



Natural Deo Cream with AGENAJEL 21.387

“Formulated and developed by Dr. Straetmans

Claims: Soft and elegant skin feel with quick absorption
dermosoft® GMCY and dermofeel® TEC eco as deo active

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

Phase A

| | | | |
|---------------------------|------------------------|-------|----------------|
| Deionised Water | Aqua | 70,85 | |
| dermosoft® 688 ECO | p-Anisic Acid | 0,05 | Dr. Straetmans |
| Sodium Hydroxide (10%) | Sodium Hydroxide, Aqua | 0,60 | Merck |

Phase A1

| | | | |
|----------------------------|------------------------|-------------|---------------|
| AGENAJEL 21.387 | Zea Mays Starch | 2,00 | AGRANA |
| Keltrol CG-SFT | Xanthan Gum | 0,30 | CP Kelco |

Phase B

| | | | |
|---------------------------|---------------------------|------|----------------|
| dermofeel® GSC | Glyceryl Stearate Citrate | 3,00 | Dr. Straetmans |
| Tego Deo PY 88 Pellets | Zinc Ricinoleate | 2,00 | Degussa |
| dermofeel® sensolv | Isoamyl Laurate | 6,00 | Dr. Straetmans |
| Lanette O | Cetearyl Alcohol | 4,00 | BASF |
| dermofeel® TEC eco | Triethyl Citrate | 2,00 | Dr. Straetmans |
| dermosoft® GMCY | Glyceryl Caprylate | 1,00 | Dr. Straetmans |

Phase C

| | | | |
|-----------------|----------------|------|---------|
| Glycerol (86%) | Glycerin, Aqua | 3,00 | Merck |
| Talc | Talc | 2,00 | diverse |
| Deionised Water | Aqua | 1,00 | |



Phase D

| | | | |
|-------------------------------|--------|------|----------|
| Parf. Highlight Natura Öko | Parfum | 0,20 | Düllberg |
|-------------------------------|--------|------|----------|

Phase E

| | | | |
|-----------------------|-------------|------|-------|
| Citric Acid (sol.20%) | Citric Acid | 2,00 | Merck |
|-----------------------|-------------|------|-------|

PROCEDURE

1. Heat phase A up to 80 °C. dermosoft® 688 ECO should be completely dissolved.
Disperse A1 under stirring
2. Heat phase B up to 80 °C. Emulsify phase B into phase A while stirring.
Homogenize for 1-2 min. using an Ultra Turrax.
3. Cool down to 40 °C and add C and D.
4. Adjust pH-value to pH 4 - 5 and cool down to room-temperature.

Specification Values:

Appearance: white emulsion

pH-value: 4,0 – 5,0

Viscosity (Brookfield: Helipath TF; Speed 10 Rpm): Approx. 30.000 mPa.s.

Stability: More than 3 months stable at 20 °C, 40 °C and 4 °C.

Microbiological Stability: Proven

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