

Dilution is key to **safety** and **performance**. If you over-dilute product, the concentration is too weak; you may experience poor results which require additional time and money to remedy. Under-diluting product puts you at risk of a fume injury, chemical burns, and/or damage to the surface you're cleaning.

Action Unlimited Resources takes safety seriously and created this **helpful guide** to assure you utilize cleaning products in the safest and most effective manner.

STEP 1

Always read the label prior to use and understand the instructions.



16 oz

Dilution	Product	H2O
1:1	8 oz	8 oz
2:1	5.3 oz	10.7 oz
3:1	4 oz	12 oz
4:1	3.2 oz	12.8 oz
5:1	2.7 oz	13.3 oz
6:1	2.3 oz	13.7 oz
7:1	2 oz	14 oz
8:1	1.8 oz	14.2 oz
9:1	1.6 oz	14.4 oz
10:1	1.5 oz	14.5 oz
20:1	0.8 oz	15.2 oz
30:1	0.5 oz	15.5 oz
64:1	0.25 oz	15.75 oz
128:1	0.1 oz	15.9 oz

STEP 2

Always add water first then add your product to avoid splash back and/or foam.



32 oz (quart)

Dilution	Product	H2O
1:1	16 oz	16 oz
2:1	10.7 oz	21.3 oz
3:1	8 oz	24 oz
4:1	6.4 oz	25.6 oz
5:1	5.3 oz	26.7 oz
6:1	4.6 oz	27.4 oz
7:1	4 oz	28 oz
8:1	3.6 oz	28.4 oz
9:1	3.2 oz	28.8 oz
10:1	2.9 oz	29.1 oz
20:1	1.5 oz	30.5 oz
30:1	1 oz	31 oz
64:1	0.5 oz	31.5 oz
128:1	0.25 oz	31.75 oz

STEP 3

Follow all product handling guidelines and wear the appropriate PPE.



1 Gallon

Dilution	Product	H2O
1:1	64 oz	64 oz
2:1	42.7 oz	85.3 oz
3:1	32 oz	96 oz
4:1	25.6 oz	102.4 oz
5:1	21.3 oz	106.7 oz
6:1	18.3 oz	109.7 oz
7:1	16 oz	112 oz
8:1	14.2 oz	113.8 oz
9:1	12.8 oz	115.2 oz
10:1	11.6 oz	116.4 oz
20:1	6.1 oz	121.9 oz
30:1	4.1 oz	123.9 oz
64:1	2 oz	126 oz
128:1	1 oz	127 oz

Conversion Reference

1 Gallon = 128 Ounces
 1 Quart = 32 Ounces
 1 Pint = 16 Ounces

1 Cup = 8 Ounces
 1/2 Cup = 4 Ounces
 1/4 Cup = 2 Ounces
 1/8 Cup = 1 Ounce

2 Cups = 1 Pint
 2 Pints = 1 Quart
 4 Quarts = 1 Gallon