VIRAL-SHIELD FORTIFIED WITH SILVER AND COPPER NANOPARTICL **LEGIONELLA-X VIRAL-SHIELD MINIMIZES CORONAVIRUS RISKS IN FOOD & BEVERAGE ESTABLISHMENTS**

Legionella-X Viral-Shield provides 99.9998% residual inactivation efficacy against Positive-gram bacteria, Negative-Gram Bacteria and Enveloped Viruses up to 60 days on all inanimate surfaces



Passed Japan Industrial Standard- JIS Z 2801:2010/A1 2012 **Test Method for Antibacterial Activity and Efficacy**















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Introduction

Grappling with the Coronavirus has been a constant learning process for epidemiologists, doctors, patients, governments and individuals. Some things we thought we knew have changed as more data arrives and more countries study its effects.

The coronavirus that causes COVID-19 mainly spreads from person to person. When someone who is infected coughs or sneezes, they send droplets containing the virus into the air. A healthy person can then breathe in those droplets. We may also catch the virus if we touch a surface or object that has the virus on it and then touch our mouth, nose, or eyes.

The coronavirus can live for hours to days on surfaces like countertops and doorknobs. How long it survives depends on the material the surface is made from.

The family of viruses that includes the one that causes COVID-19 can live on some of the surfaces we probably touch every day.

Dining in the wake of Covid-19

Food and beverage business owners have been busy gearing up to reopen for dine-in during phase two of the post-circuit breaker, which could happen before the end of the month.

As Singapore prepares to resume dining in Phase 2 post-circuit breaker allow up to five people a table and this could happen before the end of June - it is time to think about how we can improve hygiene standards.

Most restaurant will be compelled to install plastic shield as a form of physical barrier as shown in the picture below to assure the safety of dinners, however, convid-19 virus will linger on the plastic shield for up to three days once landed after a visit by asymptomatic patient according to a research by Rachel Graham, an epidemiologist at the University of North Carolina, smooth, nonporous surfaces like doorknobs and table tops are better at carrying viruses in general.

In view of the above Legionella-X Viral Shield fortified with silver and copper nanoparticle was developed to provide up to 60 days of residual inactivation against enveloped viruses and bacteria.



Description

Legionella-X Viral-Shield fortified with Silver and Copper Nanoparticles is a potent water-based disinfectant coating specially developed to provide lingering disinfecting effect to on all inanimate surfaces.

It provides up to 60 days disinfecting efficacy on all coated surfaces and is most ideal to be used on sheltered public places and public transports such as MRT Trains, Taxis, Buses, etc.

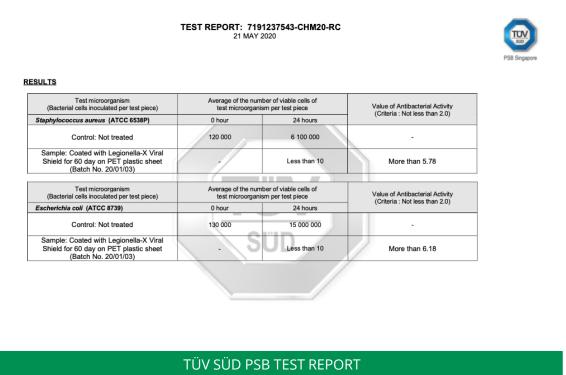
It has a killing efficacy of up to 99.9998% to 99.99994% against positive-gram, negative-gram bacteria and enveloped viruses.

It is non-flammable making it safe to be used in enclosed areas even near hotworking -areas.

Benefits

- Passed JIS Z 2801:2010 /A 1:2012 Test.
- Disinfecting Efficacy up to 99.99994%
- Effectively kills positive-gram, negativegram bacteria, and enveloped viruses
- Provides up to 60 days of disinfecting efficacy for all inanimate surfaces after coated with Viral Shield.
- Non-Flammable
- Water-based facilitates indoor usage.
- Pleasant lingering fragrance.





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Directions for Use

Available Packaging

110ml spray bottle

500ml spray bottle

5, 25 and 200 litres drum.

Apply via fogging and spraying on any inanimate surfaces, gently wipe dry.

Or apply by spraying on a piece of cloth

and wipe it on any desired surfaces.

Typical Properties

Appearance Translucent liquid

Viscosity Free Flowing

Flash Point Non-Flammable

Specific Gravity

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Odour

Mint

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