



## Fast absorbing hand cream

with CITROFOL® AI Extra

| Phase | Ingredients                     | INCI                                                                        | Supplier         | Quantity    |
|-------|---------------------------------|-----------------------------------------------------------------------------|------------------|-------------|
| A     | Water demin.                    | Aqua                                                                        |                  | Qs to 100 % |
|       | ERYLITE®<br>Personal Care Grade | Erythritol                                                                  | Jungbunzlauer    | 5.00 %      |
|       | Xanthan Gum FNCSP-PC            | Xanthan Gum                                                                 | Jungbunzlauer    | 0.50 %      |
| B     | Combimuls GC MB                 | Glyceryl Stearates<br>Citrates; Cetearyl<br>Alcohol; Glyceryl<br>Caprylates | alexmo cosmetics | 4.00 %      |
|       | Lanette® 22                     | Behenyl Alcohol                                                             | BASF             | 2.00 %      |
|       | CITROFOL® AI Extra              | Triethyl Citrate                                                            | Jungbunzlauer    | 5.00 %      |
|       | Shea Butter                     | Butyrospermum<br>Parkii Butter                                              | Naturschönheit   | 2.00 %      |
| C     | Dermosoft® 688 eco              | p-Anisic Acid                                                               | Evonik           | 0.30 %      |
| D     | Sodium Hydroxide                | Sodium Hydroxide                                                            |                  | Qs          |

## Directions

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

## Technical Data

Appearance: white cream

pH value: 5.2–5.5

Viscosity (rotational rheometer with geometry C35/2° Ti L, 10 s<sup>-1</sup>, 25 °C): 3900 mPa·s

## Stability

Stable for at least 3 months at RT, 5 °C (34 °F) and 40 °C (104 °F)

## Claims

Test for microbial stability according to Ph.Eur. 5.1.3. 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.