

Recipe

a). Overview

Individual Blue Soap Molds
5% Superfat; 38% Water
.5% Fragrance ratio (.75oz/21 grams)

b). Properties Goals (per soapcalc.net)

Conditioning 56; Cleansing 8
Bubbly & Creamy (The higher of 1, the lower the other – Castile=0)
Goal: Conditioning bar suitable for face

c). Additives

50/50 Frozen Coconut Milk/Coconut water for liquid
Refer to chart

.25oz	.50oz	.75oz	1oz
1.25tsp	3tsp	4.5tsp	6tsp
	1T	1.5T	2T
7.4ml	15ml	22ml	30ml
148d	296d	444d	591d
7.09g	14.17g	21.26g	28.35g

First Lard Soap Recipe Created on Soapcalc.net

Oil/Fat	%	Pounds	Ounces	Grams
Avocado Oil	10.0	0.250	4.00	113
Coconut Oil	12.0	0.300	4.80	136
Castor Oil	8.0	0.200	3.20	91
Lanolin	5.0	0.125	2.00	57
Olive Oil	20.0	0.500	8.00	227
Lard	45.0	1.125	18.00	510
Totals:	100%	2.5lbs	40.00	1134
Lye Mixture				
Water	38%	0.950	15.20	431
Caustic Soda	26%	0.332	5.32	151
Fragrance	0.5%	1.25 oz	35	

Quality	Range	Recipe
Hardness	29-54	34
Cleansing	12-22	8
Conditioning	44-69	56
Bubbly	14-46	16
Creamy	16-48	33
Iodine	41-70	61
INS	136-165	136
Additives		
Sodium Lactate	3%	1.2oz/34 gr
Colloidal Oats	1	Tbsp
Tussah Silk	1	Pinch
Kaolin Clay	1	Tbsp
Dendritic Salt	1	Tbsp

Colors: TD and NSS Empire Yellow Mica
NSS Kombu Green Mica, NSS Persimmon Orange, NSS Activated Charcoal, BB TD
Twilight Woods NSS

Procedure

- ☐ Prepare Lye Water: Don gloves and goggles. Use frozen 50/50 Coco Milk/Water. Add silk, oats, SL, and salt to lye water once clear. Have strainer handy.
- ☐ Measure and heat hard oils in crockpot between 110-120F. If oils get too hot, remove from heat and allow to cool.
- ☐ Prep FO/EO: CP Only - Design goal – ITPS; 60% white; 12:00 Orange; 6:00 Green; 3:00/9:00 Yellow, Center Black
- ☐ Add soft oils to crockpot and hand stir to mix; then add strained lye water to mixture.
CP: Transfer oils to bucket – stir oils to decrease temp to approx. 100F
- ☐ CP: Add FO/Clay once oils are cooled. HP: Add FO /Clay mix once soap below 140F
- ☐ Check temps every 10 minutes. Turn off crockpot at 160F. Monitor for overheating closely!!
- ☐ CP: Measure out approx 5% black, 10% each orange, green and yellow. –Stir to mix. ITPS; Pour into blue molds.
Spray with alcohol, cover with plastic wrap. – No CPOP today.