

Bleach Solutions for Cleaning, Rinsing, Disinfecting/Sanitizing

Basic Tips

Bleach solutions must be made fresh daily, kept away from heat, and any unused solution must be discarded at the end of the day.

Bleach must be added to cool water rather than adding water to bleach.

Wear gloves and eye protection when mixing bleach and use a funnel.

Cleaning/disinfecting/sanitizing products must not be used in close proximity to children, and adequate ventilation should be maintained during the procedure to prevent children and caregivers/teachers from inhaling potentially toxic fumes.

Solution 1: Disinfecting

For use on diaper changing tables, hand washing sinks, bathrooms, door & cabinet handles

| Water | Bleach 6 to 6.25% | Concentrated Bleach 8.25% |
|---------------------------|----------------------|---------------------------------|
| 1 gallon (16 cups) | 1/4 cup | 2 1/2 tablespoons |
| 1 quart (4 cups) | 1 tablespoon | 2 teaspoons |
| 1 pint (2 cups) | 1 1/2 teaspoons | 1 teaspoon |

Solution 2: Sanitizing

For use on eating utensils, food use contact surfaces, mixed use tables, high chair trays, plastic mouthed toys and pacifiers

| Water | Bleach 6 to 6.25% | Concentrated Bleach 8.25% |
|---------------------------|----------------------|---------------------------------|
| 1 gallon (16 cups) | 2 teaspoons | 1 to 2 teaspoons |
| 1 quart (4 cups) | 1/2 teaspoon | 1/2 teaspoon |
| 1 pint (2 cups) | 1/4 teaspoon | 1/4 teaspoon |

Important: If using an EPA-registered product, follow the manufacturer's instructions on the label for diluting the product for sanitizing or disinfecting, as well as for the contact time. Instructions are available at <http://cfoc.nrckids.org/Bleach/FindingEPARegInfo.cfm>

Three-Step Process

for disinfecting and sanitizing non-porous surfaces

- 1. Clean** the surface with soap solution first using 1/4 cup liquid detergent to 1 gallon clean water or 1 tablespoon to 1 quart of water. *Soap solutions must be made fresh weekly.*
- 2. Rinse** with clean water and dry with paper towel.
- 3. Spray** bleach solution and allow to air dry for 2 minutes before wiping dry with a paper towel.



NORTHERN KENTUCKY
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Helpline: 1-877-281-5277