

Rely+On™ Virkon™

Broad Spectrum Disinfectant

INSTITUTIONAL, FOOD PROCESSING, AND PUBLIC SERVICE FACILITIES

- With Rely+On™ Virkon™, **only one product is needed** to clean and disinfect.
- NSF listing (D1)
- Hospital disinfectant
- Compatible with most hard non-porous surfaces.

Easy to Prepare

Readily soluble in tap water, Rely+On™ Virkon™ dissolves into a yellow solution, which remains stable for up to 7 days, as a 1:100 solution.*

Contact Time: Allow surface to remain wet for 10 minutes.

* Please consult the Rely+On™ Virkon™ product container label for a comprehensive list of organisms & directions for use.

Presentations



Rely+On™ Virkon™ Powder (at a 1% solution)

- 5kg pail – makes 135 gallons (total sq. ft. disinfectant coverage = 18,225 sq. ft.)

**Product Number:
99Z05472**

**Effective against
Norovirus, Influenza
virus, Salmonella
enterica and
Campylobacter jejuni.**

**Efficacious against
prevalent hospital
pathogens such as
MRSA, VRE and RSV.**

**Efficacious against
prevalent food-borne
pathogens such as
Hepatitis A Virus and
E. coli O157:H7.**

MRSA: Methicillin-Resistant Staphylococcus aureus VRE: Vancomycin-Resistant Enterococcus faecalis RSV: Respiratory Syncytial Virus

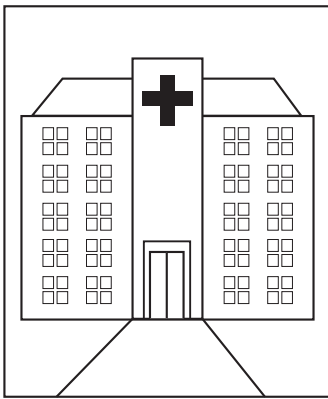
Mode of Action

Rely+On™ Virkon™ oxidizes key structures and compounds, such as proteins, leading to widespread, irreversible damage and subsequent deactivation/ destruction of the microorganism. There is no evidence to suggest that bacterial disease-causing organisms develop resistance towards Rely+On™ Virkon™ as opposed to some other disinfectant types.

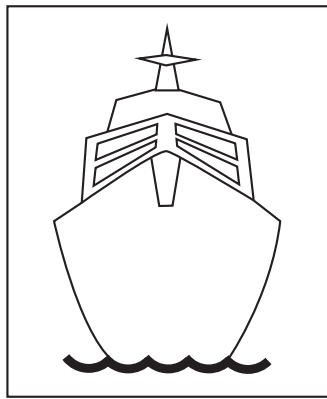
Applications

For use in cleaning and disinfecting hard non-porous surfaces in institutional, commercial and public service facilities including hospitals and nursing homes, field medical units, medical and dental offices, clinics and other healthcare facilities, Emergency Medical Services (EMS) facilities, equipment and gear including respirators, laboratories, schools and daycare centers, food processing plants, equipment and warehouses, correctional facilities, and transportation terminals and vehicles including ships, trucks and trains.

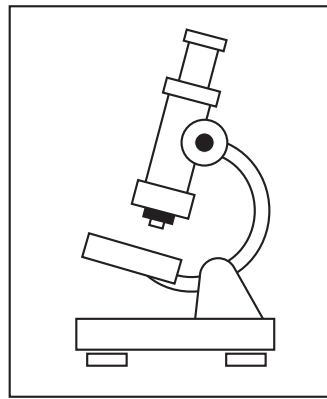
HOSPITALS



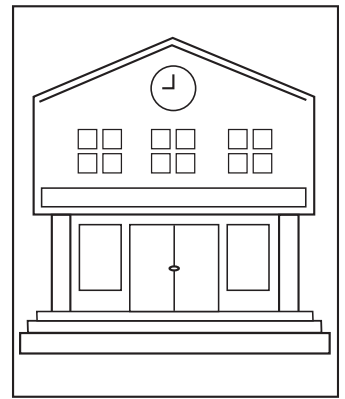
CRUISE SHIPS



LABORATORIES



SCHOOLS



Cleaning and Disinfecting Hard Non-porous Food Contact Surfaces:

- Remove gross dirt and prepare a 1% solution according to the table on page 3.
- Apply to surface using a sponge, brush or spray device until the surface is visibly clean.
- Let stand for 10 minutes and rinse with potable water.



Cleaning and Disinfecting Hard Non-porous Non-Food Contact Surfaces:

- Remove gross dirt and prepare a 1% solution according to the table below.
- Apply to surface using a mop, sponge, brush or spray device until the surface is visibly clean.
- Let stand for 10 minutes and air dry.
- In cases of fungal contamination of non-food contact surfaces, follow these instructions substituting a 2% Rely+On™ Virkon™ solution.

