



Zemea® Umbrella For Lashes

Water-resistant and Volume Mascara

Phase	Trade/Drug Name	INCI Name	Wt.%
A	Zemea®	Deionised Water Propanediol	46.20 3.00
A ₁	Keltrol® CG-SFT	Xanthan Gum	0.40
A ₂	CreaBlack® Super	CI 77499	10.00
A ₃	Saliguard® MEPX	Phenoxyethanol, Methylparaben, Ethylparaben Sodium Hydroxide (pellets 100%)	1.00 0.40
B	Palmera® B1802	Stearic Acid, Palmitic Acid	5.00
	Cutina GMS V	Glyceryl Stearate	3.50
	Bees Wax	Cera Alba	5.50
	DC SW-8005 C30 Resin Wax	C30-45 Alkyldimethylsilyl Polypropylsilsesquioxane	3.00
C	Xiameter® PMX-200 Fluid 2 cs	Dimethicone	3.00
	DC 680 ID Fluid	Polypropylsilsesquioxane, Isododecane	2.00
	Hybridur® 875 Polymer Dispersion	Polyurethane-2, Polymethyl Methacrylate	10.00
	Planoxia-RG	Aqua, Butylene Glycol, Panax Ginseng Root Extract	2.00
	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 while stirring.
2. Add and dissolve A1 while stirring then add A2 while stirring.
3. Add and dissolve A3 while stirring. Homogenize the complete waterphase.
4. Heat phase B to 85°C-90°C. Emulsify phase A slowly to phase B while stirring. Homogenize
5. Cool down to room-temperature and add the ingredients of phase C below 40°C in given order while stirring. Fill in container
6. 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 and shiny emulsion.
2. Product benefit: long lasting, water resistant, volumizing.
3. Viscosity: 60000 - 10000 mpas (Brookfield DV-II: spindle 7, speed 10).
4. Storage stability: stable for more than 3 months at 20°C, 40°C and 4°.

For additional information or samples:

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