



# The Germ DOCTOR

*With Copper + Alcohol*

Alcohol  
70%

Kills 99.9%  
of Bacteria, Viruses,  
Fungi & Algae

For Personal  
Hygiene & Medical  
uses.

- Hand Sanitiser
- Surface Sanitiser
- Toilet Seat Sanitiser
- Odour Neutraliser

No need for  
water!

Perfect to use when  
out of the home.

For External Use Only.

Hand Sanitiser  
& Multi-Purpose  
Disinfectant  
Mineral Enriched.



# Product Description

Germ Doctor with 70% alcohol and copper is an easy to use, fast & very effective multipurpose hand sanitiser & disinfectant, protecting you and your family against 99.9% germs.

The active ingredient in Germ Doctor with 70% alcohol is a copper-zinc compound. Copper can kill viruses and other germs by disrupting the protective layers of the organisms and interfering with its vital processes.

A new study found that SARS-CoV-2, the virus responsible for the coronavirus pandemic, is no longer infectious on copper within 4 hours, whereas it can survive on plastic surfaces for 72 hours. Germ Doctor protects against a wide range of bacteria, viruses, fungi, algae and spores.

The biggest advantage of Germ Doctor is that it protects you for longer than any other alcohol based product. The reason being that the protection the copper provides does not diminish once it has dried on your skin as with the conventional alcohol based hand sanitisers. It sustains its efficacy for up to 4 hours after applied.

No need for soap and water, The Germ Doctor is a personal hygiene solution for the whole family and can be used as a surface sanitiser, toilet sanitiser and odour neutraliser. Germ Doctor will leave your hands feeling clean, refreshed and not sticky



## Available Sizes:

Hand Sanitising Gel is available in 30ml dropper bottles. Hand Sanitising Spray is available in the following sizes, pending stock of bottles and spray caps and trigger heads.

| Product               | Size                | Bottle | Top                    |
|-----------------------|---------------------|--------|------------------------|
| Hand Sanitiser Gel    | 30 ml               | PET    | Dropper with screw top |
| Hand Sanitiser Liquid | 100 ml              | PET    | Spray Top              |
|                       | 150 ml              | PET    | Spray Top              |
|                       | 200 ml              | PET    | Spray Top              |
|                       | 250 ml              | PET    | Spray Top              |
|                       | 500 ml              | PET    | Spray Top              |
|                       | 500 ml              | PET    | Trigger Top            |
|                       | 1 litre             | PET    | Spray Top              |
|                       | 1 litre             | PET    | Trigger Top            |
|                       | 5 litre cans        | PET    | Screw Top              |
|                       | 20 litre cans       | PET    | Screw Top              |
|                       | 1000 litre flow bin |        | Tap                    |

# Usage Instructions:

- Spray one spray per hand and then briskly rub hands together until dry.
- Spray onto surface and let dry.
- Spray onto toilet seat and wipe dry with clean paper.



# Safety Information

## Store below 30°C

- For External Use Only.
- Store between 15-30°C.
- Avoid freezing.
- **Flammable: Keep away from heat or flame**
- Do not use in children less than 2 months of age or on open skin wounds.
- Keep out of eyes, ears & mouth.
- In case of contact with eyes, rinse eyes thoroughly with water.
- Stop use and consult a doctor if irritation occurs.
- Keep out of reach of children. If swallowed, get medical help or contact Poison Control Centre.

## Product Ingredients

- Copper-Zinc Compound with Isopropyl Alcohol Antiseptic 75%.
- Non-Sterile Solution.

## Active Ingredients: Isopropyl alcohol 75% & Copper-Zinc Compound

### • Ethanol 75 IPA:

#### **Sasol High Purity Ethanol denatured with Sasol Isopropyl.**

Product code E75IPA Description: Sasol High Purity Ethanol denatured with Sasol Isopropyl Alcohol. Not only are alcohol-based hand sanitisers found to be effective at killing many types of bacteria, including MRSA and E coli, they're also effective against many viruses, including the influenza A virus, rhinovirus, hepatitis A virus, HIV, and Middle East respiratory syndrome coronavirus (MERS-CoV).

### • Copper

Antimicrobial Copper Alloy surfaces kill more than 99.9% of Gram-negative and Gram-positive bacteria within two hours of exposure.



### • Zinc

Zinc ions ( $Zn^{2+}$ ) exhibit antimicrobial activity against various bacterial and fungal strains. The partial dissolution of zinc oxide ( $ZnO$ ) particles releases  $Zn^{2+}$  ions in aqueous suspension that contributes to the antimicrobial activity of  $ZnO$ .

### • Iron

Hemoglobin (the protein of red blood cells) give skin its naturally rosy hue, and low levels can contribute to a pale or sickly look

### • Potassium

Potassium has effective antimicrobial benefits against gram positive and gram negative bacteria.

### • Calcium

Calcium carbonate nanoparticles have antimicrobial effects and used in the production of antimicrobial drugs for use in various fields of medicine, food industry and agriculture.

### • Magnesium

Magnesium is an effective antibacterial agent with high surface reactivity due to its well-scattered pore windows.

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# The Germ DOCTOR

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