

Disinfection solutions using household bleach (5.25% bleach):

Low Level Disinfectant 100 PPM* (1:500 dilution of bleach to water)	Intermediate Level Disinfectant 1000 PPM* (1:50 dilution of bleach to water)	High Level Disinfectant 5000 PPM* (1:10 dilution of bleach to water)
Low level disinfectant is for items that come in contact with intact skin, or items that do not ordinarily touch the client. Used for routine housekeeping.	Intermediate disinfectant is for items that come in contact with nonintact skin or mucous membranes but do not penetrate them.	High level disinfectant is for items that come in contact with nonintact skin or mucous membranes but do not penetrate them or for cleaning blood spills.
Mix	Mix	Mix
1 tsp of bleach with 10 cups of water or 5ml of bleach with 2 ½ litres of water	2 tsp of bleach with 2 cups of water or 10ml of bleach with 500ml of water	¼ cup of bleach with 2 ¼ cups of water or 63ml of bleach with 562ml of water
Contact Time 10 minutes	Contact Time 10 minutes	Contact Time 10 minutes

Additional Notes:

- Area or equipment for disinfection **must** be cleaned with soap and water before being disinfected.
- A new bleach solution must be made fresh daily.
- Ensure bottles used for bleach solutions are labelled.

*Concentration is approximate due to simplification of mixing recipe.

For more information please call Peel Public Health at 905-799-7700 and ask to speak to a public health inspector.

Adopted from the *Infection Prevention and Control Best Practices for Personal Services Settings* produced by the Ministry of Health and Long Term Care, 2009