



# Product Formulation

## Coco Beauty Bar

PHC-PF-23-096

Easy to prepare coconut beauty bar soap based on **Sufravon SN100**. It contains natural glycerin that acts as humectant. This is a melt and pour bath soap that produces rich and creamy foam.

Phase	Ingredient	INCI	Function	%
A1	Water	Aqua	Diluents	28.9
A2	Glysoft RG	Glycerin	Humectant/ Diluents	30.0
A3	Sufravon SN100	Sodium Cocoate	Cleansing	40.0
A4	Sodium Hyaluronate	Sodium Hyaluronate	Active	0.10
A5	Fragrance	Fragrance	Aesthetic	1.00
<b>TOTAL</b>				<b>100.00</b>

### Formulation Benefits

- ✓ Easy to prepare “melt & pour”
- ✓ White, rich and creamy foam
- ✓ With natural moisturizer, non-drying and smooth after skin feel

### Key Ingredients

#### Sufravon SN100

- ✓ 100% Coconut Oil based soap noodles
- ✓ Excellent cleansing, foaming and rinsability
- ✓ Biodegradable
- ✓ Vegan
- ✓ ISO-16128: 100%



#### Glysoft RG

- ✓ 100% Coconut-derived
- ✓ Excellent humectant
- ✓ ISO-16128: 100%



All data, formulations and information provided herein have not been comprehensively tested and are not represented as suitable for any particular uses. Statement concerning possible or suggested uses made herein may not be relied upon or be construed as a guaranty of no patent infringement. Users have the sole responsibility and obligation for making preliminary tests to determine the suitability of the sample formulations described herein for any application, to make tests before use in any specific applications, and to confirm the performance, efficacy, safety and regulatory compliance of such products for their particular use.

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## Procedure

- 1 In a clean container, combine water and **Glysoft RG**. Start heating and maintain temperature between 75 – 80 degree Celsius (use water bath)
- 2 At 75 degree Celsius, while mixing, add **Sufravon SN100** (powdered form). Maintain temperature until the mixture becomes homogeneous (clear, free from undissolved powder). *Adjust mixing speed to prevent excessive foaming*
- 3 Once homogeneous, turn off heating and maintain at 50 degrees Celsius.
- 3 In a separate container, dissolve Sodium Hyaluronate in water then load in the main mixing vessel. Continue mixing until completely dissolved while maintaining the temperature.
- 4 Pour in desired mold for curing.

## Specification

Appearance	Opaque, solid bar
pH (1% Solution)	9.0 – 10.0

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