

XTRA

BREAK
TREAT
PREVENT

STERIL-7



FACT SHEET


NOVEL CORONAVIRUS

WHAT IS NOVEL CORONAVIRUS

The 2019-novel Coronavirus (2019-nCoV), known as “Wuhan Virus”, is a new strain of large family of viruses that cause illness ranging from the common cold to more severe diseases. Chinese scientists subsequently isolated the 2019-nCoV in which it has been found to be at least 70% similar in genetic sequence to MERS and SARS.

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.

As coronaviruses have a lipid envelope, a wide range of disinfectants are effective. Personal protective equipment (PPE) and good infection prevention and control precautions are effective at minimising risk but can never eliminate it.



2019-nCoV can take up to **10-days** between **INFECTION** and **DETECTION**⁽³⁾ symptoms are present

INCUBATION	DETECTION
5-6 DAYS	4-5 DAYS

SYMPTOMS

- Fever
- Breathing difficult
- Cough

Severe cases

- Pneumonia
- Kidney failure
- Severe acute respiratory syndrome
- Death

SOURCE OF NOVEL CORONAVIRUS



LIVE OR DEAD FARM AND WILD ANIMALS AT ITS SOURCE



EMPLOYEES



CUSTOMERS

HOW NOVEL CORONAVIRUS SPREADS



VISITING FARM LIVE OR DEAD ANIMALS, SEAFOOD MARKET CAUSING TRANSMISSION FROM ANIMAL TO HUMAN



NOVEL CORONAVIRUS IS SPREAD BY DROPLETS MADE WHEN INFECTED PEOPLE COUGH, SNEEZE OR TALK



TOUCHING CONTAMINATED PEOPLE, OBJECTS OR SURFACES

PREVENTION

TAKE ACTION

KNOW YOUR FACTS

Get access to educational and procedural information



People with novel coronavirus should not prepare food or serve beverages for others until their symptoms have resolved.



ENCOURAGE EMPLOYEES TO:

- visit a doctor
- clean and sanitise impacted area

FACT: Patients are most infectious during the first three days of illness.



FREQUENT HANDWASHING

Thoroughly wash hands and exposed portions of arms with **STERI-7 antibacterial hand wash**, & warm water



for at least

SECONDS use designated handwashing sink

SANITISE HANDS



Using **STERI-7 hand rub** without rinsing with water.

COVER YOUR MOUTH

and nose with a tissue when coughing, sneezing and preparing & cooking food



Avoid close contact with anyone showing symptoms of respiratory illness.



COUGHING & SNEEZING



CLEAN THOROUGHLY & ROUTINE-

CLEAN & SANITISE

frequently touched surfaces with a properly registered disinfectant.

- Light and air control switches
- Faucets and toilet flush levers
- TV and radio controls



- Telephones and computers
- Door handles & push plates
- Other surfaces as needed

DISINFECT

all surfaces that may have come into contact with respiratory secretions, urine or faeces according to standard infection control procedures.



Can Steri-7 claim their Steri-7 Xtra Personal Care products are effective against the Novel Coronavirus?

FDA and EU regulations do not allow hand sanitiser brands to make specific untested viral claims, but from a scientific perspective, Coronavirus is an enveloped virus. Enveloped viruses in general are effectively killed or inactivated by certain alcohols and quaternary active substances (Bardac 22). The World Health Organization (WHO) and the Centre for Disease Control and Prevention (CDC) are recommending the use of a hand sanitiser as a preventive measure.

Steri-7 Xtra Hand Rubs (sanitisers) contain Bardac 22, a Lonza Chemicals Biocide. Lonza Chemicals manufacturer Biocides for the disinfectant industry. Bardac 22 is the chosen biocide active ingredient deployed in all Steri-7 Xtra products.

Lonza Chemicals say the following:

Bardac 22 has a broad antimicrobial efficacy against gram-positive and gram-negative bacteria, yeast, and enveloped viruses (e.g. Hepatitis B, HIV, (Coronavirus)). High antimicrobial efficacy is maintained even at low temperatures and in the presence of organic soil, such as blood and protein, (unlike alcohol which requires clean hands).

Steri-7 Xtra Hand Sanitiser, based on Bardac 22, can claim to be very effective against enveloped viruses, not specific untested viruses.

Steri-7 Xtra Hand Rub (containing Bardac 22) and Bardac 22 are fully compliant with EU Biocidal Product Regulation; regulation (EU) 528/2012

Information:

Enveloped viruses are viruses with a viral envelope consisting of lipids. Enveloped viruses are relatively straightforward to inactivate with correct biocidal products. Examples of enveloped viruses also include influenza viruses, herpes viruses, HIV and ZIKA.

Dutch Board for the Authorisation of Plant Protection Products and Biocides (Ctgb)

"Enveloped viruses (for example Coronavirus) are viruses with a viral envelope consisting of lipids. Enveloped viruses are relatively easy to inactivate with biocidal products. Further examples of enveloped viruses include influenza viruses, herpes viruses, HIV and ZIKA. For more information about viruses, see: Fauquet, C.M. et al., Eds.: Virus Taxonomy, eighth report of the international committee on taxonomy of viruses".

For more information

email info@STERI-7.com, or visit www.STERI-7.com