## DILUTIONS How to Mix your Cleaning and Disinfection Solutions

Knowing your dilution ratio is important when mixing concentrated liquid cleaning/disinfecting products with water before use. The smaller the number in the ratio the larger the amount of product you will need to use to achieve correct mixing and the "stronger" the solution will be. Remember to always follow the directions on the label of the product. Keep handy a measuring cup labeled for ounces or cups and the amount that you usually use for easy measuring.

Dilution ratio	Spray bottle (24 oz.)	1-Quart container (32 oz.)	1-Gallon container (128 oz.)	5-Gallon container (640 oz.)
1:10	2 1/2 oz.	3 oz.	13 oz.	64 oz. (8 cups)
1:15	1 1/2 oz.	2 oz.	8 1/2 oz.	43 oz .(5 1/3 cups)
1:20	1 oz.	1 1/2 oz.	6 1/2 oz.	32 oz. (4 cups)
1:32	3/4 oz.	1 oz.	4 oz.	20 oz (2 1/2 cups)
1:51	1/2 oz.	3/4 oz.	2 1/2 oz.	12 1/2 oz.
1:64	1/3 oz.	1/2 oz.	2 oz.	10 oz. (1 1/4 cups)
1:85	1/4 oz.	1/3 oz.	1 1/2 oz.	7 1/2 oz.
1:128		1/4 oz.	1 oz.	5 oz.
1:200			2/3 oz.	3 oz.
1:256			1/2 oz.	2 1/2 oz.

## **Dilution chart**

Mix by adding the water first and then adding the concentrated solution of your product. This will help to prevent accidental back splash of concentrated product on to your hands or clothes. Consider wearing gloves, smock and eye protection when mixing chemicals to prevent injury in case of a spill.

## **Conversion Chart**

	Quarts	Pints	Cups	Ounces	Tablespoons
One gallon	4 quarts	8 pints	16 cup	128 oz.	256 Tbs.
One quart		2 pints	4 cups	32 oz.	64 Tbs.
One pint			2 cups	16 oz.	32 Tbs.
One cup				8 oz.	16 Tbs.
One ounce					2 Tbs.

Note: one tablespoon equals three teaspoons.

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