



## Liquid Eyeliner

Phase	Ingredient	Wt, %	Manufacturing Process
A	Deionized Water	35.00	<ol style="list-style-type: none"><li>1. Combine Phase A ingredients into a uniform phase.</li><li>2. Grind Phase B in a micropulverizer.</li><li>3. Mix A and B until homogeneous.</li><li>4. Combine Phase C ingredients and melt at 80-85°C with good mixing.</li><li>5. Heat Phase A at 75-80°C.</li><li>6. Slowly add Phase C to Phase A and B with continuous mixing.</li><li>7. Stir at 75°C for 15 minutes and cool the batch.</li><li>8. Combine Phase D ingredients.</li><li>9. At 50°C, slowly add Phase D to the batch.</li><li>10. Continue to cool the batch to room temperature.</li></ol>
	Keltrol F	0.20	
	Methyl Paraben	0.25	
	PVP K-30 (10% Aq. Solution)	11.75	
	Triethanolamine 99%	1.00	
Zemea® Propanediol	10.00		
B	Cosmetic Russet C33-5138	5.00	
	Cosmetic Yellow C33-1700	1.00	
	Black Iron Oxide LC989	2.00	
	Sericite PHN	2.00	
C	Carnauba Wax #1	4.00	
	White Beeswax	2.00	
	Permethyl 104A	6.00	
	Stearic Acid	2.50	
	Lipo GMS 450	1.00	
	Propyl Paraben	0.20	
	Phenoxyethanol	1.00	
D	Deionized Water	1.00	
	Gemall 115	0.10	
	Lubrajel Oil	14.00	

### Benefits of Zemea® propanediol in Liquid Eyeliner

- Excellent Stability
- Excellent Aesthetics
- Good Humectancy and Moisturization

### For additional information or samples:

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