

'Wuhan' Coronavirus (2019-nCoV)

What is it it?

According to the Center for Disease Control (CDC), 2019 Novel Coronavirus (2019-nCoV) is a pneumonia-like virus that was discovered last month in Wuhan, central China. The virus has killed at least 81 people and infected more than 2,700 others. So far, the virus has spread to several other countries, including the US – where at least five cases have been reported (California, Illinois, Washington state, and Arizona).

How can it be transmitted?

The 2019-nCoV appears to spread by person to person contact like:

- Air by coughing and sneezing (on droplets)
- Close person contact
- High Risk Respiratory procedures such as bronchoscopies, intubation etc

It may also spread by touching contaminated objects or surfaces and the touching your mouth, nose, or eyes.

What are the symptoms?

- Sudden Fever
- Cough
- Headache
- Stuffy/Runny Nose
- Sore Throat
- Muscle and join pain, body aches and fatigue

How can we prevent it?

Currently there are no vaccines that protect against human Coronavirus infection. The best and recommended practices are hand hygiene, which is washing with soap and water, or use of alcohol-based hand rubs. Avoid contact with people who are sick, avoid touching eyes, nose or mouth. Lastly be sure to clean and disinfect surfaces contaminated with respiratory secretions from sick people.

No disinfectant efficacy test is currently available for the 2019-nCoV, Below are recommended disinfectants from our suppliers, susceptible to the human coronavirus

Product	Oxivir®1 RTU / Wipes	Oxivir® Tb RTU / Wipes	Oxivir® Five 16	Alpha® HP Multisurface Disinfectant Cleaner	Avert™ Sporicidal Disinfectant Cleaner/Wipes	Virex® II 256	Virex® Tb	Virex® Plus	Expose® II 256	MoonBeam®3 UV Disinfection
Contact Time (Min)	1	1	5	5	1	5	3	3	10	3
										



How can LACOSTA help?

LACOSTA is prepared to meet any increased customer demand, and provide additional disinfecting and cleaning in order to provide our customers with a healthy and clean environment. We can also provide increased demand for hand hygiene and surface disinfecting products. Contact your LACOSTA Site Operations Manager for more information on additional disinfection/sanitation.

What happens if an area has been contaminated?

When preparing to clean, sanitize, and disinfect any space- An area or site risk assessment should be conducted.

1. Incident Site Risk Assessment: When an area needs to be sanitized or disinfected, be sure to gather as much information as possible, prior to going to the site. This will give you get a better picture and define the needs of the job.

- a. Once at the site a clear zone, transition zone, and the operating zone must be established. This is a crucial step to control infections/contaminations.

2. Pre-Bio Test: When and where applicable perform a pre-bio test. As an example, in some situations and ATP Meter is used to determine if the initial state of cleanliness is appropriate.

3. Pre-Disinfecting: In a case where there is a lot of contamination and load reduction will be completed, you can include a disinfection step where (for example) disinfectant is sprayed, this will reduce the viral or bacterial contamination prior to entering the site.

4. Load Reduction: This refers to the removal and disposal of gross bicontamination. Load Reduction is needed when the biological contamination is present.

5. Detailed Forensic Cleaning:

- a. Vertical and Horizontal surfaces are cleaned.
- b. Linear overlapping strokes via mechanical action (by hand). No circular motions and no scrubbing
- c. With forensic cleaning this is typically taught as a 2-step process. First, with a dry towel (microfiber preferred) and then repeated with a detergent cleaning solution.

6. Post-Bio Test: It should be determined ahead of time how the cleaning, sanitation and disinfection process will be validated. Will a ATP meter be used or another form for validation?

7. Post Disinfection: This is an extremely important step! Once again an appropriate disinfectant applicable for the infectious agent must be used. Sprayers, Foggers, Electrostatic Sprayers are very helpful in this step