

Basic Soap Recipe with Tallow

Total oil weight	1000	Sat : Unsat Ratio	48 : 52
Water as percent of oil weight	38 %	Iodine	52
Super Fat/Discount	7 %	INS	157
Lye Concentration	26.729 %	Fragrance Ratio	0
Water : Lye Ratio	2.741:1	Fragrance Weight	0 Gm

Ingredient	Pounds	Ounces	Grams
Water	0.838	13.404	380
Lye - NaOH	0.306	4.89	138.621

#	d+9one	Oil/Fat	%	Pounds	Ounces	Grams
1	<input type="checkbox"/>	Castor Oil	5	0.11	1.764	50
2	<input type="checkbox"/>	Coconut Oil, 76 deg	25	0.551	8.818	250
3	<input type="checkbox"/>	Olive Oil pomace	35	0.772	12.346	350
4	<input type="checkbox"/>	Tallow Beef	35	0.772	12.346	350
Totals			100	2.205	35.274	1000

Quality	Range	Recipe		
Hardness	29 - 54	46	Lauric	13
Cleansing	12 - 22	20	Myristic	7
Conditioning	44 - 69	50	Palmitic	17
Bubbly	14 - 46	24	Stearic	10
Creamy	16 - 48	31	Ricinoleic	5
Iodine	41 - 70	52	Oleic	39
INS	136 - 165	157	Linoleic	6
			Linolenic	1

Additives	Notes
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