

LOGIC
SEPT+

Skin and Hand Disinfectant



▶ Logic Sept +
Protects what is valuable.

0% alcohol - 20% aloe vera
100% protection ◀



About Logic Sept +

Logic Sept + is one of the many innovations of the German-Dutch company Logic Chemie BV. With its extremely high performance, it sterilizes people, surfaces, facilities and vehicles quickly and easily. Due to its long-lasting protection, Logic Sept + is used wherever a reliable infection control is required.

Logic Sept + is a disinfectant that easily meets high hygienic standards. Under strict conditions, it has proven itself in all areas of hospitals and children's hospitals. Due to its effectiveness, it thoroughly eliminates both gram-positive and gram-negative bacteria, spores, moulds, yeast bacteria and viruses.

Logic Sept + has been tested by independent laboratories and has passed all these tests with excellence. Only Logic Sept + has been able to do what no disinfectant can do. Not only that it easily has all licenses and documents. Logic Sept + has also passed its dermatological test with "excellence".

It owes its success to its well-balanced ingredients. Besides benzalkonium chloride, aloe vera is used - a natural agent to effectively destroy other forms of viruses and bacteria. These ingredients help to protect risk groups more effectively. Children and people of all ages should be able to protect themselves from future pandemics without any concerns or side effects. That means no matter what mutations bacteria and viruses go through, with Logic Sept + you will be protected as always.

The Logic Sept + product range covers three main areas: The safe disinfection of people, premises and public places. Everything that people touch every day, whether directly or indirectly. Logic Sept + provides the necessary protection.



Areas of application

Wherever people need to be protected:

- Hospitals, physicians' offices, waiting rooms, children's hospitals, nursing homes

- Universities, schools, kindergartens, day care centres

- Shopping centres, supermarkets, shops, offices, salons, homes

- Company facilities, warehouses, refrigerated warehouses

- Banks, insurance companies, hotel facilities

- Fitness centres, sports facilities, conference and event halls

- Food processing facilities, restaurants, kitchens

- Sanitary facilities, ventilation systems and ventilation shafts

- Vans, trucks and public transport



SKIN AND HAND DISINFECTANT

Effective and lasting protection with 0% alcohol and 20% Aloe Vera: Logic Sept +

The active ingredients provide a complete protection for sensitive skin and hands. Only 1-2 ml Logic Sept + is enough to rub it onto the entire hands. Unlike common disinfectants, the disinfecting effect remains for several hours. The hands are protected against dryness, allergies, fissures and other unpleasant side effects.

Of course, Logic Sept + is free of alcohol, chlorine, formaldehyde, colorants and other hazardous substances. Logic Sept + is available in the sizes 50 ml, 100 ml, 500 ml, 1 L, 5 L or 10 L. Always refillable for your daily protection.

- Fast, long lasting, effective.
- Free of alcohol, chlorine and other hazardous substances.
- 99.99% effective against viruses and bacteria.
- Suitable for every age.



LOGIC SEPT +



THE NATURAL DISINFECTANT

EXTENSIVE EFFECT - LONG LASTING PROTECTION WITH 0% ALCOHOL

USE THE INNOVATIVE PROTECTION OF LOGIC SEPT +. PROTECT YOUR SKIN TWICE:

- Ideal and long-lasting all-round protection against viruses and bacteria
- No more skin irritations or allergic reactions.

Logic Sept + effectively kills bacteria, fungi, yeast bacteria and also multi-resistant pathogens (MRSA) within seconds. At the same time it offers protection against many enveloped viruses, such as the different types of the corona virus. Furthermore, it offers effective protection against typical influenza viruses, such as the well-known flu virus, bird flu or swine flu. Logic Sept + can also be used to prevent the activity of viruses ranging from Herpes Simplex to HBV, HIV, HCV.

Wherever high infection controls are required or very simple hygienic standards must be met, Logic Sept + is the right choice.

KILLS 99.99% OF BACTERIA.

GENTLE TO THE SKIN AND EFFECTIVE.

DERMATOLOGICALLY TESTED WITH "EXCELLENT".

