## ormula: #7/21-286/188/139-1

## All Around Soap Bar

- Traditional Soap Formula.
- Upcycled Ingredients.
- Moisturizing Formula.

Ingredient Trade Name	INCI Name	%			
Phase A					
Deionized Water	Aqua	21.42			
Lye	Sodium Hydroxide (Caustic Soda)	9.58			
Phase B					
Olive Oil <sup>2</sup>	Olea Europaea (Olive) Fruit Oil	25.00			
Coconut Oil <sup>2</sup>	Cocos Nucifera (Coconut) Oil	12.00			
Almond Oil <sup>2</sup>	Prunus Amygdalus Dulcis (Sweet Almond) Oil	10.00			
AR Cocoa Butter <sup>1</sup>	Theobroma Cacao (Cocoa) Seed Butter	10.00			
Bayberry Wax <sup>1</sup>	Myrica Cerifera (Bayberry) Fruit Wax	8.00			
Orange Wax <sup>1</sup>	Citrus Aurantium Dulcus (Orange) Peel Wax)	4.00			

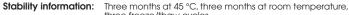


Product	Function	About	% Usage	Natural
Cocoa Butter	Structure, thickener	Provides moisture, texture, some structure and skin nourishment.	Up to 100%	X
Bayberry Wax	Emollient, Thickener	Highly emollient, adds matte finish, and acts like a butter in most formulation.	0.5-15%	Х
Orange Wax	Emollient	Emollient that provides a unique scent and color, adds interest to the label and energy in the formula.	0.5-10%	Х

## **PROCEDURE**

- Combine Phase A ingredients, allow to cool below 50 °C.
- ullet Combine Phase B ingredients, and heat to 80 85 °C until melted, allow to cool below 50 °C.
- Add Phase A to Phase B. Hand mix for five minutes.
- Homogenize mixture until trace occurs.
- Once desirable trace is achieved, pour into molds.
- Allow to set for 24-48 hours, and unmold and cut to continue curing process.
- After one week of curing, soap is ready for use.

Looking for additional formulas? Try our Formula Selector Tool at: https://www.kosterkeunen.com/pcformulationguide/



three freeze/thaw cycles.

Supplier information: 1. Koster Keunen, Inc.; 2. Columbus Oil.

