


SoapCalc ©

Recipe Name:

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Total oil weight	340 g	Sat : Unsat Ratio	43 : 57
Water as percent of oil weight	28.32 %	Iodine	57
Super Fat/Discount	5 %	INS	150
<b>Lye Concentration</b>	<b>33.0000 %</b>	Fragrance Ratio	31
Water : Lye Ratio	2.0303:1	Fragrance Weight	10.54 g

	Pounds	Ounces	Grams
Water	0.212	3.40	96.29
Lye - <b>NaOH</b>	0.105	1.67	47.43
Oils	0.750	11.99	340.00
Fragrance	0.023	0.37	10.54
Soap weight before CP cure or HP cook 	1.090	17.43	494.25

#	✓	Oil/Fat	%	Pounds	Ounces	Grams
1	<input type="checkbox"/>	Olive Oil	30.00	0.225	3.60	102.00
2	<input type="checkbox"/>	Coconut Oil, 76 deg	20.00	0.150	2.40	68.00
3	<input type="checkbox"/>	Lard, Pig Tallow Manteca	40.00	0.300	4.80	136.00
4	<input type="checkbox"/>	Shea Butter	2.50	0.019	0.30	8.50
5	<input type="checkbox"/>	Castor Oil	5.00	0.037	0.60	17.00
6	<input type="checkbox"/>	Cocoa Butter	2.50	0.019	0.30	8.50
Totals			100.00	0.750	11.99	340.00

Soap Bar Quality	Range	Your Recipe		
Hardness	29 - 54	40	Lauric	10
Cleansing	12 - 22	14	Myristic	4
Conditioning	44 - 69	55	Palmitic	18
Bubbly	14 - 46	18	Stearic	9
Creamy	16 - 48	31	Ricinoleic	5
Iodine	41 - 70	57	Oleic	43
INS	136 - 165	150	Linoleic	7
			Linolenic	0

Additives	Notes
0.5 tsp sugar 1.5 tsp citric acid 0.5 tsp sodium lactate	1 tbsp kaolin clay at trace  Layer 1: No turmeric dispersion Layer 2: 1 tsp turmeric in 1 tbsp oil Layer 3: 2 tsp turmeric in 2 tbsp oil  MAKE SURE TO DISCOUNT WEIGHT OF DISPERSION OIL FROM TOTAL

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