

# Dog Soap

Monday, September 25, 2017 3:12 PM

Total oil weight	50 oz	Sat : Unsat Ratio	46 : 54
Water as percent of oil weight	28.55 %	Iodine	56
Super Fat/Discount	7 %	INS	144
<b>Lye Concentration</b>	<b>32.0000 %</b>	Fragrance Ratio	0.4
Water : Lye Ratio	2.1250:1	Fragrance Weight	1.25 oz

	Pounds	Ounces	Grams
Water	0.892	14.28	404.70
Lye - <b>NaOH</b>	0.420	6.72	190.45
Oils	3.125	50.00	1,417.48
Fragrance	0.078	1.25	35.44
Soap weight before CP cure or HP cook 	4.515	72.24	2,048.06

#	✓	Oil/Fat	%	Pounds	Ounces	Grams
1	<input type="checkbox"/>	Palm Kernel Oil	23.00	0.719	11.50	326.02
2	<input type="checkbox"/>	Tallow Beef	20.00	0.625	10.00	283.50
3	<input type="checkbox"/>	Avocado Oil	16.00	0.500	8.00	226.80
4	<input type="checkbox"/>	Karanja Oil	15.00	0.469	7.50	212.62
5	<input type="checkbox"/>	Palm Oil	10.00	0.313	5.00	141.75
6	<input type="checkbox"/>	Shea Butter	10.00	0.313	5.00	141.75
7	<input type="checkbox"/>	Castor Oil	6.00	0.188	3.00	85.05
Totals			100.00	3.125	50.00	1,417.48

Soap Bar Quality	Range	Your Recipe	Lauric	12
Hardness	29 - 54	44	Myristic	5
Cleansing	12 - 22	17	Palmitic	16
Conditioning	44 - 69	50	Stearic	11
Bubbly	14 - 46	22	Ricinoleic	5
Creamy	16 - 48	32	Oleic	38
Iodine	41 - 70	56	Linoleic	7
INS	136 - 165	144	Linolenic	0

Additives	Notes
10g EDTA 2g BHT 5 oz canned gm 2.5 oz water distilled .5 scoop sugar .4 oz Vitamin E .25 tsp each, chamomile, neem, green tea, burdock	381g 50/50 lye solution 7.48 extra liquid  Lavender .7 oz lavender Citronella .1 Peppermint.1 oz Rosemary .3

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