Matrix-Shaping Face Cream

with PhytoCodine®, Acacia Collagen and LIPOID P 75-3



Phase	Ingredient	INCI	Function	Supplier	% w/w
A	**Acacia Collagen Powder**	**Acacia Seyal Gum**	**Functional ingredient**	**Lipoid Kosmetik**	**0.10**
	LIPOID P 75-3	**Hydrogenated Lecithin**	**Emulsifier**	**Lipoid Kosmetik**	**3.00**
	Deionized Water	Aqua (Water)			Ad 100
	KELTROL® CG-T	Xanthan Gum	Thickener	CP Kelco	0.15
	Glycerin 99.5%	Glycerin	Humectant		4.50
B	Lanette® O	Cetearyl Alcohol	Consistency enhancer	BASF	1.50
	Beeswax, pesticide removed	Beeswax	Consistency enhancer	Hammonia Oleochemicals	1.00
	dermofeel® sensolv	Isoamyl Laurate	Emollient	Evonik Nutrition & Care	3.00
	Myritol® 318	Caprylic/ Capric Triglyceride	Emollient	BASF	2.50
	Squalane, Olive	Squalane	Emollient		4.00
	SEPINOV™ EMT 10	Hydroxyethyl Acrylate/ Sodium Acryloyldimethyl Taurate Copolymer	Thickener	SEPPIC	0.90
C	**PhytoCodine®**	**Glycerin, Aqua (Water), Lecithin, Hydrolyzed Pinus Sibirica Seedcake Extract, Acanthopanax Senticosus (Eleuthero) Root Extract, Pentylene Glycol, Sodium Hydroxide, Tocopherol**	**Active ingredient**	**Lipoid Kosmetik**	**1.00**
D	E-Leen® Green C	Pentylene Glycol, Glyceryl Caprylate/ Caprate	Preservative	MinaSolve	4.00
	NaOH	Sodium Hydroxide	Neutralizing agent		q.s.
	Taiga	Perfume (Fragrance), Citronellol, Limonene, Linalool	Fragrance	Frey & Lau	0.30

Procedure

- Disperse LIPOID P75-3 in deionized water at 60 °C, add the remaining components of phase A
- Heat phase B to 70 °C
- Add phase B to A, homogenize
- Cool the emulsion down to 40 °C, add phase C and homogenize shortly again
- Cool further down to room temperature, add preservative and perfume
- Adjust the final pH to 6 – 7

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Technical Data
- Appearance: light beige, glossy emulsion
- pH value: 6 − 7

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)

Lipoid Kosmetik Products
- PhytoCodine® (Art. 410217.00.2)
- Acacia Collagen Powder (Art. 150153.00.2)
- LIPOID P 75-3 (Art. 525800.00.4)

Discover PhytoCodine®

Formulation Insights

Appearance/ Aim
A light-beige, soft emulsion with plant-derived anti-aging peptides (PhytoCodine®) as a signal for skin rejuvenation and with hydrogenated lecithin (LIPOID P 75-3) as a natural and sole emulsifier. The emulsion provides an outstanding smooth and silky after-feel.

Ingredients
- **PhytoCodine®** contains natural matrikine-like peptides from cedar nuts, which stimulate the formation of extracellular matrix components and thereby help to shape the structure of the skin. Its combination with a liposomal carrier system for peptide penetration enhancement and protease inhibitors from Siberian Ginseng for peptide protection, makes it a highly effective anti-aging active. In addition, it is COSMOS- and NATRUE approved. For further information please request our product flyer.
- **Acacia Collagen** perfectly complements PhytoCodine®.It is a natural gum from the acacia tree, also known as acacia gum. It is a preservative-free powder consisting of polymeric carbohydrates and 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. Please ask us for further information.
- **LIPOID P 75-3** is a 100% natural and COSMOS-approved o/ w emulsifier with excellent skin feel and barrier-repair properties. Please ask for our product flyer.

Characteristics
- Without PEGs and silicones
- Formulation preserved with non-listed preservatives

Benefits
- Natural, matrikine-like messenger peptides from cedar nut to reprogram skin structure
- Rejuvenation effect through extracellular matrix renewal
- Improvement of dermal surface and texture
- Support of facial density and elasticity

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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We make beauty natural.