

a world first

**BSafe** <sup>HOCI</sup><sub>TM</sub>

*formulated by doctors*

Jan 2023



❖ BSafe Sanitising Facial Mist, Hand Sanitising, Equipment sanitising, Surface Sanitising

❖ The liquid mask

❖ A Virus, Bacteria, Fungal fighting sanitiser

❖ Reducing infections - improving patient / staff safety -

❖ The Safest, Most Effective Sanitiser available.



**SABS**

South African Bureau of Standards

**NRCS**

national regulator for  
compulsory specifications

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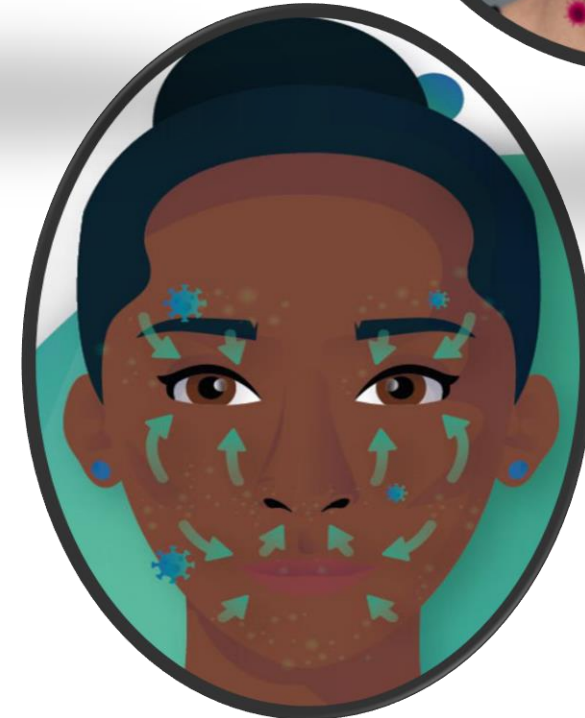
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Level 4 B-BBEE Provider

SAHPRA License no: 0000740MD

# The Problem

- 50% of all illnesses infect us via the face – via the eyes, nose, mouth
- Covid, TB, pneumonia, flu's, colds, chicken pox, measles .....



# The Problem

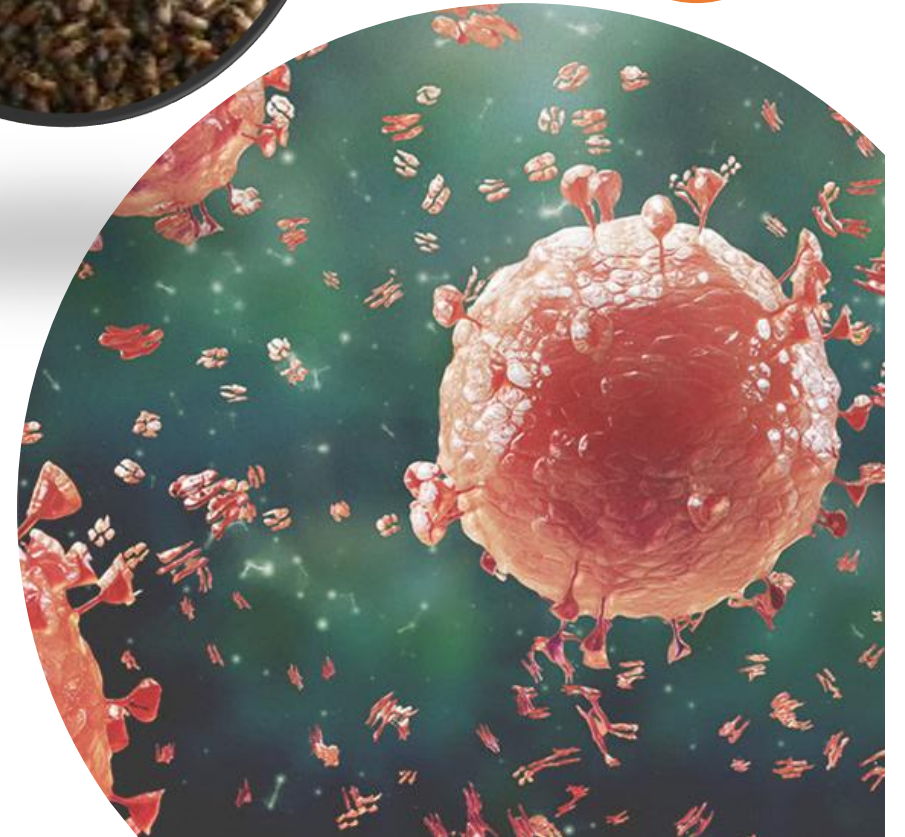
✓ Harmful pathogens are airborne;

