

Method for Mixing Bleach

Sanitizing using bleach concentrations of sodium hypochlorite 2.75 – 8.3%

Solution for sanitizing on Food Surfaces, in Kitchen and Classrooms	Amount of Bleach	Amount of Water	Contact time
8.25-8.3%	¼ teaspoon	1 quart	2 minutes
	1 teaspoon	1 gallon	2 minutes
5.25-6.25%	½ teaspoon	1 quart	2 minutes
	2 teaspoons	1 gallon	2 minutes
2.75%	1 teaspoon	1 quart	2 minutes
	1 tablespoon	1 gallon	2 minutes

Disinfecting using bleach concentrations of sodium hypochlorite 2.75 – 8.3%

Solution for disinfecting for Body Fluids, Bathrooms and Diapering	Amount of Bleach	Amount of Water	Contact time
8.25-8.3%	1½ teaspoons	1 quart	2 minutes
	2 tablespoons	1 gallon	2 minutes
5.25-6.25%	2¼ teaspoons	1 quart	2 minutes
	3 tablespoons	1 gallon	2 minutes
2.75%	1½ tablespoons	1 quart	2 minutes
	⅓ cup plus 1 tablespoon	1 gallon	2 minutes

(Adapted from WA DOH Guidelines for Mixing Bleach Solutions, 9/2015)

Definitions:

- **Sanitizers** are used to reduce germs from surfaces but not totally get rid of them. Sanitizers reduce the germs from surfaces to levels that are considered safe.
- **Disinfectants** are chemical products that destroy or inactivate germs and prevent them from growing. Disinfectants are regulated by the U.S. Environmental Protection Agency (EPA).

