

# Wardehs Castile Soap

Created by Wardeh Harmon

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## Liquids

Water

For the size of fat batch that you are using, we recommend that you use approximately **14 to 21 fluid ounces of liquid.**

**WARNING:** Always add your solid form lye, sodium hydroxide or potassium hydroxide, to the liquid. If the liquid were added to the solid form lye a violent reaction could result. This means you could have a "volcano" erupt out of your container.

## Fats & Oils

Fat	Amount (oz wt)	% in recipe
Castor Oil	2	3.58
Coconut Oil	26	46.59
Olive Oil	26	46.59
Stearic Acid	1.8	3.23
Total Weight	55.8	

## Lye Table (NaOH)

% excess fat	Lye Amount (oz wt)
0	8.83
1	8.74
2	8.65
3	8.56
4	8.47
5	8.38
6	8.30
7	8.21
8	8.12
9	8.03
10	7.94

0% to 4% excess fat range: Proceed with caution! We do not recommend this unless actual saponification values are known and used.

5% to 8% excess fat range: This is the range we use most often.

9% to 10% excess fat range: Creates a softer soap because of the amount of excess fat.

**DISCLAIMER:** Every effort has been made to ensure that the information contained here is accurate. However due to differing conditions, tools, and individual skills we cannot guarantee the information is applicable in your situation. We are not responsible for any injuries, losses, or other damages that may result from the use this information available here.

Always wear protective goggles, gloves and other safety clothing when handling sodium hydroxide or potassium hydroxide. Refer to the appropriate MSDS for complete details.

## Notes

None