

Recommended Disinfectant Use in Public Facilities during COVID-19 Pandemic

Cleaning refers to the removal of visible dirt, grime and impurities. Cleaning does not kill germs but helps remove them from the surface. Clean all frequently touched surfaces to remove visible dirt; use regular household soap or detergent and water. Always clean a surface before disinfecting.

Disinfecting refers to using a chemical to kill germs on surfaces. This is most effective after surfaces are cleaned. Both steps are important to reduce the spread of infection. Disinfect all frequently touched surfaces to kill germs and viruses on surfaces.

Note: Do not mix cleaner (i.e. soap/detergent) with disinfectant.

Use	Disinfectant and Concentration Required	Contact Time
To Disinfect High Touch Surfaces and Common Areas (i.e. doorknobs, light switches, sink taps, washrooms, staff rooms, etc.)	Use a disinfectant that has a Drug Identification Number (DIN) and a virucidal claim (efficacy against viruses). or Chlorine a solution of sodium hypochlorite which acts as a strong oxidizer. e.g. *Bleach (5.25% Chlorine) 1:50 solution of Javex® or Clorox® 1000ppm – 20mL (4 tsp) household bleach to 1 litre water	Follow manufacturer's instructions One minute
To Disinfect Food Contact Surfaces,*Toys, and other environmental surfaces	Chlorine a solution of sodium hypochlorite which acts as a strong oxidizer. e.g. 1:500 solution of Javex® or Clorox® bleach 100ppm – 2mL (1/2 tsp) household bleach to 1 litre water *Use a 100ppm chlorine solution to disinfect washable toys	Two minutes
	QUATS (Quaternary Ammonia Solution) 200ppm	Follow manufacturer's instructions Note: QUATS cannot be used with cotton cloths (microfiber recommended)
	0.5 % Hydrogen Peroxide Enhanced Action (with a disinfectant claim) Accelerated Hydrogen Peroxide e.g. Virox®	Follow manufacturer's instructions Product must have a DIN issued by Health Canada
	Iodine 12.5 – 25ppm	Follow manufacturer's instructions

***Household Bleach Dilution ratio:** These solutions should be mixed daily for best results.

Refer to AHS COVID-19 Public Health Recommendations for Environmental Cleaning of Public Facilities:

<https://www.albertahealthservices.ca/assets/info/ppih/if-ppih-covid-19-environmental-cleaning-public-facilities.pdf>

Hard-surface disinfectants and hand sanitizers (COVID-19): List of disinfectants with evidence for use against COVID-19

<https://www.canada.ca/en/health-canada/services/drugs-health-products/disinfectants/covid-19/list.html>

*** Test disinfectants** using appropriate test strips to ensure proper concentration



SAMPLE CLEANING SCHEDULE

Enhanced Environmental Cleaning Measures:

- Thorough cleaning and disinfection of common areas and frequently touched/“high touch” surfaces and equipment can assist in disrupting disease transmission.
- High touch surfaces must be cleaned and disinfected frequently during an outbreak i.e. if surfaces are being cleaned once this should be increased to **more than once a day and as needed**.
- Cleaning and disinfecting refers to a **two-step process** i.e. must clean before you disinfect.
- At the end of the outbreak a thorough cleaning and disinfection of all affected areas should be completed.

Community: _____

Facility: _____

Cleaned by: _____

Date: _____

	Entrance / Reception Area	After each use	Daily plus when necessary (increase frequency during outbreak)	Weekly	Monthly	Other
1	Floors are clean, including edges and corners. There is no dust or dirt present.		X			
2	Walls, doors, door frames, knobs and light switches have been wiped clean and disinfected.		X			
3	All furniture has been wiped clean.			X		When necessary
4	All washable toys have been wiped clean and disinfected. There are no soft toys present.	X				
5	Telephones have been wiped clean and disinfected.		X			
6	Counters have been wiped clean and disinfected.		X			
7	Waterless hand washing dispenser has been wiped clean and disinfected and the single cartridge replaced, if required.		X			
8	The area immediately inside the entrance door has been washed and disinfected.		X			
9	Garbage and recycling containers have been cleaned and disinfected and lined with new plastic bags.		X			

	Classroom/Office Areas	After each use	Daily plus when necessary (increase frequency during outbreak)	Weekly	Monthly	Other
1	Overall appearance of the environment is tidy and uncluttered.		X			
2	Floors are clean and disinfected, including edges and corners. There is no dust or dirt present.		X			
3	Walls, door, door frames, knobs and light switches have been cleaned and disinfected.		X			
4	Storage areas and shelves have been cleaned.				X	When necessary
5	Desks and chairs have been wiped clean.		X			
6	Telephones have been wiped clean.		X			
7	Window ledges have been wiped clean.			X		
8	Curtains or blinds are clean.				X	
10	Garbage container has been cleaned and disinfected and lined with a new plastic bag.			X		
	Bathroom	After each Use	Daily plus when necessary (increase frequency during outbreak)	Weekly	Monthly	Other
1	Floors are clean and disinfected, including edges and corners. There is no dust or dirt present.		X			
2	The walls, doorframes, knobs and light switches have been cleaned and disinfected.		X			
3	The sink and taps are clean and disinfected.		X			
4	The soap dispenser; paper towel dispenser and toilet paper holder are filled, wiped clean and disinfected.		X			
5	The mirror has been wiped clean.		X			When necessary

6	The garbage container has been emptied, wiped clean, disinfected and lined with a new plastic bag.		X			
7	The toilet tank, bowl, top, and underside of the seat have been cleaned and disinfected.		X			
	Kitchen and Food Preparation Area	After Each Use	Daily plus when necessary (increase frequency during outbreak)	Weekly	Monthly	Other
1	Floors are clean and disinfected, including edges and corners. There is no dust or dirt present.		X			
2	Door frames; knobs, and light switches have been cleaned and disinfected		X			
3	Counters and tables have been wiped clean and disinfected.		X			Before and after food prep
4	Microwave has been wiped clean, inside and outside.			X		When necessary
5	Refrigerator has been wiped clean, inside and outside; the freezer compartment is defrosted and clean.					When necessary
6	Stove top has been cleaned.		X			
7	Dishwasher has been wiped clean, inside and outside.		X			
8	Coffee maker has been wiped clean and the pot washed clean.		X			
9	All small appliances, e.g. toaster and kettle, have been wiped clean.		X			
10	Soap dispenser and paper towel dispenser are clean.		X			
11	Sink and taps have been thoroughly cleaned and disinfected.		X			
12	Garbage and recycle containers have been cleaned and disinfected and lined with new plastic bags.		X			