

Product Datasheet LogicSept® Plus For a foaming hand disinfection	LogicSept + Kastanjelaan 157A, 4621HL, Bergen op Zoom, Netherlands E-Mail: <a href="mailto:Info@logicchemie.nl">Info@logicchemie.nl</a> Tel: +31 6 26354489
	Without Alcohol With 20% Aloe Vera

### General Information

LogicSept Plus is an alcohol-free product for hygienic hand disinfection with a germ reducing effect for up to 2 hours. It is effective against bacteria, fungi, yeasts, also against so-called multi-resistant germs (MRSA), many enveloped viruses, such as corona viruses (SARS), herpes simplex, influenza viruses, such as bird flu (H5N1), swine flu (H1N1), HBV, HIV, HCV, etc.

### LogicSept Plus comprises the area of action 'limited virucidal'.

In terms of the resistance of viruses to disinfectants, two groups can be distinguished "based on the structure": enveloped and non-enveloped viruses. The resulting terms "limited virucidal" (against enveloped viruses) and "virucidal" (against enveloped and non-enveloped viruses) were already defined in 2004 ([http://www.eurovir.de/files/pdf/antivirale\\_validierung/eurovir\\_rki-empfehlung-2004-viruzidie.pdf](http://www.eurovir.de/files/pdf/antivirale_validierung/eurovir_rki-empfehlung-2004-viruzidie.pdf)).

Enveloped viruses are easier to inactivate with disinfectants than non-enveloped viruses. However, due to their different hydrophilic properties, there is an unequal sensitivity to disinfectants even in the group of non-enveloped viruses. Adenoviruses, noroviruses and rotaviruses belong to the more easily inactivated pathogens in the group of non-enveloped viruses. Since these three viruses are responsible for a large number of outbreaks, there is great interest in developing an effective disinfectant specifically against these viruses.

The Working Group Virucidal at the RKI therefore defines the area of action "limited virucidal PLUS" for disinfectants that inactivate enveloped viruses and additionally adeno-, noro- and rotaviruses. This means that the effectiveness of disinfectants can in future be declared according to the following three areas of action:

Area of action	Effective against
'limited virucidal'	Enveloped viruses (incl. Corona viruses)
'limited virucidal PLUS'	Enveloped viruses as well as adeno-, noro- and rotaviruses
'virucidal'	Enveloped and non-enveloped viruses

It is known that LogicSept Plus also inactivates some non-enveloped viruses. Whether the product can be declared as "limited virucidal PLUS" is currently being investigated.

**Technical Data**

Density according to	DIN 51757 0,999
Appearance	colorless fluid
Odour	practically odourless
pH value	approx. 0,6
Flashpoint	According to DIN 51758 not applicable
Water solubility	absolutely soluble
Shelf life	between 0°C to +40°C
Usage / m <sup>2</sup>	5 ml foam, 1 stroke

**Components**

Name of substance	Content	CAS No.
Alkyl Benzyl Ammonium Chloride	0,50 %	85409-22-9

**Other ingredients**

aloe vera	20,00 %
Distilled water	79,50 %

Registration Number (BAUA) – 93850

Made in Germany