


FACT SHEET

WHAT IS NOVEL CORONAVIRUS

Coronaviruses are RNA enveloped viruses that can infect animals and humans. So far, there are six known human coronaviruses. Four of these coronaviruses are less pathogenic, generally causing only minor respiratory symptoms like the common cold. Two other coronaviruses — Severe Acute Respiratory Syndrome Coronavirus (SARS CoV) and Middle East Respiratory Syndrome Coronavirus (MERS CoV) — can cause serious respiratory diseases. A new strain of Coronavirus (2019-nCoV) has emerged, is causing illnesses globally and is different from other coronaviruses. To date, the virus has infected thousands of people, with hundreds of reported deaths. As surveillance proceeds, there may be more cases identified. Some, but not all, of the cases are linked to a live animal market in Wuhan City, in the Hubei Province of China.

Public Health authorities are actively investigating this outbreak. Because of this, public health recommendations focus on standard infection control practices to reduce exposure to and transmission of a range of illnesses. [1]



2019-nCoV can take up to **10-day** delay between INFECTION and DETECTION [2] symptoms are present

Incubation	Detection	
5-6 days	4-5 days	

Source: Center for Disease Control

SYMPTOMS

Source: Center for Disease Control [3], WHO

- Fever
- Breathing difficulties
- Coughing
- Shortness of breath

Severe cases

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

HOW NOVEL CORONAVIRUS ENTERS



LIVE OR DEAD FARM OR WILD ANIMALS AT ITS SOURCE



EMPLOYEES



CUSTOMERS

HOW NOVEL CORONAVIRUS SPREADS



VISITING SEAFOOD MARKET, LIVE OR DEAD FARM 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

References;

[1] <https://en-au.ecolab.com/expertise-and-innovation/resources/microbial-risks/coronavirus>
 [2] <https://www.imperial.ac.uk/mrc-global-infectious-disease-analysis/news--wuhan-coronavirus/>
 [3] <https://www.cdc.gov/coronavirus/2019-ncov/>

PREVENTION

▶ TAKE ACTION

Know your novel coronavirus facts.

Get access to educational & procedural information.



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

Sick?

Visit doctor

Encourage employees to:

- Visit doctor
- Clean and sanitise impacted areas

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



Frequent Handwashing

Wash your hands **often** and **correctly**. The World Health organisation recommends washing your hands with soap and water, or alcohol based hand rub if soap and water are not available.

Wash for at least



seconds.

Use designated handwashing sinks.

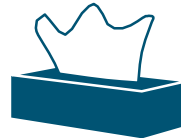
Sanitise Hands



Using Instant Hand Sanitiser without rinse.

Properly **cover your mouth**

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



Avoid close contact with anyone showing symptoms of respiratory illness.



coughing, sneezing



▶ CLEAN THOROUGHLY & ROUTINELY

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 and push plates
- Other surfaces as needed



DISINFECT all surfaces










that may have contacted respiratory secretions, urine or feces according to standard infection control procedures.



ECOLAB PREVENTIVE SOLUTION

▶ HARD SURFACE SANITIZING


The following products have demonstrated effectiveness against viruses similar to COVID-19 on hard, non-porous surfaces. Therefore, these products can be used against COVID-19 when used in accordance with the directions for use against supporting virus indicated on hard, non-porous surfaces.

