CLEANING, SANITIZING AND DISINFECTING WITH CHLORINE BLEACH SOLUTION

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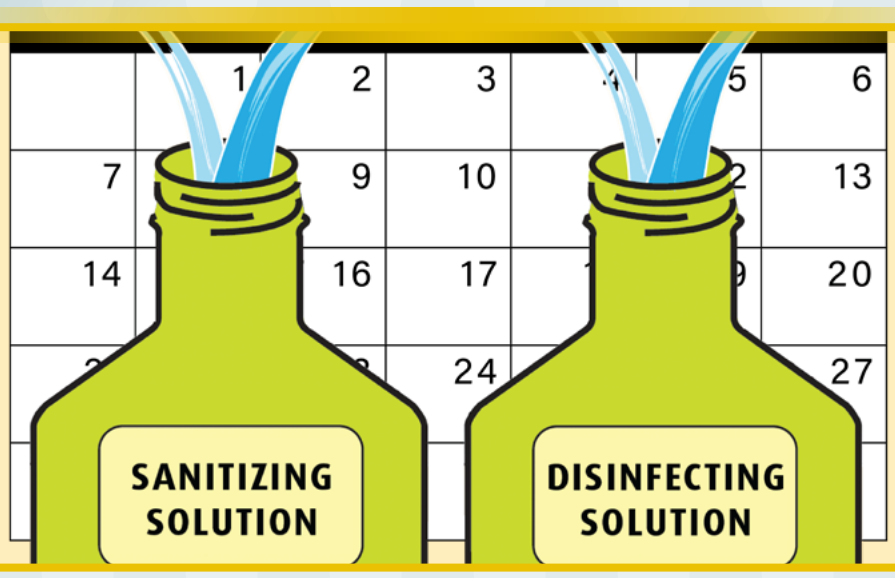

Mix chlorine bleach sanitizing and disinfecting solution daily.

Use accurate measurements of chlorine bleach and water for the correct concentration for the type of surface being sanitized or disinfected.

Label clean spray bottle (or bucket) with name and contents of solution.

2

Use test kit paper to verify strength of sanitizing solution.

(Note: test kit papers are only effective for testing chlorine bleach solutions up to 200 ppm.)

3

If surface is visibly dirty, clean surface with soap and water.

Rinse food contact surfaces with fresh water.

Put paper towel in garbage or cloth in laundry.

4

Spray solution onto entire surface or object and let sit for AT LEAST 1 minute for sanitizing or 2 minutes for disinfecting.

(See chart below for wet contact times).

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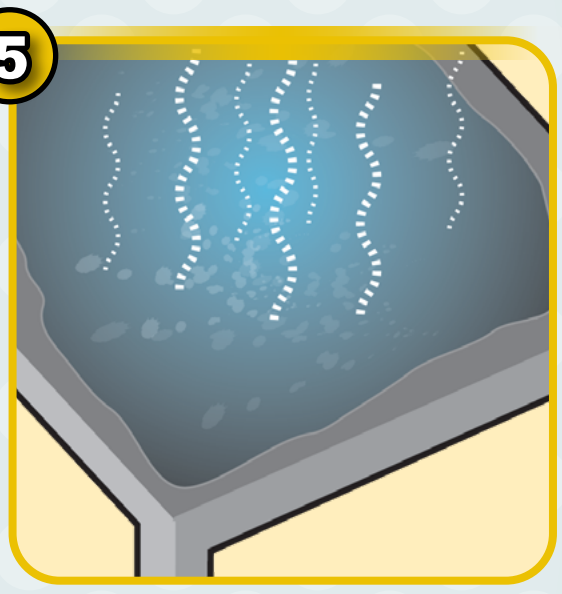

Allow to air dry or wipe surface with paper towel or clean cloth.

Put paper towel in garbage or cloth in laundry.

Wash hands.

Concentration and Wet Contact Time Chart

Concentration for Household Chlorine Bleach (5.25 % chlorine)	Wet Contact Time	Examples of When to Use
DISHWASHING (Low-level sanitizer) **Use 50 ppm of chlorine**: approximately 4 ml chlorine bleach and 4 litres of water.	**One minute**	• Manual dishwashing • Anything that children may put in their mouth (e.g. infant/toddler toys)
SURFACE SANITIZING (Low-level sanitizer) **Use 100 ppm of chlorine**: approximately • 1 ml chlorine bleach and 500 ml of water or • 8 ml chlorine bleach and 4 litres of water.	**One minute**	• Food contact surfaces for clean/sanitize in-place equipment and surfaces (food preparation and service areas, countertops, large food equipment, etc.) • Eating tables • Kitchen areas
SURFACE DISINFECTING (Low-level surface disinfectant—Everyday use) **Use 500 ppm of chlorine:** approximately • 5 ml of chlorine bleach and 500 ml of water or • 40 ml of chlorine bleach and 4 litres of water	**Two minutes**	• Non-mouthed toys, manipulatives, games • Washroom area, including pottie chairs/inserts • Diaper change pad and area • Environmental surfaces: floors, walls, play tables, chairs, door handles, light switches, phones, etc. • Blood spills, vomit, body fluids, fecal contamination
SURFACE DISINFECTING (High-level surface disinfectant—Use only when directed by a public health professional) **Use 5000 ppm of chlorine:** approximately 100 ml of chlorine bleach and 1 litre of water	**Ten minutes**	• Non-mouthed toys, manipulatives, games • Washroom area, including pottie chairs/inserts • Diaper change pad and area • Environmental surfaces: floors, walls, play tables, chairs, door handles, light switches, phones, etc. • Blood spills, vomit, body fluids, fecal contamination

Keep solution out of reach of children. Do NOT spray solution near children.

Manitoba