



A PRODUCT OF SINGAPORE

Manufactured by Vetpharm Laboratories (S) Pte Ltd

27 Tuas Avenue 13, #01-25, Singapore 638993

SFA GMP Attestation to Manufacture

ISO 9001:2005 certified

WELCOME TO THE REVOLUTION



WELCOME TO SPICK

Spick is a revolutionary antiseptic formulation for healthcare and hygiene, tailored for Singapore. It is a powerful disinfectant, yet so gentle and non-toxic that it does not harm our children even if accidentally ingested.

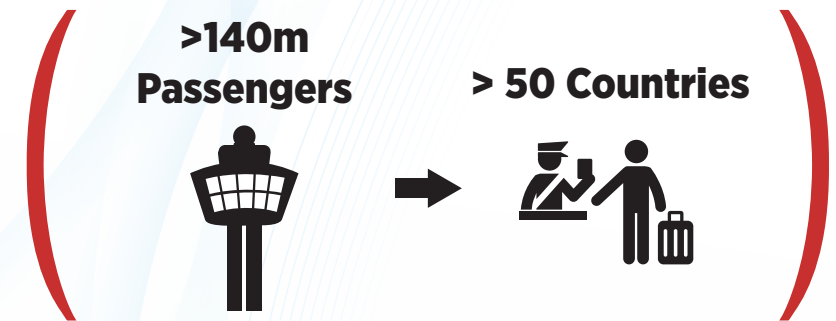
It kills more than 99.99%* of harmful germs affecting on us.

Our unique proprietary formulation, which contains all the strong points of active chlorine, has eliminated all the problems of Chlorine in Spick - this includes corrosiveness, bleaching, pungent smell and irritant effects by formulating it with the addition of various ingredients.



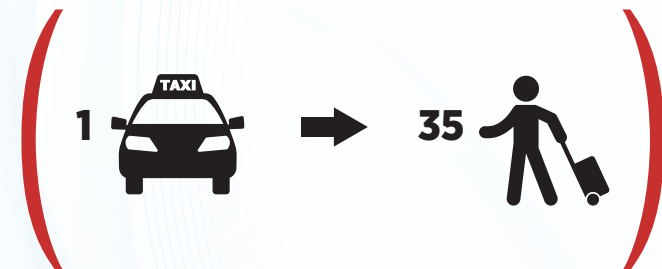
GERMS KNOW NO BOUNDARIES

Each Year:



Adapted from STB Statistics, 2014

Each Day:



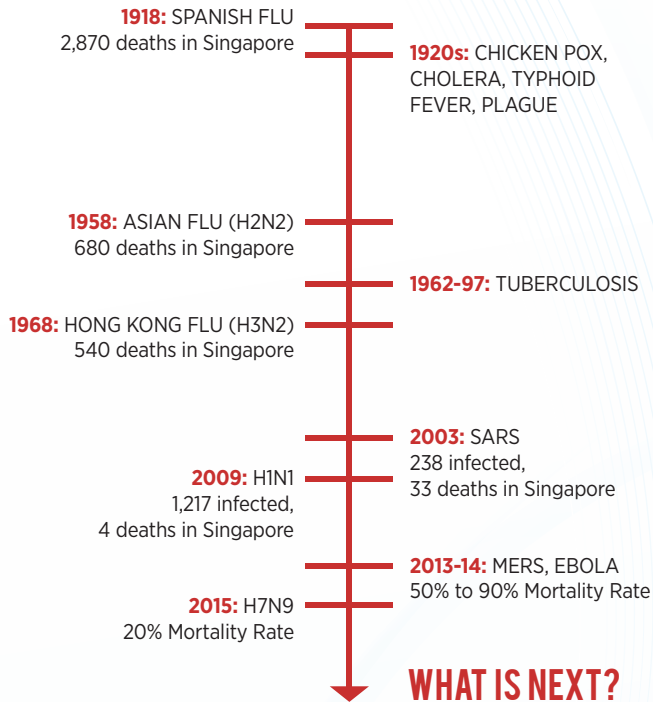
Adapted from LTA Statistics In Brief, 2014

Singapore is one of the most connected cities in the world. Each year, are more than **140 million** passengers from more than **50 countries** traveling to Singapore and vice versa. Passenger volume and diversity means that Singapore is very vulnerable to epidemics.

A taxi driver alone comes into contact with **35 passengers** a day - if any of them carry infectious diseases, the entire vehicle would be infected! **Diseases spread easily** via public transport, as airborne bacteria/viruses can linger in the enclosed space for hours, even with a single sneeze or cough.

Singapore has the **3rd largest population density**, 7,148 people on every 1 km² of land - this makes the human-to-human contact very prevalent, making it one of the best places for any germ to spread and thrive.

