

Moisturizing Sun Cream

with 5x Hyaluronic Acid

M25 021

Powerful daily sun protection meets advanced hydration. This light cream combines photostable **UVA/UVB Filters** with a five-type **Hyaluronic Acid** complex to hydrate at multiple levels of the skin, delivering immediate softness and long-lasting moisture. The non-greasy texture melts in quickly, leaving a smooth, comfortable finish that's ideal for everyday wear.

Phase	Ingredient	INCI-Name	Supplier	% w/w
A	Diethylamino Hydroxybenzoyl Hexyl Benzoate	Diethylamino Hydroxybenzoyl Hexyl Benzoate	STOCKMEIER	5.00
	Apri®Sun DHBT	Diethylhexyl Butamido Triazone	STOCKMEIER	4.00
	Apri®Sun EHT	Ethylhexyl Triazone	STOCKMEIER	5.00
	Apri®Soft DBA	Dibutyl Adipate	STOCKMEIER	2.00
	Finsolv® TN	C12-15 Alkyl Benzoate	INNOSPEC	5.00
	Rofetan® CCC	Coco-Caprylate Caprate	ECOGREEN	4.00
	Emfinity® AS CAM	Caprylyl Methicone	BRB	4.00
	Sympare BL SSGS G (MB)	Methyl Glucose Sesquistearate, Sorbitan Stearate	KLK KOLB	5.00
	Ecorol® 68/50P	Cetearyl Alcohol	ECOGREEN	2.00
	Apri®OI BA	Behenyl Alcohol	STOCKMEIER	1.00
B	RM-T177	Hydroxypropyl Starch Phosphate	ADM	1.00
	Puresoft Pure	Sodium Stearoyl Glutamate	MAYCOS	0.50
	Emfinity® SR PMS5	Polymethylsilsesquioxane	BRB	1.00
C	Propylene Glycol	Propylene Glycol	STOCKMEIER	5.00
	Glycerin 99.5 %	Glycerin	STOCKMEIER	3.00
	1,3-Butandiol	Butylene Glycol	STOCKMEIER	2.00
	1,2 Hexanediol	1,2 Hexanediol	STOCKMEIER	2.00
	Natrlquest® E30	Trisodium Ethylenediamine Disuccinate	INNOSPEC	0.50
	Xanthan Gum	Xanthan Gum	STOCKMEIER	0.20
	Biomer	Potato Starch Modified	MAYCOS	0.30
D	Water	Aqua/Water		ad. 100
E	SENSICARE® C 1090	Phenoxyethanol, Ethylhexylglycerin	CHEMIPOL	1.00
	Apri®Sun MD	Methylene Bis-Benzotriazolyl Tetramethylbutylphenol (nano), Aqua/Water, Decyl Glucoside, Propylene Glycol, Xanthan Gum	STOCKMEIER	4.00
	Alina AS	Aqua/Water, Glycerin, Proline, Arginine, Sodium Lactate, Glutamic acid, Niacinamide, Alanine, Aleuritic acid, Phenethyl Alcohol, Lactic acid	ALINA	4.00
	5M Hyaskin®	Aqua/Water, Sodium Hyaluronate, Hydrolyzed Sodium Hyaluronate, Ethylhexylglycerin, 1,2-Hexanediol	FOCUS FRED A	5.00
	Fragrance	Parfum		0.20
F	Citric Acid 20 %	Aqua/Water, Citric Acid	STOCKMEIER	0.25

Manufacturing Procedure

- 1) Prepare oil phase (A) and heat to 75 – 80 °C.
- 2) Add phase B to the oil phase and mix until the starch is fully activated.
- 3) For the aqueous phase, pre-disperse the ingredients of phase C, then fill up with hot water (D).
- 4) Add the hot oil phase (A/B) to the hot water phase (C/D) while stirring. Then homogenize the coarsely dispersed pre emulsion.
- 5) Allow the formulation to cool to below 45 °C, then slowly add the components of phase E. Homogenize again.
- 6) Adjust the pH to 6.5 using citric acid (F).

Disclaimer

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Typical Properties

Appearance	off-white, glossy emulsion, scented
pH-value (@20°C)	6.25 – 6.75
Stability	6 weeks, 20 °C and -5 °C to 40 °C cycles
Calculated SPF	50