




STERDOC
NATURAL BIOSECURITY SOLUTIONS

CORONAVIRUS
WN CoV
March 2020

VIVA STERILIZATION!
STERDOC





CORONA VIRUS (WN-CoV)...

- The recently identified Wuhan novel coronavirus (WN-CoV) belongs to a large family of viruses with some causing a less-severe disease, such as the common cold, and others causing a more-severe disease such as Middle East Respiratory Syndrome (MERS) and Severe Acute Respiratory Syndrome (SARS) coronaviruses.
- Coronaviruses are mainly transmitted by large respiratory droplets and direct or indirect contact with infected secretions. They have also been detected in blood, faeces and urine and, under certain circumstances, airborne transmission is thought to have occurred from aerosolised respiratory secretions and faecal material. There is also a link to the same enveloped viruses found in animals e.g. swine flu

PREVENT SPREADING

- Destruction of diseased animals and those in close proximity:
 - Costly and will destroy the poultry industry

- Vaccination of birds and people in close contact:
 - Prevention, virus may mutate

Increased hygiene in public areas, major gatherings, hotels, transport etc. :

- Change cultural habits – self isolation

Increase in Biosecurity

- Cost effective implementation of **PSLog6** products into cleaning and sanitising regime





PROTECT NATURALLY

- The PSLog6 Range is a unique natural range of highly-effective personal protection and disinfectant products formulated for protection against the spread of contagious viruses and diseases which can be acquired from contaminated multiple different sources including people , surfaces , the environment and others.
- PSLog6 has a broad spectrum activity against bacteria, mycoplasma, fungi and virus including COVID19.
- It has no environmental residues, non-corrosive and non-toxic. It is suitable in all disinfecting systems (including aerial). It is safe to use in the presence of humans and farm animals. Rinsing is not required giving a strong residual activity for up to 72 hours after administration.

CLEANING & SANITISING

- Formulated from natural ingredients, PSLog6 products are non-toxic or low in toxicity,
- Proven to kill above 99.9998% of bacteria, fungi, moulds, yeasts, spores and viruses. PSLog6 also contains a patented antiviral composition giving superior performance against influenza type viruses (swine, avian and human), SARS, Coronavirus and the common cold killing above 99.9998% of viruses in under 1 minute.
- Multi-component formulation means product is not susceptible to deterioration in activity due to pathogen mutation and is highly effective in breaking down biofilm encountered on surfaces.
- Suitable for all applications including personal application, Spraying, Foaming and Fogging
- Rinsing is not required for the PSLog6 Aerial Sanitiser (room decontamination) giving a strong residual activity for up to 72 hours after administration.



HAND HYGIENE



- hand sanitising cream (Cideen) is naturally derived and more effective than many current alcohol containing hand sanitisers in the market today killing over 99.999% of bacteria, fungi, moulds, yeasts, spores and viruses.
- The strong viscosity and concentration means you only need to apply a large pearl size droplet at a time.
- Cideen contains a patented antiviral composition giving superior performance against influenza type viruses (swine, avian and human), SARS, Coronavirus (COVID-19) and the common cold killing above 99.9998% of viruses in under 1 minute.
- Cideen has a strong residual effect after application - up to 4 hours continued protection

HAND HYGIENE IS IMPORTANT!

- Cideen Antibacterial Hand cream is completely safe, natural, non toxic and suitable for repeated use for all skin types.
- Tested to BS EN1276, BS EN1275, BS EN13704 and BS EN1499 standards under dirty conditions
- Proven to kill above 99.999% of bacteria, fungi, moulds, yeasts, spores and viruses . PS19 also contains a patented antiviral composition giving superior performance against influenza type viruses (swine, avian and human), SARS, Coronavirus and the common cold killing above 99.999% of viruses in under 1 minute.



ANTIVIRAL TESTING

EN 14476 = European norm for antiviral claim.

7 VIRUSES TESTED:

Enveloped virus: H1N1 Influenza A virus ATCC VR1469

Enveloped virus: Avian Coronavirus ATCC VR-21

Enveloped virus: Feline Immunodeficiency virus CRFK cells,
human HIV surrogate

Enveloped virus: Duck hepatitis B virus, human Hepatitis B
surrogate

Enveloped Virus: COVID 19

Non-enveloped virus: Feline Calici Virus ATCC VR-2057, human
Noro virus surrogate

Non-enveloped virus: Rhino virus W138 cells

REQUIREMENTS:

EN14476 test: log 4 reduction in 5 min on Avian Coronavirus,
Rhino, HIV and FCV, log 3 reduction in 5 min on Influenza and
Hepatitis B

Log 4 reduction = 99.99% kill



ANTIVIRAL RESULTS

ANTIVIRUS RESULTS FOR ENVELOPED VIRUS

- 3 model systems containing PSLog6 showed a full pass on EN 14476 for Enveloped Avian Coronavirus, Influenza A, Hepatitis B and Feline Immunodeficiency Virus (HIV).

LOG REDUCTION ACCORDING TO EN14476	AVIAN CORONAVIRUS	H1N1	HIV	HEPATITIS B
PROSINO 1.00%	PASS >4	PASS >4	PASS >4	PASS >4





Tel:+31 111 21 8080 Info@sterdoc.nl Keersluisweg 21 1332 EE, Almere The Netherlands
www.sterdoc.nl