TESTED ACCORDING DIN EN 1040

TESTED ACCORDING PN-EN 1500

**INACTIVATION TEST WITH LOGIC SEPT +
SOME EXAMPLES:**

| ORGANISMS | INACTIVE AFTER MINUTES | | |
|-----------------------------|------------------------|----|----|
| | 5 | 10 | 15 |
| E.Coli | + | + | - |
| Salmonella typhi | + | - | |
| Staphylococcus aureus | + | + | - |
| Cryptococcus histolytica | + | + | - |
| Trichophyton interdigitale | - | | |
| Candida albicans | + | - | |
| Acremonium strictum | - | | |
| Aspergillus flavus | + | - | |
| Aspergillus niger | - | | |
| Aspergillus versicolor | - | | |
| Aureobasidium pullans | + | - | |
| Cladosporium sphaerospermum | + | - | |
| Paecilomyces variotii | + | - | |
| Penicillium chrysogenum | - | | |
| Trichoderma viride | + | - | |

+ aktive, - inaktive



Logic Sept + For a gentle hand hygiene

Why is hand hygiene important at all?

Washing hands has always been an important part of basic education. It is one of the first hygienic measures that are taught in the early childhood. The reason? Because viruses and bacteria can spread faster, especially via hands, and also penetrate into the body. Therefore do not forget to wash your hands.

No matter if you are shopping, driving, greeting or in the Office, obviously, hands are involved everywhere. An active and fast life meanwhile shows that not everyone can take the time to wash their hands thoroughly. Furthermore, it has been shown that the standard hand hygiene is not sufficient anymore to protect against new viruses and other pathogens.

Why not simply use disinfectants?

There is one main reason why the use of common disinfectants is not recommended: They are harmful to the health. Current recipes require a high percentage of alcohol to be effective against viruses. However, the alcohols used, such as ethanol, are very harmful to the health.

Especially small children and people with skin problems suffer from its side effects. Allergic reactions, dryness, skin irritations, but also cracks in the skin are not uncommon.

It has also been sufficiently proven that the effect of such disinfectants is not long-lasting. As soon as the alcohol evaporates, the disinfecting effect is gone. In addition, numerous other ingredients are used which are harmful to the body. Many people become ill as a result and must be treated additionally. This then leads to more antibiotics being taken, which then leads to more antibiotic resistance. A catastrophic vicious circle develops.



So no more disinfectants then? Just hand washing?

No, disinfectants are a must, but with the right agents. Hand washing, as we've learned, was established in the early 20th century and it's not enough. Every two years we are literally attacked by two pandemics simultaneously. It is not only the commonly flu that is bothering us, but also other viral diseases that are easily and quickly spread through our hands. We at Logic Chemie BV are aware of the many disadvantages of disinfectants and have therefore quickly found a remedy. We have therefore designed an alcohol-free disinfectant: Logic Sept +. This disinfectant has been developed especially for the hands of children. In this way we protect the youngest and create a wonderful alternative for every age group.

How does Logic Sept + work?

Logic Sept + has a well-balanced composition that helps to prevent the fat layer of the skin from dissolving. This maintains the skin tolerance. The main effect is created by selected benzalkonium chlorides. Their positive electrical charge and size prevents them from penetrating into the skin. Due to its properties, benzalkonium chloride behaves similarly to soap. It is much more water-soluble and removes pathogens easily and quickly. Enveloped viruses live on cell water. Through the openings the virus can control its water balance. The ultra water-soluble benzalkonium chloride easily infiltrates the pores and causes the virus to no longer be able to retain the cell water. This causes it to flow out of the pores. This is how the virus is dried out effectively and quickly.

Benzalkonium chloride therefore does not have a chemical effects on the virus, but acts physically. No matter how chemically resistant the virus may be to antibiotics or alcohols, it has no power against this physical effect.

Also the natural active substance Aloe Vera has proved to be a virus and bacteria killer. This double combination effectively helps to protect the skin and creates an effective alternative against multi-resistant pathogens. And since both active ingredients do not evaporate so easily, the hands are protected for at least 2 hours.

After washing and drying your hands, simply apply 1-2 ml Logic Sept + to your hands and let them dry.

Muenster, 08.06.2020

Certificate
for the Product
LogicSept®

Dermatological test on humans in 2020

The dermatological test performed by us on your product under the control of dermatological specialists was passed for this product with the rating of

„excellent“

This product did not lead to toxic-irritative intolerance reactions in open patch testing carried out in accordance with international guidelines. The preparation can therefore be declared as dermatologically tested.



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