

All Around Soap Bar

NATURAL

- 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 ² | Olea Europaea (Olive) Fruit Oil | 25.00 |
| Coconut Oil ² | Cocos Nucifera (Coconut) Oil | 12.00 |
| Almond Oil ² | Prunus Amygdalus Dulcis (Sweet Almond) Oil | 10.00 |
| AR Cocoa Butter ¹ | Theobroma Cacao (Cocoa) Seed Butter | 10.00 |
| Bayberry Wax ¹ | Myrica Cerifera (Bayberry) Fruit Wax | 8.00 |
| Orange Wax ¹ | 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% | x |
| Orange Wax | Emollient | Emollient that provides a unique scent and color, adds interest to the label and energy in the formula. | 0.5-10% | x |

PROCEDURE

- Combine Phase A ingredients, allow to cool below 50 °C.
- 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/>

Stability information: Three months at 45 °C, three months at room temperature, three freeze/thaw cycles.

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



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