

Shampoo Bar

Cleanse and renew the hair with this gentle solid bar.

ALCHEMY
ingredients

Ingredients

Phase	Trade Name	INCI name	% w/w	Supplier
A	Bergasoft SCI 80 Powder	Sodium Cocoyl Isethionate	25	
A	Sodium Lauroyl Sarcosinate	Sodium Lauroyl Sarcosinate	10	
A	Sapogel® Q	Glycerin, Aqua, Quillaja saponaria Wood Extract, Saponaria officinalis (Soapwort) Leaf/Root Extract	5	Alchemy Ingredients
A	Glycerine	Glycerine	1	
A	Guar Hydropropyltrimonium Chloride	Guar Hydropropyltrimonium Chloride	0.3	
A	TEGO® Betain F 50	Cocamidopropyl Betain 50%	6.5	
B	Glyceryl Stearate	Glyceryl Stearate	10	
B	Evicare Silk	PCA Glyceryl Oleate	3	
B	Melon seed oil	Citrullus vulgaris seed oil	1	
B	Stearic Acid	Stearic Acid	10	
B	Cetearyl Alcohol	Cetearyl Alcohol	10	
B	Sunflower Wax	Helianthus Annuus (Sunflower) Seed Wax	11.6	
B	Mango Butter	Mangifera Indica (Mango) seed butter	3	
C	Rice Tein NPNF™	Hydrolyzed Rice Protein	3	
C	Fragrance	Parfum	0.5	
C	D & C Red 33 Sol	CI 17200	0.1	

Formulation Code: 069-10-00-00/1

Method

- Stir phase A in a beaker then heat to 85°C in a water bath.
- In a separate beaker, combine phase B and heat to 85°C in the water bath.
- Add phase B to phase A while still in the water bath, stirring constantly.
- Add phase C then fill in desired moulds and allow to cool fully, put in fridge for 10 minutes if needed.

Characteristics

Stability

Stable for 3 weeks at 50°C and 3 months at 40°C

Appearance

Solid pink bar

PH

NA

Viscosity

NA

✓ PEG Free

✓ Vegan

✓ Natural Origin

✓ Preservative Free

Ingredient Benefits

Sapogel® Q

- 100% natural origin
- NATRUE approved
- Palm free
- COSMOS Approved
- Enables the creation of palm-free balm textures without wax
- Creates variable textures from honey to thick balms
- Cold process manufacturing

Adapt the Formula

- Change oil phase
- Change fragrance
- Change colour
- Change actives for different hair/skin benefits

The formulation above is intended for information purposes only based on the best of our knowledge. It is the responsibility of the customer to undertake the appropriate testing to determine the suitability of the product for their intended use.