

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



Zemea® Fresh Kick BB Mousse (expected SPF 15) UVA

Zemea®
renewably sourced™ propanediol

Phase	Trade Name / Drug Name	INCI Name	Wt%
A		Deionised Water	36.18
	Zemea®	Propanediol	5.00
	Glycerin 86%	Glycerin	5.00
		Sodium Chloride	1.00
	Salicat MI 10	Aqua, Methylisothiazolinone	0.10
B	DC EL-7040 Hydro Elastomer Blend	Caprylyl Methicone, PEG-12 Dimethicone/PPG-20 Crosspolymer	30.00
C	Salisol OMC	Ethylhexyl Methoxycinnamate	3.00
	Z-Cote HP 1	Zinc Oxide, Triethoxycaprylylsilane	4.00
	DC FZ-3196	Caprylyl Methicone	4.00
	DC BY 25-337	PEG/PPG-19/19 Dimethicone, C13-16 Isoparaffin, C10-13 Isoparaffin	2.00
	Mi Brid SA/NAI TR-10/D5	CI 77891, Cyclopentasiloxane, Dimethicone, Disodium Stearoyl Glutamate, Alumina	7.40
	Mi Brid SA/NAI R-10/D5	CI77491, Cyclopentasiloxane, Dimethicone, Disodium Stearoyl Glutamate, Alumina	0.40
	Mi Brid Y-10/D5	CI77492, Cyclopentasiloxane, Dimethicone, Disodium Stearoyl Glutamate, Alumina	1.40
	Mi Brid SA/NAI B-10/D5	CI 77499, Cyclopentasiloxane, Dimethicone, Disodium Stearoyl Glutamate, Alumina	0.27
		Parfume	0.25
	Total		100.00

Manufacturing Process (cold process):

1. Dissolve phase A.
2. Add phase A little by little to phase B while stirring with high stirring speed until a homogeneous viscous mousse gel is obtained.
3. Premix phase C while stirring.
4. Add phase C to phase A/B while stirring until a homogeneous gel is obtained.

Prototype formulation provided by Biesterfeld Spezialchemie GmbH.

Product Features:

- Appearance: brown viscous mousse gel
- Application behaviour: smooth, silky and moisturized skin feel
- Viscosity: appr. 80000 mpas (Brookfield DV-II Spindle 7, Speed 10)
- Storage stability: stable for more than 3 months at 20°C, 40°C and 4°C.



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

Chestnut Run Plaza 711 • 974 Centre Road • Wilmington, DE 19805, USA

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