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Property and Asset Disinfection

CONTROLLING THE SPREAD OF DISEASE

With proper hygiene and surface cleaning protocols, infections and re-infections can be prevented. ACT is committed to provide services to our clients to assist in surface disinfection. Whether it is from bio-hazard clean-up or helping slow the spread of infections, we are ready to assist nationwide.

WHAT YOU SHOULD KNOW TO HELP PLAN

Coronavirus and How It Spreads

According to the CDC, the new Coronavirus (COVID-19) is a new disease and they are still learning how it spreads, but it may be possible that a person can get a Coronavirus (specifically COVID-19) by touching a surface or object that has the virus on it and then touching their own mouth, nose, or their eyes.

Coronaviruses are enveloped viruses, meaning they are a type of virus that can be killed with the appropriate disinfectant product, according to the Environmental Protection Agency.

How to Respond?

Surface disinfection plays an important role in the chain of infection. For example, hand hygiene effects can be significantly compromised if surface disinfection is not conducted properly.^{1,2}

Basic protective measures against virus transmission should be used in addition to surface disinfection to best protect against the spread of infection. Allowing ACT to disinfect your property, when in need, can help.

What are the benefits of QACs over other chemicals for surface disinfection?

Quaternary Ammonium Compounds (quats or QAC) are widely used in the healthcare environment for disinfection on non-critical environmental surfaces, including floors and walls. QACs tend to be relatively broad spectrum, and demonstrate good cleaning ability while being compatible with a variety of surfaces.

Most quats are effective against Gram-negative and Gram-positive bacteria, and enveloped viruses, such as coronaviruses.³

- **Fast Acting**
Newer QACs are now available with dwell times as low as 3 minutes to kill many common healthcare associated pathogens
- **Lower Cost**
At dilution, QACs tend to be one of the lower cost disinfectant technologies, and are effective for use from floor to ceiling³
- **Effective**
QACs alone have the ability to mitigate 37 of the top 50 organisms as well as persistent organisms.⁴



¹Kundrapu S, Sunkesula V, Juri JA, Sittler BM, Donskey CJ. Daily Disinfection of High-Touch Surfaces in Isolation Rooms to Reduce Contamination of Healthcare Workers' Hands. Infect Control Hosp Epidemiol. 2019;143(10):1184-1189.
²Hoop MK, Hoesly TP, Keene JM. A Nosocomial Outbreak Related to Contaminated Surfaces. J Infect Dis. 2011;204:149-54.
³Tim Cauchemez, senior clinical advisor, infection prevention, DiversyCare
⁴Alamir M, McCornell G, Thomas V. 2009. Disinfection efficacy against parvoviruses compared with reference viruses. J Hosp Infect. 72:64-70. <http://dx.doi.org/10.1093/j/hin/2009.05.016>.



2020 Disinfection Pricing

Per cubic foot pricing includes fogging of the room chamber:

10 cents per cubic foot

Per Surface Square Foot includes disinfection of room surfaces- walls, horizontal surfaces and contents:

29 cents per surface square foot

All disinfection jobs have a minimum trip cost of \$500.00

* Pricing includes drive time, set up and Personal Protective Equipment. Pricing is subject to change

Basic Protective Measures against the new Coronavirus

Wash your hands frequently

Regularly and thoroughly clean your hands with an alcohol-based hand rub or wash them with soap and water.

Why? Washing your hands with soap and water or using alcohol-based hand rub kills viruses that may be on your hands.

Maintain social distancing

Maintain at least a 3 feet distance between yourself and anyone who is coughing or sneezing.

Why? When someone coughs or sneezes, they spray small liquid droplets from their nose or mouth which may contain virus. If you are too close, you can breathe in the droplets, including the COVID-19 virus if the person coughing has the disease.

Avoid touching eyes, nose and mouth

Why? Hands touch many surfaces and can pick up viruses. Once contaminated, hands can transfer the virus to your eyes, nose or mouth. From there, the virus can enter your body and can make you sick.

Practice respiratory hygiene

Make sure you, and the people around you, follow good respiratory hygiene. This means covering your mouth and nose with your bent elbow or tissue when you cough or sneeze. Then dispose of the used tissue immediately.

Why? Droplets spread virus. By following good respiratory hygiene, you protect the people around you from viruses such as cold, flu and COVID-19.

If you have fever, cough and difficulty breathing, seek medical care early

Stay home if you feel unwell. If you have a fever, cough and difficulty breathing, seek medical attention and call in advance. Follow the directions of your local health authority.

Why? National and local authorities will have the most up to date information on the situation in your area. Calling in advance will allow your health care provider to quickly direct you to the right health facility. This will also protect you and help prevent spread of viruses and other infections.

Stay informed and follow advice given by your healthcare provider

Stay informed on the latest developments about COVID-19. Follow advice given by your healthcare provider, your national and local public health authority or your employer on how to protect yourself and others from COVID-19.

Why? National and local authorities will have the most up to date information on whether COVID-19 is spreading in your area.

Information taken from the World Health Organization Website:

<https://www.who.int/emergencies/diseases/novel-coronavirus-2019/advice-for-public>