



Natural Deo Spray easymuls with AGENAJEL 21.387 and CORN PO4 PH"B"

"Formulated and developed by Dr. Straetmans"

Clais: Hot-Cold process

Ingredients **INCI-Name** **%w/w** **Supplier**

Phase A

Deionised Water	Aqua	79,85	
Presolution of dermosoft® 688 eco (sol 10%)	Aqua, Glycerin, Sodium Anisate	1,00	Dr. Straetmans
Glycerol (95,5%)	Glycerin, Aqua	2,50	Merck

Phase A1

AGENAJEL 21.387	Zea Mays Starch	3,00	AGRANA
Veegum Ultra	Magnesium Aluminum Silicate	1,00	RT Vanderbild
Keltrol CG-SFT	Xanthan Gum	0,10	CP Kelco
CORN PO4 PH"B"	Zea Mays (Corn) Starch	1,00	AGRANA

Phase B

dermofeel® easymuls	Polyglyceryl-3 Sunflowerseedate/Citrate Crosspolymer (and) Helianthus Annuus (Sunflower) Seed Oil	3,50	Dr. Straetmans
dermosoft® decalact deo	Sodium Caproyl/Lauroyl Lactylate, Triethyl Citrate, Salvia Officinalis (Sage) Oil	0,80	Dr. Straetmans
Passion Fruit oil refined	Passiflora Edulis Seed Oil, Tocopherol	2,00	Jan Dekker
dermofeel® TEC eco	Triethyl Citrate	5,00	Dr. Straetmans

Phase C

Perf. Waterlily Nat. P0250330	Parfum	0,25	Frey & Lau
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PROCEDURE

1. Heat phase A up to 75 °C. Disperse A1 until completely dissolved and keep stirring for 20 min. at 75 °C.
2. Mix ingredients of phase B and stir until everything is homogenous.
3. Emulsify phase B into phase A while stirring. Homogenize for approx. 1-2 min. using an Ultra-Turrax.

Specification Values:

Appearance: white liquid emulsion. pH-value: 5,0 – 6,0

Viscosity (Brookfield: Helipath TF; Speed 10 RPM): Approx. 500 – 1.000 mPas.

Centrifugation (4.000 rpm, 15 min.): No separation.

Presolution of dermosoft® 688 (10%)

Ingredients	INCI-Name	%w/w	Supplier
Deionised Water	Aqua	56,50	
Glycerol anhydrous	Glycerin	30,00	Merck
dermosoft® 688 eco	p-Anisic Acid	10,00	Dr. Straetmans
Sodium Hydroxide (>99%)	Sodium Hydroxide	3,50	Merck

Manufacturing Procedure:

Dissolve Sodium Hydroxide in Water. Add and dissolve dermosoft® 688 eco and Glycerol.

Specification Values: Appearance: Light yellow solution. pH-value: 10,0 – 12,0

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