

- Al-free deo stick • high endurance • antibacterial protection •

Phase	Ingredient	INCI	Supplier	%
A	Deionised Water	Aqua		18,05
	Zemea®	Propanediol	DuPont Tate&Lyle Bio Prod.	45,00
	Palmera® G995V	Glycerin	KLK Oleo	20,00
B	Sodium Hydroxide (sol.10%)	Sodium Hydroxide		9,50
C	Palmera® B1802	Stearic Acid, Palmitic Acid	KLK Oleo	6,00
D	Saliguard® EHG	Ethylhexylglycerin	Salicylates&Chemicals	0,75
	Parf. Lively Feeling Nat Blend 0811009	Parfum	Bell Flavors	0,70
				100,00

Product Features:

Appearance: Colorless to white, opaque stick

Stability: Stable for more than 3 months at 20°C, 40°C and 4°C.

Manufacturing Procedure

1. Heat phase A to 95-100°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 ingredients of phase D.
5. Poor into moulds at 85-90°C.

Biesterfeld Products:

Saliguard® EHG

Multifunctional ingredient that improves antimicrobial efficacy when combined with traditional preservatives and other cosmetic ingredients. Effectivity is given in a broad pH-range and the molecule is stable to heat. It inhibits the growth and multiplication of odor causing gram positive bacteria and is therefore used as deodorizing agent. Emollient properties provide soft and smooth skin feel.

Zemea®

Propanediol made from corn sugar as a 100% natural alternative to other glycols. Superior hydration properties, preservative boost effect and great synergy effects with glycerin, low irritation properties. Reduction of tackiness in formulations containing glycerin. Ecocert approved.