



Hair styling curl balm

with ERYLITE®

Use the Jungbunzlauer curl balm to style your curly or wavy hair and bring your curls to light without weighing your hair down. With its formulation being free from polyquats and silicones and having a reduced list of ingredients, the Jungbunzlauer curl balm constitutes a reliable clean-label alternative compared to usual benchmark products.

Benefits

Moisturising and anti-frizz effect

Thanks to its ERYLITE® enriched formulation, the Jungbunzlauer curl balm helps reducing unwanted frizz by penetrating the hair and hydrating it. Acting as a humectant, ERYLITE® absorbs the extra moisture in the hair and creates a protective coating around the outside of the hair to help lock in moisture.

Pleasant sensory assets

Tested for different sensory parameters, the Jungbunzlauer curl balm provides a nice feeling during handling as well as on the hair. Furthermore it leads to glossy hair.

Curl retention

The Jungbunzlauer curl balm provides stable and natural-looking curls over weather and time hurdles, allowing those to keep their well-defined structure during a full day.

Proof of benefits

Results of the anti-frizz test

Reference

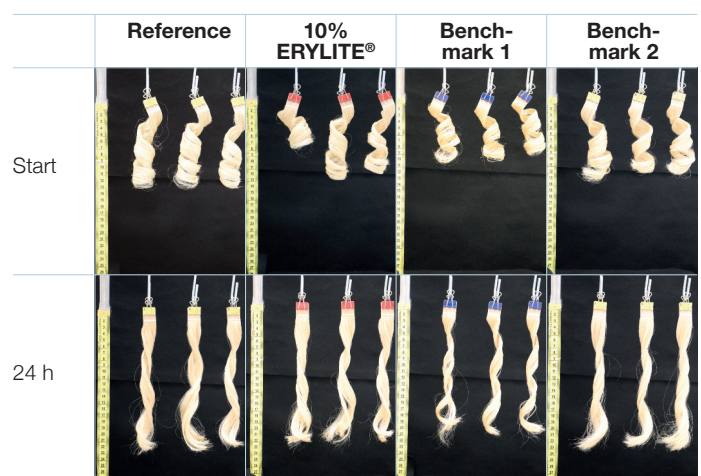


Formulation with ERYLITE®



The shadow mapping test allows to rate the frizz and visualise the curl definition. The formulation containing ERYLITE® shows a better defined curl and therefore a shorter strand than the blank formulation.

Curl retention test



The ERYLITE® formulation does not have a negative impact on the curl retention performance compared to a reference formulation and several curl balm benchmarks.

Jungbunzlauer Ingredients

Name	ERYLITE®	CITROFOL® AI	Xanthan Gum FNCSP-PC
INCI	Erythritol	Triethyl Citrate	Xanthan Gum
Function	Humectant & anti-frizz agent	Emollient	Thickener
ISO 16128 ¹⁾	NOI = 1	NOI = 1	NOI = 1
COSMOS	Yes	Yes	Yes
Biodegradability ²⁾	Readily biodegradable	Readily biodegradable	Readily biodegradable
CAS number	149-32-6	77-93-0	11138-66-2
EC number	205-737-3	201-070-7	234-394-2
REACH number	01-2120764372-54	01-2119955435-32	Exempted from registration

¹⁾ Natural origin index ²⁾ Method: OECD test guideline 301

Formulation

Phase	Ingredients	INCI	Supplier	Quantity
A	Water demin.	Aqua		Qs to 100
	Xanthan Gum FNCSP-PC	Xanthan Gum	Jungbunzlauer	0.40 %
	ERYLITE® Personal Care Grade	Erythritol	Jungbunzlauer	15.00 %
B	Emulium Delta MB	Cetyl Alcohol, Glyceryl Stearate, PEG-75 Stearate, Ceteth-20, Steareth-20	Gattefossé	4.00 %
	Lanette O	Ceteratyl Alcohol	BASF	2.00 %
	Lipocire A SG	C10-18 Triglycerides	Gattefossé	1.00 %
	Eutanol G	Octyldodecanol	BASF	2.50 %
	CITROFOL® AI	Triethyl Citrate	Jungbunzlauer	2.50 %
C	Preservative			Qs
	Perfume		Luzi	Qs
D	Sodium Hydroxide	Sodium Hydroxide		Qs

Directions

- 1 Mix ingredients of phase A one after another and heat to 75 °C (167 °F) whilst stirring
- 2 Premix phase B, heat to 75 °C (167 °F) and stir until completely dissolved
- 3 Slowly emulsify phase B into phase A whilst stirring
- 4 Homogenise for 2 – 5 min by using an Ultra Turrax
- 5 Cool down to 35 °C (95 °F) and add phase C whilst stirring
- 6 Set pH value with phase D

Technical Data

Appearance: white, creamy emulsion

Viscosity Brookfield: (Sp. 4 / 6 RPM): 6000 – 8000 mPa·s

pH Value: 5.5 – 6.5

Stability

Stable for 3 months at RT

The information contained herein has been compiled carefully to the best of our knowledge. We do not accept any responsibility or liability for the information given in respect to the described product. Our product has to be applied under full and own responsibility of the user, especially in respect to any patent rights of others and any law or government regulation.

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