



## Bleach Solutions for Disinfecting

Disinfecting removes most microorganisms that can cause disease. Disinfectants are only used to disinfect and must not be used as general cleaning agents.

To disinfect:

1. Assemble required materials
2. Put on personal protective equipment (PPE) (e.g. gloves)\*
3. Clean the area with water and detergent
4. Apply disinfectant for at least one minute
5. Remove PPE
6. Clean your hands\*\*

Bleach and Water Solution	Use	Contact Time
5ml of bleach to 495ml of warm water 500ppm (using 5.25%hypochlorite)	Toys Diaper Change Tables Water Play Tables Animal Cages Play Mats	Minimum 1 minute Allow to air dry
50ml of bleach to 450ml of warm water 5000ppm (using 5.25%hypochlorite)	Blood Spills Body Fluid Spills	Minimum 1 minute Allow to air dry

Make a fresh solution with **warm water** daily. Clearly label the container and keep it out of reach of children. A straight stream nozzle should be used to apply the solution to surfaces.

\*Follow [\*\*Glove Use Information Sheet\*\*](#)

\*\*Follow [\*\*Choosing and Using a Disinfectant Information Sheet\*\*](#)

References: Weber, J. et al (1999). The effect of Blood on the Antiviral Activity of Sodium Hypochlorite, A Phenolic, and a Quaternary Ammonium Compound. Infection Control and Hospital Epidemiology vol20 no12; CDC (2008). Guidelines for Disinfection and Sterilization in Health Care Facilities; Well Beings (2008), A Guide to Health in Child Care, third Edition,

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