

Three Ingredient Vegan Soap

- Minimalist Natural Soap.
- Carnauba provides fast trace while Kester K-24 reduces it.
- Wonderful after skin feel.

PROCEDURE

- Combine Phase A ingredients, keep above 50°C.
- Combine Phase B ingredients, and heat to 80 – 85 °C until melted, allow to cool below 75 °C.
- Add Phase A to Phase B.
- 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.

Product	Function	About	% Usage	Natural
Carnauba Wax	Increase Melt Point	Natural, plant wax that increases MP, hardness, gloss and slip.	1-25%	x
Kester Wax K-24	Ester, Emollient	Natural ester and emollient that imparts slip, melts and body temp, and offers slight cooling sensation. Provides light, dry feel. Cuts greasiness with natural oils, esters, and organic sunscreens	1-50%	x

Ingredient Trade Name	INCI Name	%
Phase A		
Deionized Water	Aqua	11.55
Lye	Sodium Hydroxide (Caustic Soda)	4.95
Phase B		
Carnauba Wax ¹	Copernicia Cerifera (Carnauba) Wax	41.75
Kester Wax K-24 ¹	Lauryl Laurate	41.75

Formula: 11/21-420/358-1

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.

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