

BB Cream light SPF 50+*



with Sodium Gluconate
and Glucono-delta-Lactone

Phase	Ingredients	INCI	Supplier	Quantity
A	Water demin.	Aqua		Qs to 100%
	Xanthan Gum FNCSP Personal Care Grade	Xanthan Gum	Jungbunzlauer	0.80 %
	ERYLITE® Personal Care Grade	Erythritol	Jungbunzlauer	5.00 %
	Sodium Gluconate	Sodium Gluconate	Jungbunzlauer	0.20 %
	Glucono-delta-Lactone Personal Care Grade	Glucono-delta-Lactone	Jungbunzlauer	5.00 %
	Trisodium Citrate Dihydrate	Trisodium Citrate	Jungbunzlauer	1.50 %
	Citric Acid Anhydrous	Citric Acid	Jungbunzlauer	0.50 %
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 %
	CITROFOL® H140	Tributyl Citrate, Triethyl Citrate	Jungbunzlauer	8.00 %
	Cetiol Sensoft	Propylheptyl Caprylate	BASF	2.00 %
Shea Butter	Shea Butter	Naturschönheit	3.00 %	
C	Unipure Red LC 381 EM	CI 77491: Iron oxides	Sensient	0.20 %
	Unipure Yellow LC 182 EM	CI 77492: Iron oxides	Sensient	0.50 %
	Unipure Black LC 989 EM	CI 77499: Iron oxides	Sensient	0.03 %
	Unipure White LC 981 EM	CI 77891: Titanium Dioxide	Sensient	6.00 %
D	Sodium Hydroxide			Qs
	Preservative			Qs

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*From nature
to ingredients®*

Directions

- 1 Heat up phase A to 75 °C (167 °F), adjust pH to 5.5
- 2 Heat up phase B separately to 75 °C (167 °F)
- 3 Add phase C into phase B at 75 °C (167 °F)
- 4 Add phase BC into phase A and homogenise it
- 5 Neutralise with Phase D, cool down
- 6 Add preservative and adjust pH to 5.0

Technical Data

Appearance: brown cream

Viscosity Brookfield (Sp. 64 / 3 RPM): 163000 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

Headquarters **Jungbunzlauer Suisse AG** · CH-4002 Basel · Switzerland · Phone +41-61-2955 100

For further information please contact: headquarters@jungbunzlauer.com

www.jungbunzlauer.com

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.