



## SHOWER GEL with AGENAJEL 20.313 and PuraBeet Anhydrous – Moderate Warm Process

“Formulated and developed by AGRANA”

Hair shower gel with excellent foaming properties and moisturizing

Ingredients	INCI-Name	%w/w	Supplier
<b>Phase A</b>			
Deonised water	Aqua	58.85	
<b>AGENAJEL 20.313</b>	<b>Hydroxypropyl Starch Phosphate</b>	<b>5.00</b>	<b>AGRANA</b>
Rhodicare® T	Xanthan Gum	0.25	Azelis
Glycerin	Glycerol	2.00	
<b>PuraBeet® Anhydrous</b>	<b>Betaine</b>	<b>2.00</b>	<b>AGRANA</b>
Benzyl Alcohol	Benzyl Alcohol	1.00	
<b>Phase B</b>			
Berga Soft DG 50	Decyl Glucoside	15.00	Berg +Schmidt
Sulfetal LS 40 T	Sodium Coco Sulfate	5.55	Z&S
Hostapon CCG	Sodium Coco Glutamate	8.35	Clariant

### Manufacturing Instructions

Phase A: Heat up water to 50-60°C and add AGENAJEL 20.306 and PuraBeet whilst intense stirring. Make a Premix of Xanthan Gum and Glycerol and add it to water phase whilst intense stirring. Cool down to 30°C. Add Benzyl Alcohol.

Phase B: Mix Phase B with low stirring and heat up to 50°C until clear.

Add Phase B into Phase A and homogenize moderate until homogenous (for example 5 min with turbine stirrer at 1000 rpm under vacuum) and cool down to RT.

Adjust pH with NaOH or Citric acid

Fill up in tubes.

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