+

✓ We involuntarily touch our face  
>300 /day

= Germs attach, collect, & accumulate exponentially on face & mask

- ✓ After washing face - start with "0" germs on face, but escalates & counts double every hour
- ✓ Risk of millions of harmful germs dislodging & being released into the infection points escalates exponentially over day.
- ✓ People are getting infected later in day



# Our Face

**= Platform for germs to attach & accumulate**

➤ to infect us via nose, mouth, eyes

**= Infection gateway**

**= The primary link in the infection chain**

- ✓ Mask provides only limited protection of oral/nasal – but not eye's?
- ✓ Mask also a source of recontamination



# It Makes Sense to:

- ✓ **Keep face & mask clean & free of pathogens /germs – sanitised**
  - ✓ Wash face more often during day & sanitize face regularly.
- ✓ **To break the infection chain – at the face**
  - make our face our 1<sup>st</sup> line of defence
  - Cannot use alcohol or any other toxic chemicals on the face.
  - Needs to be effective – but 100% safe.
- ✓ **BSafe Sanitising Facial Mist** is effective & 100% safe.
- ✓ A liquid face mask - a world first?

BSafe<sup>HOCl</sup> is  
made from  
HOCl



- ✓ HOCl is a natural substance produced by own white blood cells as part of innate / natural immune system
- ✓ Every organ produces HOCL– brain, liver, kidney, heart, ..... & skin.
- ✓ Infection – white blood cells rush to defend & produce HOCL to kill infection / pathogen (harmful germ)
- ✓ **Biocidal efficacy – kills all germs** - viruses (incl SARS-CoV-2), bacteria, bacterial spores, yeast, fungi, prions (proteinaceous structure), - even the most hospital / antibiotic resistant
  - “most effective biocide available to man today”
  - More effective than alcohol sanitisers – alcohol cannot kill bacterial spores & prions
  - 50 to 300 times more effective than bleach (NaOCl)
- ✓ **Natural, organic, biocompatible, & 100% safe – even for babies**

# Advantages of BSafe<sup>HOCI</sup>

- ✓ Anti-inflammatory properties – safe on all minor wounds, scratches and bites.
- ✓ Hypoallergenic, antipruritic, antihistaminic, non mutagenic
- ✓ Immunomodulatory properties
- ✓ No adverse effects on fibroblasts & keratinocytes
- ✓ Free of skin, oral, nasal, ocular, gastrointestinal, & pulmonary toxicity
- ✓ **EXTREMELY SAFE**
- ✓ **HOCI has the highest safety approval by FDA GRAS approved (Generally Regarded as Safe), approved to ingest, inhale, & apply on skin.**



# Benefits of BSafe<sup>HOCI</sup>



1. **Reduced infections – improve safety & health**
  - ✓ **+ reduced severity of infections**
2. **Improved skin - rejuvenates & rehydration of skin** - improved skin elasticity, reduces wrinkles, reduces blemishes, etc.
3. **Treatment of dermatological infections** - treat range of dermatological conditions, acne, mask ache, pimples or breakouts, hives, psoriasis, dermatitis, rosacea, fever blisters, burns, & sunburn.
4. **Wounds, cuts, & abrasions** – The anti-microbial & inflammatory properties - treating & healing of wounds, cuts, & abrasions on face – enhanced healing, reduced healing time, reduced pain, reduce scarring, including acne scarring.

# Benefits of BSafe<sup>HOCl</sup>



## Treatment of Dermatological Procedures, Tattoo Procedures, Ear Piercings –

prior to procedures, & postoperatively, to reduce infections, promote

healing, reduce pain, reduce healing time, to prevent infections &

reduce scar formation = overall better experience following

dermatological procedures such as micro-needling & laser

procedures.

## Reduced allergies – the antipruritic & antihistaminic

mechanisms prevents mast cell degranulation, reduces the

levels of histamine and other chemical mediators present in

an allergic response thus preventing itchiness (pruritis) &

reducing an allergic response.

## Reduced skin damage caused by alcohol sanitisers –

The prolonged use of alcohol-based

sanitisers produces contact dermatitis (hands), which is an

inflammation of the skin. Due to the anti-inflammatory

properties, the Sanitising Facial Mist treats and heals skin inflammation caused by alcohol-based sanitizers.

**Harnessing the power of our  
natural immune system to improve  
our health security**

**BSafe has unlocked one of the keys  
to reducing infections & improving  
safety & health security**

**Whilst also improving our skin**

**BSafe the new liquid mask**

**“It makes sense”**

