

Jungbunzlauer

From nature to ingredients®



Efficient sunscreen SPF 30*

with CITROFOL® AI Extra
and CITROFOL® BI

Phase	Ingredients	INCI	Supplier	Quantity
A	Water demin.	Aqua		Qs to 100 %
	Glycerine	Glycerine		3.00 %
	Sodium Gluconate	Sodium Gluconate	Jungbunzlauer	0.20 %
	Xanthan Gum FNCSP-PC	Xanthan Gum	Jungbunzlauer	0.40 %
B	Emulium® Delta MB	Cetyl Alcohol (and) Glyceryl Stearate (and) PEG-75 Stearate (and) Ceteth-20 (and) Steareth-20	Gattefossé	4.00 %
	CITROFOL® BI	Tributyl Citrate	Jungbunzlauer	9.50 %
	CITROFOL® AI Extra	Triethyl Citrate	Jungbunzlauer	6.00 %
	Uvinul® T150	Ethylhexyl Triazone	BASF	4.50 %
	Uvinul® A Plus	Diethylamino Hydroxybenzoyl Hexyl Benzoate	BASF	5.40 %
	Tinosorb® S	Bis-Ethylhexyloxyphenol Methoxyphenyl Triazine	BASF	1.30 %
	Eusolex® OS	Ethylhexyl Salicylate	Merck	4.00 %
	C	Preservative		

Directions

- 1 Dissolve ingredients from phase A and preheat to 80 °C (176 °F)
- 2 Dissolve ingredients from phase B and preheat to 80 °C (176 °F)
- 3 Add phase B into phase A under stirring and homogenise for 2 min
- 4 Cool down to room temperature whilst stirring
- 5 Add phase C and adjust pH to 6.5 with citric acid (LIQUINAT®)

Technical Data

Appearance: off-white cream

pH: 6.4 - 6.6

Viscosity Brookfield: (Sp. 64 / 30 RPM): 3200 mPas

Stability

Stable for at least 3 months at RT, 1 °C (34 °F) and 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.