

Guidelines for Mixing Bleach Solutions

NOTE: The following are guidelines for recipes and contact time. It is recommended to follow the instructions listed on the bleach label.

Disinfectant

~ 600 ppm

Use for diaper area and hard surfaces
Needs surface contact for 5 minutes

Amount of Water	Amount of Bleach Product by Concentration	
	5.25%-6.00%	8.25%
1 Gallon	2 1/2 Tablespoons	2 Tablespoons
1 Quart	2 teaspoons	1 1/2 teaspoons

- Make bleach solution fresh daily in a cloudy plastic container
- Always use regular, non-scented bleach
- Test after mixing using test strips to ensure appropriate concentration
- Date gallon bleach bottles when purchased, use within 6 months
- Store bleach, bleach solution, and all chemicals safely out of reach of children

NEVER MIX bleach with anything other than water.

Contact Child Care Aware® of North Dakota for information about using these guidelines in a child care setting.

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Resource : NDHHS Food & Lodging

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Sanitizer

~ 100 ppm

Use for mouthed toys and food contact surfaces
Needs surface contact for 2 minutes. No rinse needed

Amount of Water	Amount of Bleach Product by Concentration	
	5.25%-6.00%	8.25%
1 Gallon	1 Tablespoon	1 teaspoon
1 Quart	3/4 teaspoon	1/4 teaspoon

Read the container label to determine bleach strength. Bleach strength is determined by the percentage of the active ingredient which in bleach is sodium hypochlorite. Active ingredients may be listed in a similar manner to the examples below showing the percent of sodium hypochlorite in a container of bleach.

Active Ingredients
 Sodium Hypochlorite5.25%
 Other Ingredients.....94.75%
 Total.....100%

Active Ingredients
 Sodium Hypochlorite.....8.25%
 Other Ingredients.....91.75%
 Total.....100%