



Cleaning and Disinfection Amid COVID-19 Diagnosis of Employee/Customer

Information for Establishment Owners and Persons-in-Charge

Do you have an employee/customer that has notified you that they have been diagnosed with COVID-19 or live in a household/have been exposed to anyone with a confirmed case of COVID-19?

1. Anyone who believes they have been exposed to an individual diagnosed with COVID-19 should call the Division of Public Health (DPH) Coronavirus Call Center at 1-866-408-1899 to be provided guidance by DPH.
2. At a school, daycare center, office, food establishment or other facility that does not house people overnight:
 - It is recommended to close off areas used by the ill persons and wait as long as practical before beginning cleaning and disinfection to minimize potential for exposure to respiratory droplets. Open outside doors and windows to increase air circulation in the area. If possible, wait up to 24 hours before beginning cleaning and disinfection.
 - Cleaning staff should clean and disinfect all areas (e.g., offices, bathrooms, and common areas) used by the ill persons, focusing especially on frequently touched surfaces.
3. At a facility that does house people overnight:
 - Follow Interim Guidance for [US Institutions of Higher Education](#) and work with DPH to isolate ill persons.
 - It is recommended to close off areas used by the ill persons and wait as long as practical before beginning cleaning and disinfection to minimize potential for exposure to respiratory droplets. Open outside doors and windows to increase air circulation in the area. If possible, wait up to 24 hours before beginning cleaning and disinfection.
 - In areas where ill persons are being housed in isolation, follow [Interim Guidance for Environmental Cleaning and Disinfection for U.S. Households with Suspected or Confirmed Coronavirus Disease 2019](#). This includes focusing on cleaning and disinfecting common areas where staff/others providing services may come into contact with ill persons, but reducing cleaning and disinfection of bedrooms/bathrooms used by ill persons to as needed.
 - In areas where ill persons have visited or used, continue routine cleaning and disinfection outlined in this guidance.
4. How to clean and disinfect:

Surfaces

- Wear disposable gloves when cleaning and disinfecting surfaces. Gloves should be discarded after each cleaning. If reusable gloves are used, those gloves should be dedicated for cleaning and disinfection of surfaces for COVID-19 and should not be used for other purposes. Consult the manufacturer's instructions for cleaning and disinfection products used. [Clean hands](#) immediately after gloves are removed.
- If surfaces are dirty, they should be cleaned using a detergent or soap and water prior to disinfection.

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- For disinfection, diluted household bleach solutions, alcohol solutions with at least 70% alcohol, and most common EPA-registered household disinfectants should be effective.
 - Diluted household bleach solutions can be used if appropriate for the surface. Follow manufacturer's instructions for application and proper ventilation. Check to ensure the product is not past its expiration date. Never mix household bleach with ammonia or any other cleanser. Unexpired household bleach will be effective against coronaviruses when properly diluted.
 - Prepare a bleach solution by mixing:
 - 5 tablespoons (1/3rd cup) bleach per gallon of water or
 - 4 teaspoons bleach per quart of water
 - [Products with EPA-approved emerging viral pathogens claims](#) are expected to be effective against COVID-19 based on data for harder to kill viruses. Follow the manufacturer's instructions for all cleaning and disinfection products (e.g., concentration, application method and contact time, etc.).
 - For soft (porous) surfaces such as carpeted floor, rugs, and drapes, remove visible contamination if present and clean with appropriate cleaners indicated for use on these surfaces. After cleaning:
 - Launder items as appropriate in accordance with the manufacturer's instructions. If possible, launder items using the warmest appropriate water setting for the items and dry items completely, or Use products with the EPA-approved emerging viral pathogens claims (examples at [this link](#)) that are suitable for porous surfaces.

Clothing, towels, linens and other items that go in the laundry

- Wear disposable gloves when handling dirty laundry from an ill person and then discard after each use. If using reusable gloves, those gloves should be dedicated for cleaning and disinfection of surfaces for COVID-19 and should not be used for other household purposes. [Clean hands](#) immediately after gloves are removed.
 - If no gloves are used when handling dirty laundry, be sure to wash hands afterwards.
 - If possible, do not shake dirty laundry. This will minimize the possibility of dispersing virus through the air.
 - Launder items as appropriate in accordance with the manufacturer's instructions. If possible, launder items using the warmest appropriate water setting for the items and dry items completely. Dirty laundry from an ill person can be washed with other people's items.
 - Clean and disinfect clothes hampers according to guidance above for surfaces. If possible, consider placing a bag liner that is either disposable (can be thrown away) or can be laundered.

5. Personal Protective Equipment (PPE) and Hand Hygiene:

- Cleaning staff should wear disposable gloves and gowns for all tasks in the cleaning process, including handling trash.
- Gloves and gowns should be compatible with the disinfectant products being used.
- Additional PPE might be required based on the cleaning/disinfectant products being used and whether there is a risk of splash.
- Gloves and gowns should be removed carefully to avoid contamination of the wearer and the surrounding area. Be sure to [clean](#) hands after removing gloves.
- Gloves should be removed after cleaning a room or area occupied by ill persons. [Clean hands](#) immediately after gloves are removed.
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Cleaning staff should immediately report breaches in PPE (e.g., tear in gloves) or any potential exposures to their supervisor.

- Cleaning staff and others should [clean](#) hands often, including immediately after removing gloves and after contact with an ill person, by washing hands with soap and water for 20 seconds. If soap and water are not available and hands are not visibly dirty, an alcohol-based hand sanitizer that contains 60%-95% alcohol may be used. However, if hands are visibly dirty, always wash hands with soap and water.
- Follow normal preventive actions while at work and home, including cleaning hands and avoiding touching eyes, nose, or mouth with unwashed hands.
 - Additional key times to clean hands include:
 - After blowing one's nose, coughing, or sneezing
 - After using the restroom
 - Before eating or preparing food
 - After contact with animals or pets
 - Before and after providing routine care for another person who needs assistance (e.g., a child).

**For additional information and resources, visit de.gov/coronavirus, call the DPH Coronavirus Call Center at 1-866-408-1899, or email DPHCall@delaware.gov
Monday- Friday, 8:30 a.m.-4:30 p.m.**

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