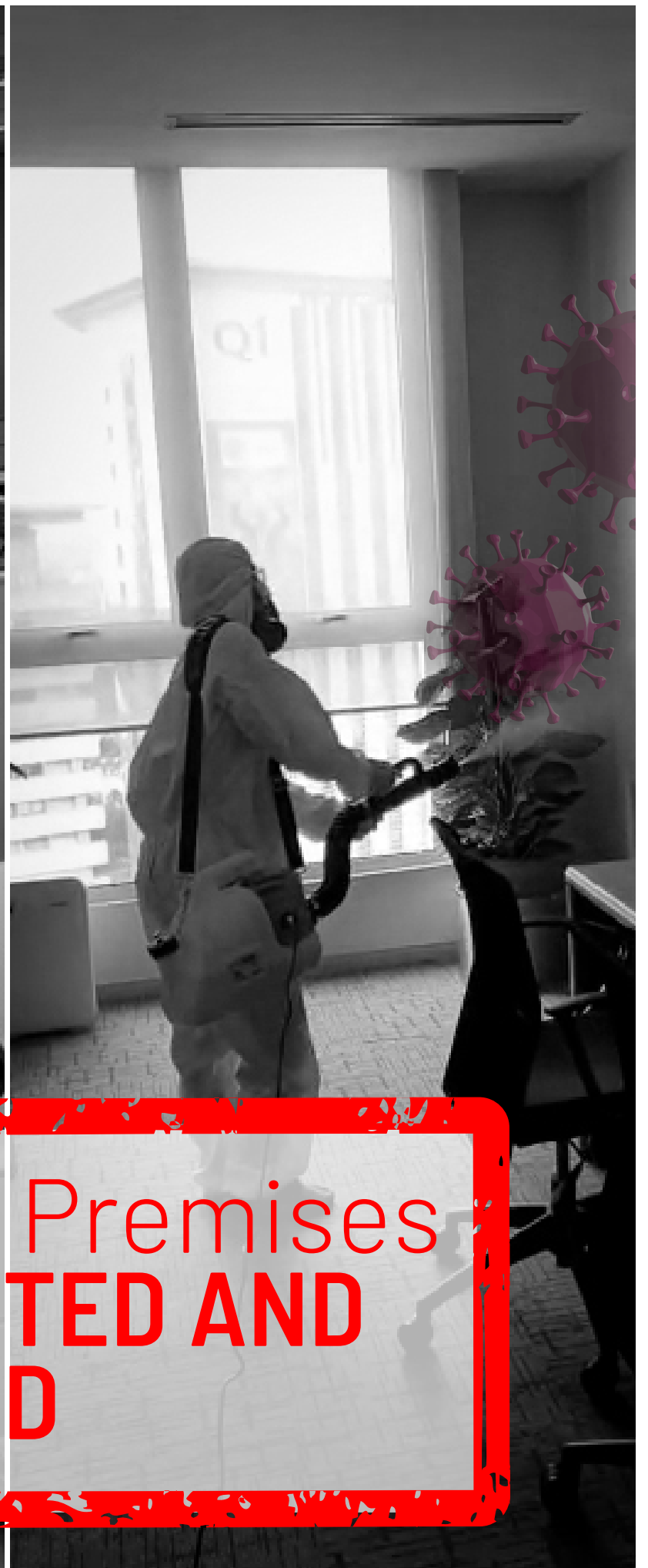


COVID-19 Alert!



Get Your Premises
**DISINFECTED AND
SANITIZED**

BioSecurity
Solutions by



HYGIENIQUE

Pest Control
& Management by

AntiPest



03-8023 1888



016-290 3838



hygienique.com.my



antipest.com.my

Disinfection and Sanitizing Service

Ultra-Low Volume (ULV) misting will be used to apply a unique powerful broad-spectrum disinfectant (**Rely+On™ Virkon™** from the United Kingdom) with extensive efficacy studies, safety testing, and environmental profiles.

It has been used globally for routine disinfection and/or decontamination in various areas such as medical facilities, laboratories, and offices which are scientifically proven against viruses and bacteria.

Why Choose Our Sanitizing Service:

1. Established since 1986
2. ISO 9001:2015 Certified
3. GMP, ISO & HACCP trained technicians
4. Using scientifically proven disinfectant from UK
5. Our specialized teams are ready and can provide the service at any time

introducing

Virkon™
Rely+On™

High Level
Surface Disinfectant
**Virucidal / Bactericidal
Fungicidal**

please refer to summarised technical report overleaf



Hotels & Resorts
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Antec International Limited, Sudbury, Suffolk CO10 2XD, United Kingdom

24 January 2020

Rely+On™ Virkon™ highly effective against Human Coronavirus

As you are aware, Human Coronavirus continues its rapid spread across Europe, China and Southeast Asia, with suspected cases in the UK and Canada. Many authorities have announced screening measures for passengers from China, including the major airport hubs of Dubai and Abu Dhabi.

