


SoapCalc ©

Recipe Name:

New

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Total oil weight	500 g	Sat : Unsat Ratio	34 : 66
Water as percent of oil weight	27.27 %	Iodine	68
Super Fat/Discount	7 %	INS	137
Lye Concentration	33.0000 %	Fragrance Ratio	31
Water : Lye Ratio	2.0303:1	Fragrance Weight	15.50 g

	Pounds	Ounces	Grams
Water	0.301	4.81	136.36
Lye - NaOH	0.148	2.37	67.16
Oils	1.102	17.64	500.00
Fragrance	0.034	0.55	15.50
Soap weight before CP cure or HP cook 	1.585	25.36	719.02

#	✓	Oil/Fat	%	Pounds	Ounces	Grams
1	<input type="checkbox"/>	Olive Oil	43.00	0.474	7.58	215.00
2	<input type="checkbox"/>	Coconut Oil, 76 deg	22.00	0.243	3.88	110.00
3	<input type="checkbox"/>	Avocado Oil	23.00	0.254	4.06	115.00
4	<input type="checkbox"/>	Castor Oil	7.00	0.077	1.23	35.00
5	<input type="checkbox"/>	Shea Butter	5.00	0.055	0.88	25.00
Totals			100.00	1.102	17.64	500.00

Soap Bar Quality	Range	Your Recipe		
Hardness	29 - 54	32	Lauric	11
Cleansing	12 - 22	15	Myristic	4
Conditioning	44 - 69	63	Palmitic	13
Bubbly	14 - 46	21	Stearic	4
Creamy	16 - 48	24	Ricinoleic	6
Iodine	41 - 70	68	Oleic	47
INS	136 - 165	137	Linoleic	9
			Linolenic	0

Additives	Notes
Turmeric: 10 gms per 500 ml oil Gram flour: 15 gms per 500 ml Honey opt1: 20 gms per 500 ml	Blend when both lye/water and oils are at 47 c. Leave inside the oven at 75 c for 1 hour then switch off and leave overnight. If adding honey, 20 gms of honey per 500 gms oil. Added to the lye. Set oven to 43-45 c and turn off when its finished pre heating, place mold inside and leave overnight. Take 20 gms of water aside for the turmeric and gram flour paste. Add at trace.

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