APPLICATION	SOLUTION	PROPERTIES	DILUTION & SUPPORTED VIRUS
Hard Surface Antimicrobial	 DRYSAN OXY	Ready to use spray disinfectant with cleaning properties for manual use in the food and beverage industry. QAC and alcohol-free formulation. Kosher and Halal compliant.	Undiluted, 30 sec. Vacciniavirus, Bovine Viral Diarrhea Virus (BVDV) acc. to EN 14476
	 P3-OXYSAN ZS	Premium cold disinfectant with a working mechanism based on synergistic effects of mixed Peroxy compounds for application in beverage, dairy and food industries. Broad microbiological efficacy. Suitable for CIP, OPC & disinfection baths.	0.1%, 30 min. Adenovirus, Murine norovirus (acc. to EN 14476)
	 VORTEXX	Mixed peracid sanitizer that delivers superior antimicrobial activity on yeast, moulds and bacteria. Enhances finished product quality when used in a total Ecolab product and professional services program by reducing pathogenic organisms.	0.2% - 1.0% - 10 min Influenza B, Influenza A (H3N2), Influenza A (H1N1), Influenza A (H10N7), Reovirus
	 TOPAX 66	Liquid, alkaline cleaning and disinfecting agent with available chlorine for foam cleaning in the food industry and meat-fish and delicatessen industry. Reliable efficacy against microorganisms and moulds.	3.5%, 5 mins HCoV-229E, SARS-CoV acc. to ECDC guidelines
	 STER-BAC	Liquid quaternary ammonium chloride sanitizer for all food equipment filling and processing line applications in food and beverage industry. Effectively controls moulds and odors. Phosphate free formulation.	0.5%, 5 mins MHV-2, MHV-N, CCV acc. to ECDC guidelines
	 P3-ALCODES	Alcohol-based surface disinfectant for the food industry. Suitable for corrosion/water sensitive surfaces.	Undiluted, 5 min. HCoV-229E, SARS-CoV acc. to ECDC guidelines
	 XY-12	Liquid sodium hypochlorite solution, suitable for a wide range of hard surface sanitation applications. Exhibits effective broad-spectrum antimicrobial action and sanitization. Excellent removal of moulds.	2.2%, 5 mins HCoV-229E, SARS-CoV acc. to ECDC guidelines
	 P3-STERIL	Liquid, neutral cleaning and disinfecting agent for the Food & Beverage industry for manual cleaning of small parts and external surfaces. Contains quaternary ammonium chloride for effective control of microorganisms.	3%, 5-30 mins (clean to dirty conditions) MHV-2, MHV-N, CCV acc. to ECDC guidelines
	 P3-TSUNAMI 100	Liquid agent to reduce microbial growth in flume water of fruit and vegetable processing industries. Particularly effective against all types of microorganisms. Effective at low application concentration and low temperature.	0.1% -15 mins, 0.05% - 30 min efficacy against both non-enveloped and enveloped viruses, low level soiling, acc. to EN14675

ECOLAB PREVENTIVE SOLUTION

▶ HARD SURFACE SANITIZING

While the following products do not carry virus efficacy claim, we advise increased environmental cleaning & disinfection effort for a healthy working environment.

APPLICATION	SOLUTION	PROPERTIES
Hard Surface Antimicrobial	 OXONIA ACTIVE	Liquid, acidic disinfectant based on hydrogen peroxide/ peracetic acid for the food, brewing and beverage industry. Particularly effective against all types of microorganisms, even in cold water.

▶ PERSONAL HYGIENE

Wash your hands often and correctly. The World Health organization recommends washing your hands with soap and water or alcohol-based hand rub if soap and water are not available.

APPLICATION	SOLUTION	PROPERTIES
Hand Sanitizer	 HANDSAN GEL	Ready-to use solution for hygienic & surgical hand disinfection. High skin compatibility with added conditioning components. Dermatologically tested with pleasant odour. Keeps skin smooth even after frequent use. Contains 73% ethanol.
Hand Soap	 TETRABAC	General purpose anti-microbial hand cleaner designed for everyday use in the food & beverage and dairy industries. It is effective in hard and soft water.

<https://www.who.int/news-room/q-a-detail/q-a-coronaviruses>.

<https://www.cdc.gov/coronavirus/2019-ncov/prepare/prevention.html>.


<https://www.ecdc.europa.eu/sites/default/files/documents/coronavirus-SARS-CoV-2-guidance-environmental-cleaning-non-healthcare-facilities.pdf>.

➤ **Learn more:** Ecolab representatives


RESPONSE

Simple steps to keep you safe

 1. **Report** any suspected incidents to management

 2. **Follow** Ecolab guidelines for novel coronavirus




 3. **Send sick employees** to home or to the hospitals

 4. **Stock** disinfectant products as preventive approach




 5. **Clean & sanitise** entire area; follow cleaning standards for contaminated surfaces



 6. **Disinfect** “high-touch” surfaces with Ecolab preventive solution



 7. **Follow up with a doctor** if your employees require any special care



Reference Ecolab cleaning & disinfecting procedures for each step