With no vaccine or other medical treatment currently approved, we are pleased to advise that **Rely+On™ Virkon™** has already received independent evaluation against the virus.

Rely+On™ Virkon™ met the performance requirements specified in the study protocol. The results indicate complete inactivation of Human Coronavirus under these test conditions, as required by the U.S. EPA. Tests were carried and confirmed by independent company ATS labs in 2015.

Rely+On™ Virkon™ achieved complete inactivation of the Human Coronavirus at a 1:100 dilution rate with a 10 minute contact time.

These test results provide independently proven data on the ability of **Rely+On™ Virkon™** to effectively and completely kill the Human Coronavirus rapidly.

Yours sincerely



Anneliese Bischof

Business Director Disinfection

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No. 690279 England

Can **Virkon™ Rely+On™** be used against Coronaviruses?



Virkon™
Rely+On™

High Level
Surface Disinfectant
Virucidal / Bactericidal
Fungicidal

Coronavirus Middle East Respiratory Syndrome (MERS)	ATCC VR- 740	1:100
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The efficacy data supports **Rely+On™ Virkon™** to inactivate Coronavirus associated with the human outbreaks.

ANSWER :
LANXESS has a specific disinfectant **Rely+On™ Virkon™**, for the areas associated with Human Health, which is available through the specialist partners who support the Human Health industry, in each country where the product is registered.

Rely+On™ Virkon™ was widely used during the SARS challenges, the MERS (both coronaviruses) outbreak of 2015 in Saudi Arabia and South Korea, as well as to assist in overcoming the Norovirus in South Korea during the Olympic games.

The exact strain of virus is highly critical to develop medication and vaccines. It is good news that the virus is now already replicated in Australia, where dynamic work will continue to support treatment and prevention remedies. It is true to note that **Virkon™ S** also has efficacy against coronaviruses, as these viruses cross over species, with mammals and birds often affected. The associated coronaviruses with the **Virkon™ S** efficacy are noted in the table below: The proven efficacy is across a wide range of temperature :

VIRUSES							
Group	Genera	Organism	Rep. No.	Strain	Country		Dilution
Coronaviridae	Coronavirus	Infectious Bronchitis Virus	131	AOAC standard	USA	EPA	1:100
	Coronavirus	TGE Virus	8	Strain FS218/83	England	DEFRA method	1:450
	Coronavirus	TGE Virus	71	ATCC VR-783	USA	EPA	1:100
	Coronavirus	Feline infectious Peritonitis	172	ATCC VR-2202	USA	EPA	1:100
	Coronavirus	Canine Coronavirus	175	ATCC VR-809	USA	EPA	1:100
	Coronavirus	Infectious Bronchitis Virus	248	Solvay AH strain Beaudette IB42	USA	EPA	1:100
	Coronavirus	Porcine enteric diarrhoea virus	255	Colorado 2013 isolate	USA	EPA	1:600
	Coronavirus	Infectious Bronchitis Virus	262	Solvay AH strain Beaudette IB42	USA	EPA	1:200
	Coronavirus	Porcine enteric diarrhoea virus	269	Colorado 2013 isolate	USA	EPA	1:200

With the similarities of the main biocide activity of **Virkon™ S** when compared to the **Rely+On™ Virkon™**, it is expected that **Virkon™ S** would inactivate the virus in areas around and outside the Human Health ‘spaces’ when applied at guided dilution rates. If such application were thought necessary for barrier controls, for example – vehicle spays, wheel dips, foot dips etc., or areas outside of medical institutions and associated ‘places of care’ , then we would suggest to default to a 1%, or 0.5% (1 to 100 or 1 to 200) dilution for **Virkon™ S**.

LANXESS will continue to invest with additional efficacy data, as soon as the current virus strain is available for such tests.

Anthony Pearson
Head Technical Marketing for BioSecurity and Hygiene ACD, MPP
29.01.2020

LANXESS
Energizing Chemistry

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Why Virkon™ Rely+On™ is better against COVID19?

- **Broad spectrum:** independently proven highly effective against over 600 strains /clinical isolates of viruses/ bacteria/ fungi.
- Using **Hypochlorous acid chemical** cycle. A very safe and powerful disinfectant against viruses/ bacteria/ fungi esp for coronaviruses if compared to sodium hypochlorite.
- **US EPA certified product.** Means it is safe for use in any environments. Leftover solutions can be discharge directly into the drain.
- **Accredited lab test** report from US which

shows complete inactivation of the MERS coronavirus.

- **Locally used** by two renowned government labs currently handling COVID19 sample screenings (*IMR & MKAK Sg. Buloh*).
- It is a **biocide disinfectant as recommended by WHO** for handling outbreaks. Complete inactivation of viruses/bacteria/fungi upon 10 mins of contact time.
- It doesn't leave residues/coating on your surfaces. Meaning there are no chances for bacteria/virus to acquire pathogen resistance.



**Workstation
Sanitizing**



**Full Gear
Protection**

The World's Trusted
**Bio
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BioChemical Solutions by
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