

Formulation

Winged Sapphire Lift Mascara

ELS-4.7-0126

Water-resistant, lash lengthening & volume Mascara

Isolan® DispersPlus ensures homogenous release of color pigments. TEGO® FILMSTAR ONE MB provides water resistance and wear resistance.

To promote long-term eyelash lengthening CapilMax® NG has been added. dermosoft® Heptyl MB delivers efficient anti-microbial protection.

Phase	Ingredients	Dose (% W/W)
A	Water, deionized (Aqua)	50.35
A1	Glycerin 99,5%, Ph. Eur. (Glycerin)	3.00
	Pullulan (Pullulan)	3.50
	Gum Arabic Powder 2030 (Acacia Senegal Gum)	1.50
	dermosoft® Heptyl MB (Heptylglycerin)	0.50
	dermosoft® Hexiol (1,2-Hexanediol)	0.50
A2	Unipure Blue LC680 (CI 77007; Kaolin)	5.50
	Colorona Dark Blue (Mica; CI 77891; CI 77510)	3.00
	Unipure White LC981 EM (CI 77891; Silica)	1.50
	Ronastar Diamond Black IQ (CI 77499; Alumina; Silica; CI 77491)	0.20
A3	ISOLAN® DisperPlus (Polyglyceryl-4 Diisostearate/ Polyhydroxystearate/ Sebacate, Polyhydroxystearic Acid)	1.00
B	Cutina FS 45 (Stearic Acid; Palmitic Acid)	3.00
	TEGIN® Pellets MB (Glyceryl Stearate SE)	3.00
	Kahlwax 8104 (Cera Alba)	2.00
	dermofeel® viscolid SG (Hydrogenated Palm Oil; Hydrogenated Rapeseed Oil)	2.00
	TEGO® FILMSTAR One MB (Polyglyceryl-3 Stearate/Sebacate Crosspolymer)	2.00
	Kahlwax 6642 (Copernicia Cerifera Cera)	2.00
	Unifilma HVY (Dextrin Isostearate)	2.00
	TEGOSOFT® LO MB (Lauryl Oleate)	4.50
	TEGOSOFT® CR MB (Cetyl Ricinoleate)	3.00
	dermofeel® Toco 70 non GMO (Tocopherol, Helianthus Annuus (Sunflower) Seed Oil)	0.25
C	Sodium Hydroxide, 20% sol. in water	0.20
D	TEGO® Feel C 10 (Cellulose)	2.00
	CapilMax® NG (Water; Glycerin; Medicago Sativa Extract; Humulus Lupulus Extract; Rosmarinus Officinalis Leaf Extract; Melilotus Officinalis Extract; Sodium PCA; Sodium Lactate; Arginine; Aspartic Acid; PCA; Glycine; Alanine; Serine; Valine; Proline; Threonine; Isoleucine; Histidine; Phenylalanine)	0.50
	Ethanol denat. (Alcohol Denat.)	3.00

PROCESSING

1. Place water of phase A at room-temperature in the beaker first
2. Dissolve ingredients of A1 in A one after the other while stirring
3. Heat Phase A/A1 up to 80°C
4. Phase A2: Grind pigments. Add pigments and part A3 while stirring to phase A/A1. Homogenize until pigments are completely dispersed
5. Heat phase B separately up to 85°C

6. Emulsify phase B to phase A while stirring. Add Phase C
7. Homogenize
8. Cool down to room-temperature while stirring
9. Below 40°C add ingredients of part D one after the other while stirring.
10. Control pH value
11. Fill immediately into containers

REMARKS

Natural content cn: 63.9%

Natural origin content cno: 99.2% (incl. water, ISO 16128)

APPEARANCE

Blue Emulsion

VISCOSITY

140.000 - 300.000 mPas (Brookfield (21°C): TF; Speed 10 rpm)

PH VALUE

6.2 - 6.8

STABILITY TEST

Proven

MICROBIOLOGICAL SAFETY

Challenge test passed

Disclaimer

This formulation proposal and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee regarding the formulation proposal in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of the formulation proposal in the respective application field. Performance and properties of the formulation proposal described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

Evonik Operations GmbH

Care Solutions
Goldschmidtstraße 100
45127 Essen
Germany
Phone +49 201 173-2546
Fax +49 201 173-712546