Base formulation for Sulfate-Free Shower Gel
With BergaSoft SCI 80 and BergaSoft LG 50

Berg+Schmidt
Functional Lipids

This shampoo creates a creamy and luxurious foam without the use of sulfates or PEGs. This is accomplished by combining surfactants of the BergaSoft range – BergaSoft SCI 80, BergaSoft LG 50 and BergaSoft PO 65 – the latter contains Glyceryl Oleate for refatting.

Phase	Product	INCI Name	% (w/w)
A	Demin. Water	Aqua	Up to 100
	BergaSoft SCI 80 [1]	**Sodium Cocoyl Isethionate**	8,0
	Glycerin 99,5%	Glycerin	4,0
	Agenajel 20350 [2]	Distarch Phosphate	8,0
B	**BergaSoft LG 50** [1]	**Lauryl Glucoside**	6,0
	BergaSoft PO 65 [1]	**Coco-Glucoside (and) Glyceryl Oleate**	5,0
	Sodium Lauroyl Glutamate	Sodium Lauroyl Glutamate	3,0
C	Citric Acid	Citric Acid	adjust pH
D	Preservative/Fragrance	-	q.s.

Suppliers: [1] Berg + Schmidt, [2] Agrana

Formulation instructions:
- Weigh water and Glycerin, start stirrer and add Distarch Phosphate; heat up to ~75°C
- Add BergaSoft SCI 80 and dissolve
- Stop heating and add raw materials from phase B by gentle stirring
- Cool down to 40°C, adjust the pH and preserve.

pH = 5,7
Internal Ref: Shampoo-012-BSC

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