

SoapQuick All-In-One Preblended Oil

w/castor oil & ROE

revised 1/25/08

This is a pre-blended mixture of food grade oils intended primarily for soap making with sodium hydroxide. Depending on the average ambient air temperature in your location, the oils may be either solid or liquid at room temperature. If the oil blend is solid, use material from both the top and bottom of the container when using a portion of the oil. Whenever possible stir the contents well before use. This container of premixed oil has not been precision weighed. You will need to weigh-out the amount of oil you wish to use for soap making. If you want to make soap with the entire container at one time, you will need to weigh the contents of the container. The composition of this blend is as follows:

Oil Type	% of total	NaOH SAP	Amount in Ounces
			In A 4 LB (64 Ounce) Batch
Coconut Oil	28	.183	17.9
Olive Oil.....	4	.134	2.6
Palm Oil.....	28	.144	17.9
High Oleic Canola	35	.137	22.4
Castor Oil	5	.129	3.2
+ Rosemary Extract (ROE) @ 1g per kilogram of oils			
Totals	100%	.151 (Wtd. Avg. SAP)	64 ounces

SAP Value: The "Regular Soap" SAP Value (sodium hydroxide) for this blend is .151. For 3% Superfatted soap, use a SAP value of .147 ($.151 \times .97 = .147$).

Using This Blend Instead of Your Existing Recipe. This blend is engineered to produce a high-quality, long-lasting bar of handmade soap when used with a proper amount of lye & water and properly saponified. If you've been using, for example, 4 LBS of total oils in your current recipe, then you will want to weigh out 4 LBS of this blend to make the same size batch. For any size batch, the correct amount of Lye is computed by multiplying the SAP value shown above x the amount of oils you are using in your batch.

Example Basic Recipe for 4 LB Batch of Soap Superfatted 3%:

Oils: 64 Ounces of SoapQuick All-In-One
Lye: 9.4 ounces of lye (64 ounces x .147 (sap value) = 9.4)
Water: 19 ounces of distilled water. (about twice the amount of lye by weight)

Special Instructions for Using one-gallon Size of SoapQuick with the F&D Soap Mold & Cutter:

The F&D Soap Mold & Cutter is made to accommodate a batch of soap using 4 LBS of oil, or less. The one gallon size of SoapQuick weighs a little less than 8 LBS – so you can't get 2 "full" batches out of the one gallon bucket. However, using a little less than 4 LBS of oil in a batch results in a bar that is still just fine, and just a tiny bit thinner than one made with 4 LBS of oil. So, if you'd like to use all of the oil in a one-gallon bucket in 2 batches of soap, and you'd like the bars all to be about the same thickness, use a batch size of 60.8 ounces for the first batch, and the exact weight of the remaining material in the second batch. Here would be your first batch out of the gallon (superfatted 3%):

Oils: 60.8 Ounces of SoapQuick All-In-One
Lye: 8.94 ounces of lye (60.8 ounces x .147 (sap value) = 8.94)
Water: 19 ounces of water.

Your second batch will be about this same size, but you'll need to calculate your lye and water yourself (you can do it!)
Questions? Please email us at service@missionpeaksoap.com

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