

# BASICS FOR DILUTING ALCOHOL FOR DIY HOME DISTILLING SPIRITS



Our short and simple method of diluting alcohol for DIY home distilling is the perfect guide to a great alcohol dilution for your pure ABV 90% spirits.

The formula below is to factor in alcohol content with the right amount of water to get the best percentage.

[thebrewmechanic.com](http://thebrewmechanic.com)

## THE FORMULA IS AS FOLLOWS, JUST A SIMPLE CALCULATION

Dilute 6 Liters of alcohol ABV @ 90% to 40%

Total volume of alcohol expected

= (Start alcohol % / desired alcohol %) X start volume (pure alcohol)

= (90% / 40%) X 6L

= **13.50L** of alcohol at 40%

How much water should be added

= **13.5L total vol** - 6L start volume (initial)

Amount water added to 6lt

= 7.5L

### Great tip for dilution for your spirit

To play it safe add 7 litres of water to the start volume, mix then check the alcohol strength using an alcoholmeter and test tube. Once satisfied add the balance of water to bring it down to the 40% mark.

