









Formulation sheet

Black mascara

Oil-in-water emulsion

Phase	Ingredient	Wt.%
Α	Deionized water	49.00%
	Xanthan gum	0.15%
	Veegum HV granules	0.55%
	Disodium EDTA	0.05%
	Triethanolamine 99%	0.50%
	Lecithin	0.20%
	Methyl paraben	0.30%
	Zemea® propanediol	10.00%
В	Black iron oxide	9.00%
С	D5 Cyclomethicone	4.50%
	DC5225C formulation	0.90%
	White beeswax	7.25%
	Carnauba wax #1	3.50%
	Stearic acid triple pressed	1.80%
	Glyceryl monostearate	1.80%
	Polybutene	3.50%
	Phenoxyethanol	1.00%
	Propyl paraben	0.20%
	PVP/eicosene copolymer	4.00%
	Stearyl alcohol	1.80%
	Total	100.00%

Benefits

- · Excellent stability
- · Excellent aesthetics
- Good humectancy and moisturization

Procedure

- 1. Disperse phase A into a uniform phase.
- 2. Add phase B to phase A.
- 3. Mix A and B until homogeneous.
- 4. Melt phase C at 80-85°C.
- 5. Heat phase A and B at 75-80°C.

- 6. Slowly add phase C to phase A and B.
- 7. Stir at 75°C for 15 minutes.
- 8. Paddle mix the batch at 45°C.
- 9. Mix and cool the batch to 35°C.

COVATIONBIO PDO

For additional information or samples, please contact Customer Service.

198 Blair Bend Drive, Loudon, TN 37774 | Tel: +1-866-404-7933 | CovationBioPDO.com

Zemea® is a registered trademark of Primient Covation LLC for its brand of bio-based propanediol marketed under the name CovationBio™ PDO. Copyright © 2023 Primient Covation LLC. All rights reserved. COV23_2301-0256_3-8473 (3/23)