



Deodorant stick

Phase	Trade/drug name	INCI name	Wt.%
A	Deionized water	Aqua	18.00%
	Zemea[®] propanediol	Propanediol	45.00%
	Palmera G995EP	Glycerin	20.00%
B	Sodium hydroxide (sol.10%)	Sodium hydroxide	9.50%
	Palmera B1802	Stearic acid, palmitic acid	6.00%
C	Saliguard [®] EHG	Ethylhexylglycerin	0.75%
	Parf. Lively Feeling Nat Blend 0811009	Parfum	0.75%
	Total		100.00%

Prototype formulation provided by: Biesterfeld Spezialchemie GmbH., Zagreb, Croatia

Procedure

1. Heat phase A to 85-95°C and stir until clear.
2. Add and dissolve phase 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 molds at 80-85°C.

Product features

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