

Disinfection Chart

Level of Disinfectant	Where/when to use	Preparation of Disinfectant Solution	Concentration & Contact Time
Low Level: Kills most bacteria and some fungi and viruses	➤ Floors, walls, washrooms, toys, countertops, tables	5 ml (1 tsp.) household bleach + 2.5 Liters (10 cups) water	Use 1:500 (100 ppm) chlorine bleach solution for a minimum of 1-2 minutes (1 part bleach and 499 parts water).
Intermediate Level: Kills most bacteria, fungi, viruses and mycobacteria.	➤ Diaper changing area, potty chairs	5 ml (1 tsp.) household bleach + 495 ml (2 cups) water	Use 1:100 chlorine bleach (500 ppm) for a minimum of 10 minutes solution (1 part bleach and 99 parts water).
High Level: Kills all bacteria, fungi, and viruses except for bacterial spores	➤ During an outbreak ➤ Any confirmed case of viral/bacterial infection ➤ Blood spills, vomit, body fluids or fecal contamination	50 ml (1/4 cups) household bleach + 450 ml (2 1/4 cups) water	Use 1:10 chlorine bleach solution (5000 ppm) for a minimum of 10 minutes (1 part bleach and 9 parts water).

Don't forget:

- Clean all items and surfaces with soap and water before disinfecting
- Make disinfectant solution fresh daily and test the solution using the appropriate test kit
- Apply disinfectant solution
- Follow appropriate contact time as listed above
- Allow to air dry

* Solutions can be applied by using various methods allowing for adequate contact time.

Following are some suggestions:

- Spray diaper-changing surfaces and potties
- Use cloths rinsed in sanitizing solution for food preparation areas, or large toys, books, puzzles and activities centers
- Try dipping the objects into a container filled with the disinfectant solution for smaller toys