OUTBREAK HISTORY



Other common diseases in Singapore include: In 2013:

HFMD: **31,741** cases
Measles: **46** cases
Rubella: **38** cases
Hepatitis A: **88** cases
Hepatitis B: **57** cases
Hepatitis C: **2** cases
Food poisoning : **2,132** cases
HIV/AIDS: **454** cases
Tuberculosis: **2,208** cases

*Adapted from
www.moh.gov.sg*

According to viral ecologist Dr. Mark Young, “We have not even scratched the surface of understanding viruses on this planet. We know of approximately 5,000 viruses so far and estimate that science has seen **less than 0.0002%** of viruses on the planet... There are also an estimated **10^{17} infections per second**”. This means we are constantly under assault from a force we can barely comprehend.

“The only good news from this epidemic is that it can serve as **a wake-up call** to help us prepare for a future epidemic that spreads more effectively than Ebola does. There is a significant chance that a substantially more infectious epidemic will come along over the next 20 years” - Bill Gates

“In large groups of enclosed people who were not allowed out, infectious diseases spread like wildfire. For example, in the 1880s in a workhouse in Kent, it was found that **in a child population of one hundred and fifty-four, only three children did not have tuberculosis.**” - Jennifer Worth

OUR LIFESTYLES TODAY:



When attacked by viruses, the body's immune system defends itself against by producing infection-fighting white blood cells (a.k.a. T-cells), antibodies and pyrogens - this serves as the first line of defense mechanism destroys the virus even before it can reach its host cell.

However, with rapidly changing lifestyles, dense urban populations and close relationships with animals, we are moving closer to the disease's natural habitat. We are exposed to more germs everyday, yet our daily living habits - smoking, drinking, lack of exercise and ample rest, etc. have taken a toll on our immune system. As our defense line weakens, bacteria and viruses can now easily attack our body and infect their host cells.

IT'S ABOUT TIME YOU GET YOURSELF PROTECTED!

SPICK: AN INSURANCE



PREVENTION IS KEY

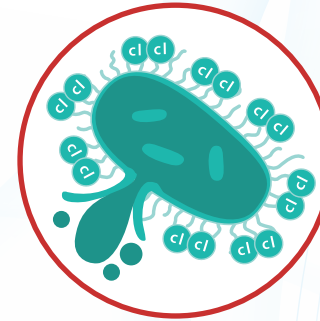
Throughout history, we have always approached pandemic disease control in a reactive and responsive manner. However, as the old saying goes, “prevention is better than cure”. Today, science has crossed the threshold into having organisations and governments recognise the importance of prediction and prevention, to stop deadly bugs before they spread.

While scientists all over the world have stepped up their efforts in disease detection and research to develop new vaccines, there are two simple things we can do by ourselves.

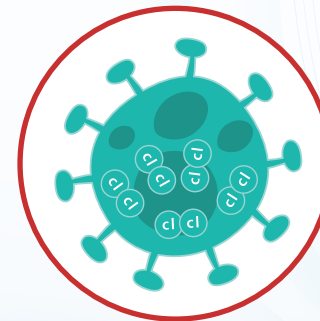
First, **adopt healthier lifestyle habits**: keep a balanced diet with regular exercise to keep your immune system strong.

Secondly, **adopt proper hygiene practices**. Keep these deadly bugs well away from you and your family by doing **proper hand-washing**, sanitizing and disinfecting. Regular sanitising kills 99.9% of germs and serves as the most basic prevention you can have from these germs.

HOW IT WORKS



**DISRUPTING CELL WALLS
CAUSING CELL RUPTURE**



**DISRUPTING NUCLEUS
ACTIVITY AND METABOLISM
OF GERMS – INACTIVATION**

SPICK KILLS > 99% OF HARMFUL GERMS



SPICK is a **alcohol free** product. Suitable as hygienic hand sanitizer and disinfectant. Apply small amount of product onto affected areas. Agitate lightly and let dry for 15 seconds. Rinsing or wiping is optional.

WHAT MAKES **SPICK** UNIQUE



Hypo-allergenic
Suitable for sensitive skin.



Fragrance Free
No harmful fragrance chemicals that irritate eyes, nose & throat.



Deodorizing
Kills and remove the source of odour - bacteria and fungi.



Child-safe
No harmful Alcohol, SLS, SLES, parabens, preservatives, etc.



Non-toxic
No harmful phenols, alcohols or aldehydes. Non corrosive and non bleaching.



Oral-safe
Ingredients can be metabolised by our body, so it is completely safe even if accidentally ingested.

DID YOU KNOW?

To many people, “fragrance” means something that smells nice, but we often don’t realise that these are chemicals. We can smell fragrance because they volatilize into the air, these **volatile organic compounds (VOCs)** cause poor air quality.

Exposure to fragrance chemicals can cause:

- Headaches
- Forgetfulness
- Eye, nose, throat irritation
- Loss of coordination
- Nausea
- And other respiratory or neurotoxic symptoms



Adapted from noharm-uscanada.org

EVER HAD SUCH EXPERIENCES WITHOUT KNOWING THE CAUSE?



Baby having diarrhea?

But you haven’t fed him anything different? It could be because of the chemicals in your wet wipes that they accidentally ingested that is not suitable for your baby!



Dry, scaly hands?

