

Jungbunzlauer

From nature to ingredients®

Soothing skin cream

with Zinc Lactate



| Phase | Ingredients | INCI | Supplier | Quantity |
|-------|---|------------------------------|----------------------|-------------|
| A | Water demin. | Aqua | | Qs to 100 % |
| | Glycerine | Glycerine | | 3.00 % |
| | Xanthan Gum FNCSP-PC | Xanthan Gum | Jungbunzlauer | 0.40 % |
| B | Axol® C 62 Pellets | Glyceryl Stearate Citrate | Evonik | 3.00 % |
| | Lanette® O | Cetearyl Alcohol | BASF | 2.00 % |
| | Dermofeel® sensolv MB | Isoamyl Laurate | Evonik | 4.00 % |
| | Tegosoft® AC MB | Isoamyl Cocoate | Evonik | 4.00 % |
| C | Zinc Lactate Dihydrate | Zinc Lactate | Jungbunzlauer | 1.00 % |
| D | L-(+)-Lactic Acid 90 % Heat Stable Personal Care Grade | Lactic Acid | Jungbunzlauer | Qs |
| | Sodium Hydroxide | Sodium Hydroxide | | Qs |

Directions

- 1 Heat phase A to 75 °C (167 °F)
- 2 Heat phase B to 75 °C (167 °F)
- 3 Slowly emulsify phase B into phase A whilst stirring
- 4 Homogenise for 2 min by using an Ultra Turrax®
- 5 Cool down to 35 °C (95 °F) and add phase C whilst stirring
- 6 Set pH value with phase D

Technical Data

Appearance: white cream

pH value: 4.5

Viscosity Brookfield: (Sp. 64 / 30 RPM) 6000 mPas

Stability

Stable for at least 3 months at RT, 5 °C (41 °F) and 40 °C (104 °F)

Claims

No preservatives according to regulation (EC) No 1223/2009, Annex V.

Test for microbiological stability according to Ph.Eur. 5.1.3. was passed with criterion B.



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The information contained herein is meant to demonstrate how our products can be used. This formulation has been subjected to limited stability tests and has been shown to perform well. The given data are suggestions without any guarantee aimed to support customers' development.