

Base for simple Mild Shower Milk with BergaSoft SCI 80 and BergaSoft SCG 22



An easy method, based on a classic milky formulation, to make a really mild product with an abundant and luxurious foam thanks to BergaSoft SCI 80 and BergaSoft SCG 22 as co-surfactant.



Phase	Product	INCI Name	% (w/w)
A	Demin. Water	Aqua	Up to 100
	Carbopol Aqua SF-1 ²	Acrylates Copolymer	5.0
	NaOH (25%)	Sodium Hydroxide	0.7
	BergaSoft SCG 22¹	Sodium Cocoyl Glycinate	3.0
	BergaSoft SCI 80¹	Sodium Cocoyl Isethionate	1.0
	Cocamide MEA	Cocamide MEA	1.0
	Sodium Laureth Sulfate 70%	Sodium Laureth Sulfate	14.5
B	Modified Guar Gum	Modified Guar Gum	0.2
	Demin. Water	Aqua	10.0
	Glycerin	Glycerin	5.0
	TiO ₂	Titanium Dioxide	0.3
C	Cocamidopropyl Betaine ² 40%	Cocamidopropyl Betaine	10.0
	Citric Acid	Citric Acid	pH-Adjustment
	Preservative / Fragrance	-	q.s.
	NaCl	Sodium Chloride	Up to 1.5

Suppliers: 1: Berg + Schmidt, 2: Lubrizol

Formulation instructions:

- Weigh Carbopol Aqua SF-1 and water together, neutralize with NaOH up to a pH of around 7
- Add the surfactants and heat Phase A to 70-75°C while gently stirring
- Prepare Phase B : Disperse Guar Gum and TiO₂ in Water and Glycerin
- Add Phase B to Phase A while still heating
- Phase C is added to mixture A & B and gently mixed until room T°C is reached

pH = 6.4

Viscosity (24H) = 3500 Cps

Stability under progress / Internal Ref: Milky D-007-BSC

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