Facility Hygiene: Cleaning & Facility Preparedness

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What You See & What you Don’t See

- Microorganisms are smaller than what the human eye can see and They are EVERYWHERE!
- Not All Microorganisms are Bad!
- Many Microorganisms and some spores can live for several months on undisturbed surfaces.
- Many Surfaces and Materials can appear to be clean but can be many different Microorganisms present.
- Staining or surface wear are not necessarily dirty.
What Chemicals are Which? Good, Better & Best

Disinfecting Chemicals

1. “Do It Yourself Cleaners”
2. Consumer Disinfectants & Cleaners
3. Industrial Disinfectants

What’s in your Cleaning Bucket?

** Check the EPA N-List of Registered Disinfectants for Use against SARS-CoV-2 or contact the Product Manufacturer.
Safety First!!!

Chemical Safety

- Many Chemicals can be harmful when they come in direct contact with your body.
- Always read the product label and its Safety Data Sheet before using a Chemical it will provide:
  - Product Warning information
  - Compatibility with other Chemicals
  - Special PPE Requirements
  - Chemical Ingredients & Toxicity
- **NEVER** Mix different chemicals!

Personal Protective Equipment (PPE)

- **Wear Gloves** when using cleaning and disinfecting chemicals.
- Do Hand Hygiene before putting gloves on and after taking them off.
- **Wear Eye Protection** if there is a concern of chemical or fluid splashes.
- Consider having an eye wash station or eye rinse available for immediate First Aid.
What is Dwell Time?

- Dwell Time is the time a chemical needs to remain wet on a surface to be effective in disinfecting against known Pathogens.
- The EPA in conjunction with the CDC have created the “N List” database of disinfecting products.
- The “N List” is specific to Sars-Cov-2, but is not an all inclusive list of effective products.
- It includes Dwell Time information and in the chemical’s concentration requirements to be effective.

** Check the EPA N-List of Registered Disinfectants for Use against SARS-CoV-2 or contact the Product Manufacturer.
Alternative Disinfection Processes

- Costly - $1,500 to $20,000 per unit
  - Misting Machines
    - Many are Electro-static Machines
    - Can be used to treat Furniture
  - UV Light Disinfection
    - UV-C specific
    - Harmful for Humans
  - Fogging or Misting Systems
    - Hydrogen Peroxide Vapor System
    - High Level Disinfections Process
How do you Clean What & How Often?

- High Touch Surfaces and Areas
  - Public Spaces, such as Waiting Rooms or Seating Areas.
  - Work Spaces
  - Restrooms
  - Break Rooms
- High Touch Points should be cleaned with higher frequency.
- Disinfection after every touch is not always feasible for some surfaces.
- Increased Hand Hygiene between Contact with Surfaces and Items.

*** Wearing Gloves regularly DOES NOT help keep surfaces clean but can lead to cross contamination between multiple surfaces.
How Do I Re-Open?
Take time to Open the Right Way...

GUIDANCE FOR CLEANING & DISINFECTING
PUBLIC SPACES, WORKPLACES, BUSINESSES, SCHOOLS, AND HOMES

1 DEVELOP YOUR PLAN
DETERMINE WHAT NEEDS TO BE CLEANED. Areas unoccupied for 7 or more days need only routine cleaning. Maintain existing cleaning practices for outdoor areas.
DETERMINE HOW AREAS WILL BE DISINFECTED. Consider the type of surface and how often the surface is touched. Prioritize disinfecting frequently touched surfaces.
CONSIDER THE RESOURCES AND EQUIPMENT NEEDED. Keep in mind the availability of cleaning products and personal protective equipment (PPE) appropriate for cleaners and disinfectants.

2 IMPLEMENT
CLEAN VISIBLY DIRTY SURFACES WITH SOAP AND WATER prior to disinfection.
USE THE APPROPRIATE CLEANING OR DISINFECTANT PRODUCT. Use an EPA-approved disinfectant against COVID-19, and read the label to make sure it meets your needs.
ALWAYS FOLLOW THE DIRECTIONS ON THE LABEL. The label will include safety information and application instructions. Keep disinfectants out of the reach of children.

3 MAINTAIN AND REVISE
CONTINUE ROUTINE CLEANING AND DISINFECTION. Continue or revise your plan based upon appropriate disinfectant and PPE availability. Dirty surfaces should be cleaned with soap and water prior to disinfection. Routinely disinfect frequently touched surfaces at least daily.
MAINTAIN SAFE PRACTICES such as frequent handwashing, using cloth face coverings, and staying home if you are sick.
CONTINUE PRACTICES THAT REDUCE THE POTENTIAL FOR EXPOSURE. Maintain social distancing, staying six feet away from others. Reduce sharing of common spaces and frequently touched objects.

Follow guidance from state, tribal, local, and territorial authorities.

For more information, please visit CORONAVIRUS.GOV
Stay Safe, So You Can Stay Open!
Resource Links

EPA N-List: Registered Disinfectants for Use against SARS-CoV-2:
https://www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2

CDC Guide to Disinfecting Building Facilities:

CDC Reopening Guidance for Cleaning and Disinfecting Public Spaces, :

American Library Association Pandemic Preparedness Resources:
http://www.ala.org/alcts/preservationweek/resources/pandemic
http://www.ala.org/tools/atoz/pandemic-preparedness

NCPTT COVID19 Basics: Disinfecting Cultural Resources:
https://www.ncptt.nps.gov/blog/covid-19-basics-disinfecting-cultural-resources/

New England Journal of Medicine: Aerosol and Surface Stability of SARS-CoV-2:

National Restaurant Association Coronavirus Information and Resources:
https://restaurant.org/covid19#food-safety

CDC Reopening Guidance for Building Water Systems: