



Base formulation for Sulfate-Free Facial Wash with AGENAJEL 20.383

"Formulated and developed by Berg + Schmidt."

Ingredients	INCI-Name	%w/w	Supplier
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Phase A

Demin. Water	Aqua	Up to 100	
Glycerin 99,5%	Glycerin	5,0	
Guar Hydroxypropyltrimonium Chlorid	Guar Hydroxypropyltrimonium Chlorid	0,2	
AGENAJEL 20.383	Hydroxypropyl Starch	6,0	AGRANA
BergaSoft SCI 80	Sodium Cocoyl Isethionate	10,0	Berga + Schmidt
BergaCare Pearl 2	Glycol Distearate	3,0	Berga + Schmidt

Phase B

BergaSoft LG 50	Lauryl Glucoside	5,0	Berga + Schmidt
Cocamidopropyl Betaine 3	Cocamidopropyl Betaine	8,0	
D-Panthenol	Panthenol	1,0	

Phase C

Citric Acid		adjust pH	
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Phase D

Preservative/Fragrance		q.s.	
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FORMULATION INSTRUCTIONS:

- Weigh water and Glycerin, start stirrer and add Hydroxypropyl Starch Phosphate and Guar Hydroxypropyltrimonium Chloride, heat up to ~75°C.
- Add BergaSoft SCI 80 and BergaCare Pearl 2 and dissolve/melt.
- Gently stirring, add all raw materials from phase B and cool down to ~40°C
- Adjust the pH and preserve.

pH = 5,0

Viscosity (24H) = 36700ps

Internal Ref: Shampoo-003-BSC



AGRANA STARCH

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