



## Base formulation for mild Shampoo with AGENAJEL 20.383

“Formulated and developed by Berg + Schmidt.”

Ingredients	INCI-Name	%w/w	Supplier
<b>Phase A</b>			
Demin. Water	Aqua	Up to 100	
Glycerin 99,5%	Glycerin	5,0	
Guar	Guar	0,2	
Hydroxypropyltrimonium Chlorid	Hydroxypropyltrimonium Chlorid		
<b>AGENAJEL 20.383</b>	<b>Hydroxypropyl Starch</b>	<b>6,0</b>	<b>AGRANA</b>
<b>Phase B</b>			
BergaSoft SCI 80	Sodium Cocoyl Isethionate	10,0	Berg + Schmidt
BergaCare Pearl 2	Glycol Distearate	3,0	Berg + Schmidt
<b>Phase C</b>			
BergaSoft LG 50	Lauryl Glucoside	5,0	Berg + Schmidt
Cocamidopropyl Betaine 30%	Cocamidopropyl Betaine	8,0	
D-Panthenol	Panthenol	1,0	
<b>Phase D</b>			
Citric Acid		adjust pH	
<b>Phase E</b>			
Preservative/Fragrance		q.s.	

### FORMULATION INSTRUCTIONS:

- Weight Water and Glycerin, start stirrer and add Starch and Guar, heat up to 70°C
- Add raw materials from phase B and solve also
- If solved add all raw materials from phase C and cool down to 40°C
- Adjust the pH and preserve.

pH = 5,0

Viscosity (24H) = -

Internal Ref: Shampoo-003-BSC

This formulation is indicative only and no responsibility whatsoever will be assumed. This formulation is offered solely for your consideration, investigation and verification. It is your responsibility to thoroughly test any formulations before use. All those who use our formulations as well as those who process AGRANA Starches are themselves entirely responsible for the adherence to prevailing statutory regulations and the observance of patent rights as well as other protective rights for other companies. AGRANA does not assure any liability with respect to the composition of the formulation or the use in products.