

Zemea®* the Natural Choice... Purity and Renewable Performance



Eye Makeup Remover

PHASE	INGREDIENT	Wt, %
A	C13-15 Alkanes (Gemseal® 25)	5.00
A	C15-19 Alkanes (Gemseal® 40)	10.00
A	Oleth-5	13.00
A	DEA Oleth-3 Phosphate	5.75
B	Deionized Water	47.45
B	Zemea® 1,3 Propanediol	12.00
B	Glycerin 99%	6.50
B	Germaben II-E	0.30

Benefits of Zemea® Propanediol in Eye Makeup Remover

- Excellent stability
- Excellent aesthetics
- Good humectancy and moisturization

For additional information or samples, please contact:

DuPont Tate & Lyle Bio Products Customer Service

In the US, Canada, or Mexico: 1-866-404-7933

Other Countries: ++001-217-421-3443

On the web: www.duponttateandlyle.com

Zemea® renewably sourced™ propanediol

Procedure

- Weigh the ingredients of Phase A in a suitable vessel
- Begin heating to 75-80° C with good mixing
- Weigh ingredients of Phase B in a separate vessel and begin to heat to 75-80° C with good mixing
- When both phases are at the proper temperature, slowly add Phase B to Phase A with continuous mixing. Increase mixer speed as the phases are combined. Switch to a side wiping mixer and continue mixing until the batch is smooth, uniform and homogeneous
- Mix for 15 minutes, and begin cooling batch with continuous mixing
- Cool to 25° C



Chestnut Run Plaza 711 • 4417 Lancaster Pike • Wilmington, DE 19805

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