LEGIONELLA-X

VIRAL-SHIELD FORTIFIED WITH SILVER AND COPPER NANOPARTICLES **LEGIONELLA-X VIRAL-SHIELD MINIMIZES CORONAVIRUS RISKS IN EDUCATIONAL ESTABLISHMENT**

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.

Students returning to classes in the wake of Covid-19

As global lockdowns start to ease, colleges, schools, playschools, and kindergartens will resume their normal activities.

We simply cannot keep our children at home for too long. The impact on their socio-emotional and mental well-being will be serious, hence, attending school will not be optional, and students will have to return to school according to their assigned schedules.

However, many parents globally have raised concerns about sending their children to school in the light of the Covid-19 pandemic.

We know that said institutions will do its utmost best to keep schools safe through means such as health screenings for everyone entering the school, good hygiene practices and safe distancing.

As some children may find it difficult to wear a mask all day, all pre-school and primary school pupils will be given face shields when they return to school in Singapore

In additional to above safety measures, Magna has developed Viral-Shield, a self-disinfecting coating to be applied on all inanimate surfaces and face shield providing up to 60 days of residual inactivation efficacy against enveloped viruses and bacteria.



Description

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

It provides up to 60 days of disinfecting efficacy on all coated surfaces and is most ideal to be used on face shield, plastic shield, etc.

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

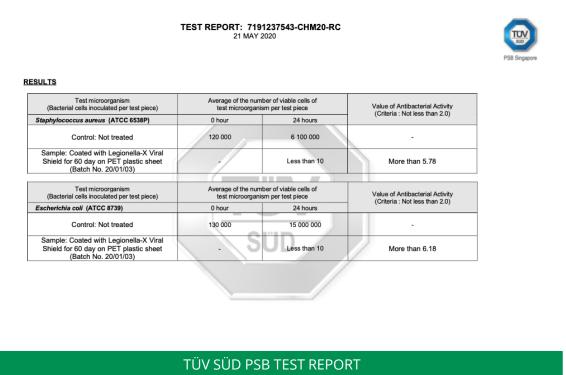
It is non-flammable making it safe to be used in enclosed areas even near hotworking areas.

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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Typical Properties

Appearance Translucent liquid

Viscosity Free Flowing

Flash Point Non-Flammable

Specific Gravity

Odour Mint

Directions for Use

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.

Available Packaging

110ml spray bottle 500ml spray bottle 5, 25 and 200 litres drum.

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