

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 hundreds of thousands of people, with thousands 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

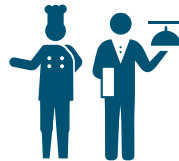
Severe cases

- 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/>

➔ **Learn more:** Consult your Ecolab representative for more information

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.



➔ **Learn more:** Consult your Ecolab representative for more information

ECOLAB PREVENTIVE SOLUTION

► ECOLAB COVID-19 ONLINE RESOURCES




Ecolab COVID-19 Landing Page - <https://www.ecolab.com/pages/coronavirus>

Pre-Recorded Webinar - <https://youtu.be/G9QqC3E1BGY>



Webinar Slide Deck - https://p.widencdn.net/dccb8x/20323_Ecolab_Coronavirus-customer-deck

Good Hand Hygiene Video - <https://www.youtube.com/watch?v=zWUTNjgljns&feature=youtu.be>

► HAND WASHING & SANITISING

APPLICATION	SOLUTION	PROPERTY	AVAILABILITY
Hand Soap	 ECOLAB FOAMING HAND SOAP	Premium antibacterial soap; highly effective against unwanted germs and prevent the spread of viruses	Australia New Zealand Fiji
Hand Sanitiser	 FOAMING HAND SANITISER	Premium antibacterial hand sanitizer after washing to reduce the level of bacteria on hands and to prevent the spread of germs.	Australia New Zealand Fiji
	 ALCOGEL	Alcogel is a topical gel used to supplement routine hand washing. Alcogel will reduce micro-organisms on the skin to a sanitary level.	Australia New Zealand

► SANITISERS & DISINFECTANTS

APPLICATION	SOLUTION	PROPERTY	AVAILABILITY
Multisurface Sanitizers & Disinfectants	 DRYSAN DUO	A ready-to-use, two-step cleaner and sanitiser for use on hard, non-porous food contact and non-food contact surfaces. Can also be used to sanitise gloves and footwear.	Australia New Zealand Fiji
	 SANIMAXX	A mixed chain quaternary sanitiser with surfactant components. Use on surfaces at 450 ppm for a minimum contact time of 60 seconds.	Australia New Zealand Fiji

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ECOLAB PREVENTIVE SOLUTION

SECONDARY PRODUCT RECOMMENDATIONS

► HAND WASHING

APPLICATION	SOLUTION	PROPERTY	AVAILABILITY
Hand Soap	Gemsolve	"Gemsolve is a liquid hand cleaner effective against heavy soils, performs rapidly and leaves hands clean and smooth. Gemsolve can be used in offices, workshops, plants, locker rooms, lunch rooms and toilets."	AUS
Hand Soap	Gritmaster Pro	Gritmaster Pro is an industrial strength hand cleaner capable of quickly removing common occupational soils encountered in automotive and industrial workplaces. Gritmaster Pro can also be used in offices, workshops, plants, locker rooms, lunch rooms and toilets.	ANZ
Hand Soap	Hand Guard	Hand Guard is a concentrated antimicrobial hand wash product formulated for use in food and beverage processing facilities. Hand Guard is suitable for use in plants, offices, workshops, lockers rooms, lunch rooms and toilets.	NZ
Hand Soap	Imprex	Imprex is a liquid hand cleanser specially formulated for use in food processing plants. It provides efficient and safe cleansing of soiled hands and performs rapidly without the use of solvents or abrasives. Suitable for use in plants, offices, workshops, lockers rooms, lunch rooms and toilets.	AUS

► SANITISER & DISINFECTANTS

APPLICATION	SOLUTION	PROPERTY	AVAILABILITY	USE RATE	CONTACT TIME (MINS)
Hard surface food contact sanitisers	ALCOHOL 70% COMMERCIAL	An RTU sanitiser which contains 70% v/v ethanol. It is used as a hard surface sanitiser and can be used to supplement routine hand washing.	ANZ	RTU	5
Hard surface food contact sanitisers	Eco-Wipe Duo	Pre-moistened ready-to-use sanitising wipe, consistently delivering 175ppm of sanitising solution. Can be used on food contact or nonfood contact surfaces.	ANZ	RTU	10
Hard surface food contact sanitisers	Growers Virusan QT	A broad spectrum disinfectant with residual antimicrobial properties. The combination of surfactants and quaternary components in Growers Virusan QT provide effective disinfection of bacteria and viruses, even in the presence of some organic matter.	ANZ	0.45 %v/v	10
Hard surface food contact sanitisers	ISOPROPYL ALCOHOL 70%	A sanitiser used as a hard surface sanitiser and can be used to supplement routine hand washing. Isopropyl Alcohol 70% will reduce micro-organisms on the skin to a sanitary level.	ANZ	RTU	5
Hard surface food contact sanitisers	Octave FS	Peroxyoctanoic acid foaming sanitiser for a variety of applications in dairy, beverage, food, meat and poultry processing.	ANZ	0.39 - 0.78 %v/v	10
Hard surface food contact sanitisers	Oxonia Active	"A peroxyacetic acid antimicrobial agent with broad antimicrobial activity for use in a number of sanitizing applications in the dairy, beverage and food processing industries, as well as for sterilisation of aseptic processing and packaging equipment."	ANZ	0.4 - 1.0 %v/v	10
Hard surface food contact sanitisers	Oxonia Active 150	Oxonia Active® 150 is a concentrated, broad spectrum peroxyacetic acid antimicrobial agent for use in the same applications as Oxonia Active. Oxonia Active 150 contains up to three times the active concentration of Oxonia Active	ANZ	0.15 - 0.33 %v/v	10
Hard surface food contact sanitisers	Oxysept Agri	A stabilized peroxyacetic acid sanitiser. It is used to sanitise hard non-porous. The stabilized peroxyacetic acid ensures powerful sanitising properties against a broad range of bacteria.	ANZ	0.4 - 1.0 %v/v	10
Hard surface food contact sanitisers	SYNERGEX	A next generation antimicrobial agent for use in the dairy processing industry. Synergex uses a unique combination of advanced peracid antimicrobials to provide significant and progressive benefits to food quality, safety and plant productivity.	ANZ	0.112 - 0.195 %v/v	5

► **Learn more:** Consult your Ecolab representative for more information

RESPONSE

Simple steps to keep you safe



1. Report any suspected incidents to management



2. Follow Ecolab guidelines for novel coronavirus



3. Send individuals who show symptoms of the virus to the hospital



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



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