Frequent usage of alcohol-based cleaning and hygiene products may cause your skin to lose moisture and dry out!



Rashes, allergy?

Methylisothiazoline (MI) is commonly used in wet tissues, and the photo on the left shows a real case of long-term usage of wet tissues containing this chemical!



Itchy eye/nose/throat?

It could be the fragrance chemicals in your cleaning product that are causing these irritation.

ARE YOUR **CLEANING PRODUCTS** REALLY SAFE?

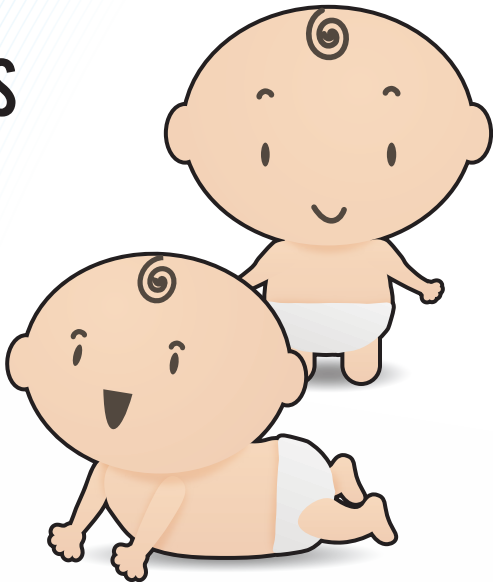
Ingredients in common household disinfectants:

Chemical	Potential hazard
Alcohol	Cause irritation to skin, mucosa; allergic reaction in infants
Parahydroxybenzoate	Preservative; May cause contact dermatitis
EDTA	Causes skin and mucosa irritation, rashes and allergy
Preservative and antiseptic	Used to prevent spoilage but may lead to skin cancer
Propanediol	Cause contact dermatitis
Synthetic surfactant	Causes skin dryness; chronic dermatitis in the long run
Propylene glycol	Causes skin irritation
Methylisothiazoline	Causes dermatitis, contact allergy; skin irritant and sensitizer; highly toxic to cultured neurons
Fragrance, perfume, VOCs	Headaches; forgetfulness; eye, nose, throat irritation; loss of coordination; nausea; and other respiratory or neurotoxic symptoms
Pine oil	May cause eye and throat burning; breathing difficulty; abdominal pain; diarrhea, nausea, vomiting; damage to nervous system
Chlorhexidine	Causes eye and skin irritation; breathing difficulties if ingested
Potassium Carbonate	Causes eye, nose, throat and skin irritation; nausea, vomiting if ingested.

ONE PRODUCT MULTIPLE SOLUTIONS

Parents, fret not!

Our little ones are curious creatures - they like to touch anything, and place virtually anything into their mouths! Who knows how many millions of germs are living on these surfaces? **Spick's** effectiveness guarantees a **germ-free** environment, yet it's completely **non-toxic** formula makes it **100% safe even if curious kiddos spray it into their mouths!**



We understand your needs.

We understand the needs of the **Muslim community** regarding the use of certain alcohol-based products. **Spick** presents a **non-alcohol-based solution** for disinfectant purposes. You can save the hassle of looking up the various alcohols to see if they are allowed under religious standards!



Travelling?

No access to soap and water?

All you need is a few sprays of our **Spick Travel**, and it works the **same as soap and water!** Giving you the **easiest protection from germs** while you're having fun outdoors.



Love a good workout, but hate the stench?

The **deodorizing** ability of **Spick** can help to eliminate the pungent stench of your after-workout gym clothes and shoes (even after you've accidentally left it unwashed for weeks!) Spick also **kills the germs and sweat stench on public gym equipments** so you won't ever have to bear with the smell again!



No more public toilets? Ew!!!

You're out at a hawker centre for a meal, and you need the toilet urgently. You go into the cubicle and a horrible urine stench awaits you. A few sprays of **Spick** into the air can help **sanitize the air and remove the odour immediately**. You no longer have to hold your breath and rush out of the toilet with a look of disgust!

Eat happy, stay healthy.

Mummy always says: "don't eat it, it's dirty!" when you drop a piece of meat on the table at a hawker centre. The cloth that cleaners use are often very filthy. **Even if the rubbish on the table surface are cleared, there are billions of germs still lingering**. Before you sit down to eat, spray the table with **Spick** and wipe it clean, to protect you and your family.



PRODUCTS OF **SPICK**



Disinfectant
spray
[300ml]

Travel
Spray
[60ml]

Disinfectant Spray
Refill Pack
[300ml]

Disinfectant Spray
Refill Pack
[5 Litres]

Used for general disinfecting purposes. It can be used on surfaces of objects, and even directly on to the skin.



Multipurpose
Disinfectant
Spray
[500ml*2]

Multipurpose
Travel
Disinfectant
Spray
[80ml]



Antiseptic
Spray for kids
[60ml]

Wound Wash
for kids
[60ml]

Special formulation for kids.
Reduces stinging or burning when
applied to open wounds.



SPREAD **LOVE**, NOT GERMS