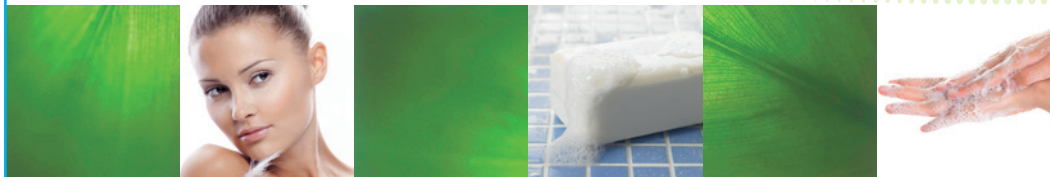


Base Formulation for Transparent 2 in 1 Shampoo and Shower Gel with BergaCare FG5



This 2 in 1 shampoo and shower gel base was developed to show the easiness with which BergaCare FG 5 can be introduced to transparent surfactant formulations. The presence of unsaponifiables in BergaCare FG 5 helps care for skin and hair.



Phase	Product	INCI Name	% (w/w)
A	Demin. Water	Aqua	Up to 100
	Sodium Laureth Sulfate 70%	Sodium Laureth Sulfate	12.0
	Cocamidopropyl Betaine 30%	Cocamidopropyl Betaine	8.0
	PEG-200 Hydrogenated Glyceryl Palmitate (and) PEG-7 Glyceryl Cocoate	PEG-200 Hydrogenated Glyceryl Palmitate (and) PEG-7 Glyceryl Cocoate	3.0
	BergaSoft CG 50'	Coco Glucoside	1.0
	Polyquaternium-7	Polyquaternium-7	1.2
B	BergaCare EM-HE 7'	PEG-7 Glyceryl Cocoate	1.5
	BergaCare FG 5'	Ethylhexyl Stearate (and) Ethylhexyl Palmitate (and) Hydrogenated Olive Oil Unsaponifiables (and) Caprylic Capric Triglycerides	1.0
C	Citric Acid	Citric Acid	Up to desired pH
	NaCl	Sodium Chloride	Up to desired viscosity
D	Preservative / Fragrance	-	q.s.

Suppliers: 1: Berg + Schmidt

Formulation instructions:

- Weigh and stir Phase A until homogeneous
 - Weigh and stir Phase B until clear
 - Add Phase B to Phase A
 - Adjust pH-value and add Phase D
- Note: It could be opaque at first, but will turn clear in 12hours

pH = 4.5
 Viscosity (24H) = 9400 Cps
 Stability under progress / Internal Ref: RPO 5005A

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