This product is not to be used on any surface or instrument that (1) is introduced directly into the human body, either into or in contact with the bloodstream or normally sterile areas of the body, or (2) contacts intact mucous membranes but which does not ordinarily penetrate the blood barrier or otherwise enter normally sterile areas of the body.



Dilution Table

Choose a product option from the list below		Add the following amount of Rely+On™ Virkon™ to the designated volume of water.				
Rely+On™ Virkon™		1% Use-Diluted Solution				
Metric	Standard	16 oz. (Pint)	32 oz. (Quart)	128 oz. (Gallon)	160 oz. (5 Quarts)	160 oz. (5 Gallons)
5 kg Bucket	176 oz. Bucket	1 tsp.	2 tsp.	8 tsp.	10 tsp.	40 tsp.
2% Use-Diluted Solution						
5 kg Bucket	176 oz. Bucket	2 tsp.	4 tsp.	16 tsp. (1/3 cup)	20 tsp.	1 - 2/3 cups

[tsp=teaspoon] [Tbsp=tablespoon]

Rely+On™ Virkon™ Human Health Pathogen/Disease	
Hepatitis A Virus (HAV)	<i>Shigella sonnei</i>
Hepatitis B Virus (HBV)	<i>Streptococcus pyogenes</i>
Hepatitis C Virus (HCV)	<i>Helicobacter pylori</i>
HIV (AIDS virus)	<i>Klebsiella pneumoniae</i>
Influenza A Virus	<i>Escherichia coli</i> (O157:H7)
Respiratory Syncytial Virus (RSV)	<i>Salmonella typhimurium</i>
Norovirus (Norwalk-like Viruses)	<i>Salmonella enterica</i>
Avian Influenza Virus	<i>Pseudomonas aeruginosa</i>
Pandemic H1N1	<i>Staphylococcus aureus</i>
<i>Bacillus cereus</i>	<i>Staphylococcus epidermidis</i>
<i>Campylobacter jejuni</i>	<i>Methicillin-Resistant Staphylococcus aureus (MRSA)</i>
<i>Chlamydia psittaci</i>	<i>Vancomycin-Resistant Enterococcus faecalis (VRE)</i>
<i>Clostridium perfringens</i>	<i>Candida albicans</i>
<i>Listeria monocytogenes</i>	<i>Trichophyton mentagrophytes</i>

Crisis Scene Disinfection of Hard Non-porous Surfaces:

For bacterial and viral* control: Streptococcus pyogenes, Helicobacter pylori, Klebsiella pneumoniae, Escherichia coli, Salmonella typhimurium, Salmonella enterica, Pseudomonas aeruginosa, Staphylococcus aureus, Methicillin-Resistant Staphylococcus aureus (MRSA), Vancomycin-Resistant Enterococcus faecalis, (VRE), and Staphylococcus epidermidis.

For a 1% solution from powder:

- Remove gross dirt. Refer to dilution chart.
- Fill container with required amount of water and add Rely+On™ Virkon™ powder to achieve solution concentration.
- Cap container and gently shake until powder is dissolved. Apply solution to surface using a sponge, brush, or spray device until the surface is visibly wet.
- Let stand for 10 minutes and air dry.

*Hepatitis A Virus (HAV), Hepatitis B Virus (HBV), Hepatitis C Virus (HCV), and HIV (Human Immunodeficiency Virus (HIV-1) (AIDS virus), Influenza A, Respiratory Syncytial Virus (RSV), Norovirus (Norwalk-like viruses), Avian Influenza Virus.

Not for use with Medical Instruments.

As with any product, use of Rely+On™ Virkon™ in a given application must be tested (including field testing, etc.) by the user in advance to determine suitability.



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To Use as an Absorbent for Blood, Body Fluids, or Vomit:

- Cover soiled area with Rely+On™ Virkon™ powder. Let stand for 10 minutes and scoop into plastic bag and handle as biohazardous waste.
- Follow up with a disinfectant step by applying a 1% Rely+On™ Virkon™ solution (prepared according to dilution chart) to surface using a sponge, brush, or spray device until the surface is visibly wet.
- Let stand for 10 minutes and air dry.
- Bag containing soil must be disposed of as infectious waste.
- When handling items soiled with blood or body fluids use disposable latex gloves, gowns, masks, and eye coverings.

Please consult the Rely+On™ Virkon™ product container label for a comprehensive list of organisms and directions for use.

Health and Safety Information: Appropriate literature has been assembled which provides information concerning the health and safety precautions that must be observed when handling the LANXESS products mentioned in this publication. For materials mentioned which are not LANXESS products, appropriate industrial hygiene and other safety precautions recommended by their manufacturers should be followed. Before working with any of these products, you must read and become familiar with the available information on their hazards, proper use, and handling. This cannot be overemphasized. Information is available in several forms, e.g., material safety data sheets and product labels. Consult your LANXESS Corporation representative or contact the Product Safety and Regulatory Affairs Department at LANXESS.

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Note: The information contained in this publication is current as of June, 2020. Please contact LANXESS Corporation to determine if this publication has been revised.