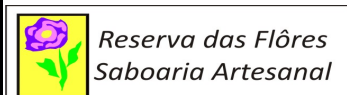


**PRODUCTION ORDER**



Product: **Coconut Soap Modified**  
 Code:  Ref:   
 Quant.(g):

Batch:   
 Date:   
 Cure date:

Item	Components	% Oils	Form %	1000 g	Supplier RM	Cost Batch	Cost %	Price \$/kg
<b>A OLIS</b>								
1	Babassu Oil	60	40,6	406,2		0,41	69,8	1,00
2	Plam Oil	10	6,8	67,7		0,07	11,6	1,00
3	Olive Oil	30	20,3	203,1				1,00
	Total Oils	100	67,7	677,0		0,47	81,4	
<b>B COLORANTS</b>								
4	Pig TiO2		0,2	2,0		0,00	0,3	1,00
<p><i>Weigh the items above - babassu and palm are solid</i>  <i>Heat in microwave until completely dissolution - 2 min high</i>  <i>Mix the pig. to essential oils. Use the mixer to incorporate well</i>  <i>Cool to 40° C</i></p>								
<b>C LYE</b>								
5	Water	32,0	21,7	216,7		0,00	0,0	0,00
6	Sodium Hydroxide	15,7	10,6	106,3		0,11	18,3	1,00
		147,7	100	323,0		0,11	18,3	
<p><i>Prepare solution separately - careful, exothermic reaction. Always add the lye over water.</i>  <i>Cool to 40° C</i>  <i>Add lye solution in the mixture of oils with manual agitation</i>  <i>With mixer, mix for 4x5 seconds until the beginning of the formation of trace</i>  <i>Observing the increase in viscosity and pour in mold</i>  <i>Maintain at 25° C for 24 hours and unmold and cut</i>  <i>Leave drying for 4 weeks in a cool dry place</i></p>								
<b>D ESSENTIAL OILS/ADDITIVES</b>								
7		0,0	0,0	0,0		0,0	0,0	0,00
8		0,0	0,0	0,0		0,0	0,0	0,00
9		0,0	0,0	0,0		0,0	0,0	0,00
10		0,0	0,0	0,0		0,0	0,0	0,00
	Total EO & Additives	0,0	0,0	0,0		0,0	0,0	
				1002,0		\$0,58	100,0	

Water loss: 7%      931,9      **\$0,62 /Kg**

Bar yield: 7      Cost per bar: \$0,03

Process Parameters	
Temp. Oils	
Temp. Lye	
Temp. Process	
Trace (L, M, H)	
Gel Formation	
pH	

lye concentration: 32,9%  
 SF 5%

Obs.