

# Sun care formulation SPF 50+\*

with CITROFOL®



Phase	Ingredients	INCI	Supplier	Quantity
A	Water demin.	Aqua		Qs to 100 %
	<b>Xanthan Gum FNCSP Personal Care Grade</b>	<b>Xanthan Gum</b>	<b>Jungbunzlauer</b>	0.80 %
	<b>ERYLITE® Personal Care Grade</b>	<b>Erythritol</b>	<b>Jungbunzlauer</b>	5.00 %
	<b>Sodium Gluconate</b>	<b>Sodium Gluconate</b>	<b>Jungbunzlauer</b>	0.20 %
B	Emulium Delta MB	Cetyl Alcohol, Glyceryl Stearate, PEG-75 Stearate, Ceteth-20, Steareth -20	Gattefossé	8.50 %
	Eusolex 9020	Avobenzene	Merck	5.00 %
	Tinosorb S	BEMT	BASF	10.00 %
	Tinosorb M	Methylene Bis-Benzotriazolyl Tetramethylbutylphenol (and) Aqua (and) Decyl Glucoside (and) Propylene Glycol (and) Xanthan Gum	BASF	5.00 %
	Eusolex HMS	Homosalate	Merck	4.00 %
	Eusolex OCR	Octocrylene	Merck	4.00 %
	<b>CITROFOL® F100</b>	<b>Acetyl Tributyl Citrate, Tributyl Citrate</b>	<b>Jungbunzlauer</b>	6.00 %
	Cetiol Sensoft	Propylheptyl Caprylate	BASF	2.00 %
	Shea Butter	Shea Butter	Naturschönheit	3.00 %
C	Sodium Hydroxide			Qs
	Preservative			Qs

**Jungbunzlauer**

*From nature  
to ingredients®*

## Directions

- 1 Heat up phase A to 75 °C (167 °F)
- 2 Heat up phase B separately to 75 °C (167 °F)
- 3 Add phase B into phase A and homogenise it
- 4 Cool down, neutralise with phase C
- 5 Add preservative and adjust pH to 5.0

## Technical Data

Appearance: white cream

Viscosity Brookfield (Sp. 64 / 3 RPM): 110000 mPas

pH Value: 5.0 +- 0.3

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## Stability

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



\* calculated with BASF Sunscreen Simulator

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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.