

Lemon Yellow Mica

Ingredients

Oils and fats

<input type="checkbox"/> Canola Oil	75 g	15%
<input type="checkbox"/> Castor Oil	25 g	5%
<input type="checkbox"/> Sesame Oil	25 g	5%
<input type="checkbox"/> Coconut Oil, 76 deg	125 g	25%
<input type="checkbox"/> Shea Butter	250 g	50%
<i>Total</i>	<i>500 g</i>	<i>100%</i>

Water and lye

<input type="checkbox"/> Water	175 g
<input type="checkbox"/> Lye (NaOH) (purity: 99.8%)	74.2 g
<i>(the above lye amount *includes* lye required to neutralize Citric acid (anhydrous))</i>	









Other ingredients

<input type="checkbox"/> Citric acid (anhydrous)	10 g
<input type="checkbox"/> Bergamot essential oil	5 g
<input type="checkbox"/> Mica	15 g
<input type="checkbox"/> Ylang essential oil	5 g
<input type="checkbox"/> Lemon essential oil	5 g








Recipe Totals

Superfating	5%
Total batch weight	789.2g
Total oil weight	500g
Water as % of oils	35%
Water / lye ratio	2.36:1
Lye Concentration	29.8%
Saturated : Unsaturated	46:54

Soap properties

PROPERTY	VALUE	RECOMMENDED	
Hardness	44	29-54	
Longevity	27	25-50	
Cleansing	17	12-22	
Conditioning	52	44-69	
Lather	21	14-46	
Creamy	32	16-48	
Iodine	58	41-70	
INS	140	136-165	

Fatty acids

FATTY ACID	%	
Lauric	12	
Myristic	4.8	
Palmitic	5.9	
Stearic	21.3	
Ricinoleic	4.5	
Oleic	37.4	
Linoleic	9	
Linolenic	1.4	