

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

Zemea®

renewably sourced™ propanediol

Bright Spot

Phase	Trade Name / Drug Name	INCI Name	Wt%
A	Zemea®	Propanediol	56.80
A1	Ascorbic Acid (Vitamin C)	Ascorbic Acid	5.00
B	Dow Corning® FZ-3196	Caprylyl Methicone	7.50
	Aromatic Grapefruit Pomegranate Blend M 9088	*	0.70
	Dow Corning® EL-7040 \Hydro Elastomer Blend	Caprylyl Methicone, PEG-12 Dimethicone/PPG-20 Crosspolymer	30.00
	Total		100.00

Manufacturing Process:

1. Mix phase B together at room temperature.
2. Heat phase A up to 70° C and dissolve phase A1 while stirring until a clear solution is obtained.
3. Add A to B little by little while stirring. Stir until a viscous and homogenous emulsion is obtained

Prototype formulation provided by Biesterfeld Spezialchemie GmbH.

Product Features:

- Appearance: White to light yellow creamgel
- Viscosity: Approx. 60000 mPas (Brookfield DVII: spindle 7, speed 10)
- Stability: Stable for more than 3 months at 20° C, 40° C and 4° C.
- Pure Vitamin C stabilization
- Outstanding smoothness and lightening effect on skin



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