

Yogurt Face Mask

Refreshing Care for Sensitive Skin



Phase	Ingredient	INCI	Function	Supplier	% w/w
A	Deionized Water	Aqua (Water)	Viscosity increasing Functional ingredient Humectant	CP Kelco Lipoid Kosmetik Kuraray	91.14
	Keltrol® CG-RD	Xanthan Gum			0.80
	Acacia Collagen Powder	Acacia Seyal Gum			0.50
	Isopentyldiol	Isopentyldiol			3.00
B	Deionized Water	Aqua (Water)	Active ingredient	Lipoid Kosmetik	3.00
	Yogurtolin®	Yogurt Powder or Yogurt			0.50
C	Eumulgin® CO 40	PEG-40 Hydrogenated Castor Oil	Solubilizer	BASF	0.04
	LE MILK 2700600	Parfum (Fragrance)	Fragrance	Essencia	0.02
D	euxyl® PE 9010	Phenoxyethanol, Ethylhexylglycerin	Preservative	Schülke & Mayr	1.00

Procedure

- Prepare phase A by adding one ingredient by one. If necessary, homogenize after adding isopentyldiol
- Prepare phase B separately. Make a lumpfree dispersion of Yogurtolin® before adding it to the batch
- Add phase B to A and mix well
- Prepare phase C separately. Add it to the batch and homogenize shortly
- Finally add the preservative and homogenize shortly

Technical Data

- Appearance: slightly hazy, colorless to slight yellowish fluid
- pH value: 5.5 - 6.5
- Viscosity: 3000 - 8000 (Brookfield LV, Sp. 2, 10 rpm)

Formulation Stability

Successfully passed internal stress test (3 months at 5 °C, 25 °C and 40 °C)

Microbiological Stability

Successfully passed microbial challenge test (ISO 11930:2019-04)

Lipoid Kosmetik Products

- Yogurtolin® (Art. 410316.00.2)
- Acacia Collagen Powder (Art. 150153.00.2)

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Formulation Insights

Appearance/ Aim

A low viscous serum for facial sheet masks or eye patches with low tackiness. It is designed to bring an instant refreshing and cooling sensation to stressed skin, while providing moisture and rejuvenation.

Ingredients

- **Yogurtolin®** is the world's first scientifically tested and **certified 'Microbiome friendly'** active ingredient. The value of Yogurtolin® as a skin care ingredient is not only based on its strong prebiotic functionality and soothing efficacy, but also on its pre-existing, positive consumer associations, e.g., the expectation of skin cooling and refreshment. These associations allow to create straightforward product concepts with yogurt that do not need long explanations to reach and persuade overcommunicated consumers. Please ask for our product flyer.
- **Acacia Collagen Powder** is a natural gum from the acacia tree, also known as acacia gum. It is a preservative-free powder consisting of polymeric carbohydrates. It is largely used for its texture enhancing properties (e.g., reducing unpleasant tackiness of creams and lotions). It is further used for its film-forming and adhering properties, particularly in liquid makeup products such as mascara or eyeliner but also sunscreens (e.g., improving distribution and durability). Moreover, it is suitable as a thickener in lipsticks, as a binding agent in face powder cakes, as an adhesive in blushers, or as a foam stabilizer in liquid soaps.

Characteristics

- Minimalistic, refreshing water-based formulation
- Formulation with certified 'microbiome friendly' ingredient: Yogurtolin®

Benefits

- Instant sensation of skin refreshment
- Purifying, soothing, and calming properties, particularly for sensitive skin
- Prebiotic functionality to improve microbial barrier

Disclaimer: The information contained herein is, to our best knowledge, true and accurate, but all recommendations or suggestions are made without guarantee. This is a prototype formulation supplied only as an example of how to use our raw materials and requires further evaluation by customers.

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