

Clean Face Bar

Formula # 11/22-849/358/286-1

Features

- Traditional Soap Formula
- Gentle Cleansing

Skin Care

Soap

Natural / Clean

Vegan

Formula

Kester Wax K-24

Naturally derived wax ester of plant origin. Low melt point semi-solid, melts on body contact, provides cooling sensation. Adds slip, reduces greasy feel, dimethicone alternative. Usage level up to 50%.

Rice Bran Wax (849)

Natural wax extracted from rice bran oil. Very high melting point, increases formula stability. Oil binder, soft gelling agent. Usage level 1-25%.

Cocoa Butter

Natural wax extracted from Cocoa beans. Low melt point solid, provides thickening, some structure, and nourishment to skin and hair. Emollient, thickener, glossy finish. Usage level up to 100%.

Trade Name	INCI Name	%
<i>Phase A</i>		
Deionized Water	Aqua	16.80
Lye ³	Sodium Hydroxide (Caustic Soda)	7.20
<i>Phase B</i>		
Kester Wax K-24¹	Lauryl Laurate	36.00
Rice Bran Wax 849¹	Oryza Sativa (Rice) Bran Wax	10.25
Cocoa Butter¹	Theobroma Cacao (Cocoa) Butter	9.50
Coconut Oil ²	Cocos Nucifera (Coconut) Oil	20.00
Cedarwood Oil ⁴	Organic Cedarwood Atlas Oil	0.25

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. Homogenize mixture until trace occurs. Once the 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.

Stability Information:

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

Supplier Information:

1. Koster Keunen, Inc.; 2. Columbus Oils; 3. Fischer; 4. TAOS.

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