Zemea® moisturizing body lotion with Trealix®

**Phase** | **Trade/drug name** | **INCI name** | **Supplier** | **Wt.%**  
--- | --- | --- | --- | ---  
A | Deionized water | Aqua | — | 74.45%  
A₁ | Keltrol SFT | Xanthan gum | CP Kelco | 0.20%  
A₂ | Zemea® propanediol | Propanediol | CovationBio PDO | 3.00%  
| Dermofeel® PA-3 | Sodium phytate | Dr. Straetmans | 0.10%  
| Dermosoft® Octiol | Caprylyl glycol | Dr. Straetmans | 0.70%  
B | Phytocream® 2000 | Potassium palmitoyl hydrolyzed wheat protein, glyceryl stearate, cetearyl alcohol | Sinerga | 5.00%  
| Sunflower seed oil | Helianthus annuus seed oil | Henry Lamotte | 4.00%  
| Palmester® 3585 | Caprylic/capric triglyceride | KLK Oleo | 8.00%  
| Dermofeel® Toco 70 | Tocopherol, helianthus annuus seed oil | Dr. Straetmans | 0.05%  
B₁ | XIAMETER® PMX-0345 | Cyclohexasiloxane, cyclopentasiloxane | Dow Corning | 2.00%  
C | Trealix® | Trehalose, hydrolyzed vegetable protein | Sinerga | 2.00%  
| Geogard 221 | Dehydroacetic acid, benzyl alcohol, water | Lonza | 0.30%  
| Parfum Orange Ingwer Natura Öko 0705-072 | Parfum, limonene, linalool, citral, coumarin | Düllberg | 0.20%  
**Total** | | | | 100.00%  

Prototype formulation provided by: Biesterfeld Spezialchemie GmbH, Zagreb, Croatia

### Procedure

1. Heat phase A up to 75°C. Dissolve Keltrol (phase A1) completely.
2. Add components of phase A2 and dissolve.
3. Heat phase B to 75°C and add phase B1 before emulsifying.
5. Cool down to room temperature under stirring. Add parts of phase C below 40°C.

### Product features

1. Appearance: white emulsion pH: 5.0 - 6.0
2. Viscosity: ~ 20,000 mPas (Brookfield DV-II: spindle 6, speed 10)
3. Storage stability: 3 months at RT, 40°C, 4°C

For additional information or samples, please contact Customer Service.

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