



Black Widow Mascara

Phase	Trade/Drug Name	INCI Name	Wt.%
A	Deionised Water	Aqua	57.09
	Zemea®	Propanediol	2.00
A ₁	Keltrol® CG-SFT	Xanthan Gum	0.40
	Sodium Hydroxide (pellets 100%)	Sodium Hydroxide	0.50
A ₂	CreaBlack®	CI 77499	10.00
A ₃	Saliguard® MEPX	Phenoxyethanol, Methylparaben, Ethylparaben	1.00
	Palmera® B1802	Stearic Acid, Palmitic Acid	5.00
	Cutina® GMS V	Glyceryl Stearate	3.50
	Beeswax 8104	Cera Alba	5.50
B	Syncrowax™ HRC	Tribehenin	3.00
	Dermofeel® Toco 70 (non GMO)	Tocopherol, Helianthus Annuus Seed Oil	0.01
	Performa™ V 6112 Polymer	C28-52 Olefin/Undecylenic Acid Copolymer	2.00
C	Xiameter® PMX-200 Silicone Fluid 2cs	Dimethicone	3.00
	Planoxia-RG	Aqua, Butylene Glycol, Panax, Ginseng Root Extract	2.00
D	Coloursphere® WL 40 Black HL	Styrene/Acrylates Copolymer, PEG 26-PPG 30 Phosphate, CI 77499	5.00
	Total		100.00

Manufacturing Process

1. Heat phase A to 85°C.
2. Add ingredients of phase A1 in given order and stir until completely dissolved.
3. Add and disperse A2 while stirring.
4. Add A3.
5. Homogenize phase A-A3 prior emulsification.
6. Heat phase B to 85°C.
7. Add phase A to phase B while stirring. Homogenize.
8. Add part C below 70°C.
9. Cool down to room temperature. Add ingredients of phase D below 40°C.

Prototype formulation provided by: Biesterfeld Spezialchemie GmbH., Zagreb, Croatia

Product Features:

1. Appearance: black, viscous paste pH: 6,5-7,5.
2. Viscosity: Approx. 50000 mPas (Brookfield DVII: spindle 7, speed 10).
3. Stability: Stable for more than 3 months at 20° C, 40°C and 4°C.

For additional information or samples:

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