

SHOWER GEL



with AGRANA STARCH THICKENERS

MODERATE WARM PROCESS

"Formulated and developed by AGRANA"

Shower gel with excellent foaming properties and moisturizing effect.

Ingredients	INCI-Name	AGENAJEL 20.306 COSMOS % w/w	AGENAJEL 20.313 % w/w	Supplier
Phase A				
Deonised Water	Aqua	60,85	60,85	
AGENAJEL 20.306	Distarch Phosphate	5,00	–	AGRANA
AGENAJEL 20.313	Hydroxypropyl Starch Phosphate	–	5,00	AGRANA
PuraBeet® Anhydrous	Betaine	2,00	2,00	AGRANA
Xanthan Gum	Xanthan Gum	0,25	0,25	
Glycerine	Glycerin	2,00	2,00	
Benzyl Alcohol	Benzyl Alcohol	1,00	1,00	
Phase B				
Berga Soft DG 50	Decyl Glucoside	15,00	15,00	Berg & Schmidt
Sulfetal LS 40 T	Sodium Coco Sulfate	5,55	5,55	Z & S
Hostapon CCG	Sodium Coco Glutamate	8,35	8,35	Clariant

MANUFACTURING INSTRUCTIONS :

Phase A: Heat up water to 50 – 60°C and add AGENAJEL (and PuraBeet) whilst intense stirring. Make a Premix of Xanthan Gum and Glycerine and add it to water phase whilst intense stirring. Cool down to 30°C. Add Benzyl Alcohol. 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 to pH 6.

Fill up in tubes.



AGRANA Starch / AGRANA Stärke GmbH

Tel.: +43/2852/503-0, e-mail: cosmetics.starch@agrana.com

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.