

# Dilution Ratio Chart

RATIO	AMOUNT OF CONCENTRATE		WATER
1:1	128 ounces	To	128 ounces
2:1	64 ounces	To	128 ounces
4:1	32 ounces	To	128 ounces
6:1	21.4 ounces	To	128 ounces
8:1	16 ounces	To	128 ounces
10:1	12.8 ounces	To	128 ounces
16:1	8 ounces	To	128 ounces
20:1	6.4 ounces	To	128 ounces
30:1	4.3 ounces	To	128 ounces
40:1	3.2 ounces	To	128 ounces
50:1	2.6 ounces	To	128 ounces
64:1	2 ounces	To	128 ounces
100:1	1.3 ounces	To	128 ounces
128:1	1 ounce	To	128 ounces
175:1	.75 ounce	To	128 ounces
256:1	.50 ounce	To	128 ounces
512:1	.25 ounce	To	128 ounces
600:1	.22 ounce	To	128 ounces
800:1	.16 ounce	To	128 ounces
1000:1	.13 ounce	To	128 ounces

## CONVERSION CHART

1 Gallon= 128 Ounces  
 1 Quart= 32 Ounces  
 1 Pint= 16 Ounces  
 1 Cup= 8 Ounces  
 1 Ounce= 1/8 Cup  
 2 Cups= 1 Pint  
 2 Pints= 1 Quart  
 4 Quarts= 1 Gallon

## METRIC VOLUME EQUIVALENTS

3 teaspoons= 1 tablespoon= 15ml  
 8 tablespoons= 1/2 cup= 118ml  
 16 tablespoons= 1 cup= 237ml  
 1 fluid ounce= 2 tablespoons= 30ml  
 8 fluid ounces= 1 cup= 237ml  
 16 fluid ounces= 2 cups/ 1 pint= 473ml  
 32 fluid ounces= 4 cups/1 quart= 946ml  
 128 fluid ounces= 1 gallon= 3.8 liters

For mixes in multiple gallons, multiply the chemical amount by the gallons to get the ratio.

Example: 64:1 for 55 gallons, you would multiply the 2 ounces of chemical by 55 to get what you add to the water.

### Determining Ready-to-Use Costs from Concentration

Instructions: Divide dilution into cost per gallon

Examples:

- 1:64 dilution selling at \$12.50 per gallon- \$12.50, 64= .195 or 19.5 cents per RTU gallon.
- 1:10 dilution selling at \$7.30 per gallon- \$7.30, 10= .73 or 73 cents per RTU gallon.

### Helpful Tips

The smaller number in the ratio is the number of parts of concentrate, while the larger number is the number of parts of water.

When mixing cleaners, you may find it helpful to fill your container with the proper amount of water, and then add the concentrate followed by thoroughly mixing the