



HYGENIQ PERSONAL

Hygiene solutions



Carefree contact

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WHAT IS HYGENIQ PERSONAL AND HOW DOES IT WORK?

HYGENIQ PERSONAL is a 100% plant-based concentrate which contains extremely powerful and effective antibodies that are produced naturally in plants and their fruit.

Using innovative technology, these natural antibodies are extracted from, among other things, the peel, seeds and other parts of plants (mainly citrus plants) that are not for human consumption. These antibodies lie at the heart of the HYGENIQ PERSONAL plant extracts and form the basis of the HYGENIQ PERSONAL-concentrate.

Alongside plant extracts, the concentrate contains vitamin C and plant-based glycerine and glucose, and it is completely safe for human use. It is highly environmentally friendly, contains only renewable raw materials and is fully biodegradable. The concentrate's 100% natural ingredients were independently and successfully tested against over 170 different pathogenic (i.e. disease-causing) bacteria, fungi, yeasts and viruses, including the novel coronavirus SARS-CoV-2, H1N1, MYCOBACTERIUM tuberculosis, etc.

We then incorporated the HYGENIQ PERSONAL concentrate into our HYGENIQ PERSONAL hand sanitiser gel due to the following properties:

- **Antimicrobial**

The concentrate's exceptionally powerful and effective antimicrobial substances prevent infection and have a strong antiseptic action.

HYGENIQ PERSONAL has been proven effective against over 170 different pathogens (disease-causing bacteria, fungi, yeasts and viruses), including the novel coronavirus SARS-CoV-2.

HYGENIQ PERSONAL destroys the protective cell membrane of such microorganisms and one of its properties is to promote apoptosis (the self-destruction of cells). This makes the concentrate effective against a broad range of harmful organisms.

- **Antioxidant**

HYGENIQ PERSONAL contains powerful antioxidants that can protect the body against damage caused by free radicals and UV.

HYGENIQ PERSONAL is rich in essential oils, vitamin C, vitamin E, flavonoids and other polyphenols that all act as antioxidants that benefit the skin and body.

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- **Improves and cares for the skin**

Given that the antioxidants in HYGENIQ PERSONAL help to combat skin-cell damage caused by free radicals, it also contributes to preventing related skin ageing.

The vitamin C present is a cosmetic ingredient known for its capacity to truly improve the skin. On human skin, this vitamin stimulates the forming of collagen, it can reduce acne and pigment spots and it acts against rosacea. It has been clinically proven that it makes the skin smoother and stronger.

The natural glycerine in HYGENIQ PERSONAL is extracted from vegetable oil. It is a substance that is produced naturally in the uppermost layer of human skin (the stratum corneum).

Compared to others, glycerine is known to be the most effective humectant (substance that attracts water into the outer layer of the skin and holds it there). This means that HYGENIQ PERSONAL has a special skin-hydrating effect.

- **Protects the skin**

HYGENIQ PERSONAL helps to build natural resistance to microorganisms. Its effective ingredients form a protective barrier against microorganisms that can develop and grow on the skin. In this way, HYGENIQ PERSONAL helps to prevent infection and the antiseptic effect makes it highly suitable for treating unhygienic skin.

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Benefits of HYGENIQ PERSONAL vs. alcohol-based gel

Compared to alcohol-based gels, HYGENIQ PERSONAL is safe and releases no penetrating vapours. Unlike alcohol, HYGENIQ PERSONAL helps build natural resistance to harmful organisms. The level of protection HYGENIQ PERSONAL provides is sufficient to prevent the development and growth – and in many instances eradicate – all microorganisms that can live on your hands.

The inclusion of ingredients that care for the skin means that HYGENIQ PERSONAL does not cause dry hands and thanks to this hydrating effect it is suitable for frequent use.

- Completely plant based
- Only renewable raw materials
- Fully biodegradable
- Child safe and child friendly
- Completely safe to the skin
- No volatile substances, safe to inhale
- Safe to the eyes
- Safe on materials and surfaces
- Not painful on broken skin
- No penetrating vapours
- Not flammable
- Antioxidant
- Hydrates the skin
- Helps improve resistance rather than reduce it
- No negative impact on food availability

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HYGENIQ PERSONAL COMPOSITION

Composition	Purpose
Aqua	Component in which the other raw materials are dissolved.
Proprietary plant extract	Antimicrobial, antioxidant, and improves, protects, and cares for the skin.
Hydroxypropyl guar (natural thickener)	Increases viscosity for better application as a cream.
Plant-based Glycerin	Improves and cares for the skin and ensures optimal hydration.
Vitamin-C	Antioxidant, improves and cares for the skin.
Natural fragrance and glucose	Scent and stabilisation.

SUMMARY OF CLINICAL TEST RESULTS

Tested organism	Identification	Type	incubation	Minimum reduction
Corona COVID-19	SARS-CoV-2	Virus	1 min.	> 99,99%
Methicillin-resistant Staphylococcus aureus (MRSA)	ATCC BAA-811	Bacterium	< 1 min.	> 99,9999%
Aspergillus brasiliensis	ATCC 16404	Fungus	< 1 min.	> 99,99%
Escherichia coli	ATCC 25922	Bacterium	< 1 min.	> 99,9999%
Staphylococcus aureus	ATCC 6538	Bacterium	1 min.	> 99,9999%
Candida albicans	ATCC 10231	Fungus	< 1 min.	> 99,9999%
Influenza A (swine flu)	H1N1	Virus	5 min.	> 99,999%
Pseudomonas aeruginosa	ATCC 15442	Bacterium	1 min.	> 99,9999%
Klebsiella pneumoniae	ATCC 4352	Bacterium	5 min.	> 99,999%
Streptococcus epidermidis	CCM 7221	Bacterium	5 min.	> 99,999%
Streptococcus agalactiae C	CCM 6187	Bacterium	5 min.	> 99,999%
Salmonella typhimurium	ATCC 14028	Bacterium	< 1 min.	> 99,9999%
Verticillium lecanii	ATCC 36967	Fungus	8 h	> 99,9999%

* Results of independent research into the effectiveness of the HYGENIQ PERSONAL concentrate in different concentration strengths (all <5% v/v).

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