



Deodorant roll-on

with Zinc Lactate
and CITROFOL® AI Extra

Phase	Ingredients	INCI	Supplier	Quantity
A	Water demin.	Aqua		Qs to 100 %
B	Xanthan Gum FNCSP-PC	Xanthan Gum	Jungbunzlauer	1.30 %
C	Zinc Lactate Dihydrate	Zinc Lactate	Jungbunzlauer	3.00 %
D	CITROFOL® AI Extra	Triethyl Citrate	Jungbunzlauer	5.00 %
E	L(+)-Lactic Acid 90% Heat stable Personal Care Grade	Lactic Acid	Jungbunzlauer	Qs

Directions

- 1 Add phase B to phase A whilst stirring until xanthan gum is completely dissolved
- 2 Add phase C under medium stirring and stir until it is completely dissolved
- 3 Add phase D slowly whilst stirring
- 4 Adjust pH value with phase E if necessary

Technical Data

Appearance: slightly opaque, highly viscous gel

pH value: 4.5

Viscosity Brookfield (Sp. 64 / 60 RPM): 2800 mPa-s

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. 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.