



3D Shield with AGENAJEL 20.383

“Formulated and developed by AZELIS.”

AGENAJEL 20.383

A rheology modifier and creaminess enhancer in aqueous applications, is a cook up starch with reduced gelatinization temperature. It shows shear-thinning effects with rapid viscosity recovery.

Ingredients	INCI-Name	%w/w	Supplier
Phase A			
Brontide™	Butylene Glycol	4,00	
AGENAJEL 20.383	HYDROXYPROPYL STARCH PHOSPHATE	3,50	AGRANA
Deionised Water	Aqua	73,56	
Geogard® ECT	Benzyl Alcohol, Salicylic Acid, Sorbic Acid, Glycerin	1,00	
Actiphyte™ Acai Berry GL 100 NP	Glycerin, Aqua, Euterpe Oleacea Fruit Extract	3,00	
Phase B			
Polyaldo® 10-2-P	Polyglyceryl-10 Dipalmitate	4,50	
Cetearyl Alcohol	Cetearyl Alcohol	1,00	
Glyceryl Stearate	Glyceryl Stearate	0,60	
Marula Oil	Sclerocarya Birrea Seed Oil	1,50	
Mackaderm LIA	Isoamyl Laurate	2,50	
Screen Light Block	Physalis Alkekengi Calyx Extract (and) Caprylic/Capric Triglyceride (and) Beta-Caroten	2,50	
Phase C			
Prof. Rose Mist 236	Parfum	0,20	
Fibro Silk Powder JP	Silk Powder	2,00	
Phase D			
Sodium Hydroxide Solu 10%	Aqua, Sodium Hydroxide	0,14	



Manufacturing Instructions

Mix the components of phase A, until dispersed, then heat to 70-75°C.

Premix the components of phase B and heat to 70-75°C.

Add phase B into phase A and emulsify for 20 minutes, then begin cooling.

At 30°C add phase C into phase AB, mix until uniformity.

Finally adjust pH using phase D.

Specification

Appearance	Light Yellow Soft Emulsion
pH	5.61
Stability Testing	@40°C: 3 months; @25°C: 3 months; @5°C: 3 months
Viscosity	13640 cPs (spindle 5; 10 rpm) Brookfield DV-1, 1 minute @ 25°C

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