

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



Zemea®

renewably sourced™ propanediol

Deodorant Stick

Phase	Trade Name / Drug Name	INCI Name	Wt%
A	Deionised Water	Aqua	18.05
	Zemea®	Propanediol	45.00
	Palmera G995EP	Glycerin	20.00
B	Sodium Hydroxide (sol.10%)	Sodium Hydroxide	9.50
C	Palmera B1802	Stearic Acid, Palmitic Acid	6.00
	Saliguard® EHG	Ethylhexylglycerin	0.75
	Parf. Lively Feeling Nat Blend o811009	Parfum	0.75
	Total		100.00

Manufacturing Process:

1. Heat phase A to 85-95° C and stir until clear.
2. Add and dissolve part B.
3. Add phase C little by little and stir until completely dissolved.
4. Add solution of phase D.
5. Add and dissolve perfume.
6. Pour into moulds at 80-85° C.

Product Features:

- Appearance: colorless (white), opaque
- Stability: Stable for more than 3 months at 20° C, 40° C and 4° C.

Prototype formulation provided by Biesterfeld Spezialchemie GmbH.

For additional information or samples, please contact:

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