

- PEG-free deo roll-on • Al-free • long-lasting odor-inhibition • refreshing •

Phase	Ingredient	INCI	Supplier	%
A	Deionised Water	Aqua		76,10
	Zemea®	Propanediol	DuPont Tate&Lyle Bio Prod.	10,00
	Saliguard® EHG	Ethylhexylglycerin	Salicylates&Chemicals	0,50
	Deoplex® DH	Saccharomyces Ferment, Propanediol, Potassium Sorbate	Carrubba	2,00
B	Viscolam AT 100 EF	Sodium Polyacryloyldimethyl Taurate, Hydrogenated Polydecene, Caprylyl/Capryl Glucoside	Lamberti	1,00
	Comp. 79.8853 Super Pomegranate	Parfum	Lothar Streeck	0,40
C	Ethanol	Alcohol denat.		10,00
				100,00

Product Features:

Appearance: Turbid gel

pH: 4,8-5,5

Viscosity: 10000-20000 mpas (Brookfield: TF, speed 10 rpm)

Stability: More than 3 month stable at 20°C, 40°C and 4°C.

Manufacturing Procedure:

1. Dissolve phase A while stirring.
2. Add ingredients of B in given order.
3. Stir until a homogenous gel is obtained.
4. Add phase C slowly while stirring.

Biesterfeld Products:

Deoplex® DH

Natural deodorizing active that provides mild and effective odor control based on enzymatic conversion.

Application in a wide range of personal care and home care products to eliminate malodors caused e.g. by human perspiration, waste, pets, mildew, smoke, food and thios. Can also be effective in reducing „typical“ raw material odor.

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.

Viscolam AT 100 EF

Ready-to-use liquid polymer based on the "Hydro Swelling Droplets" concept. Thickener or co-emulsifier in O/W emulsions, depending on dosage. Acrylamide and ethoxylated free. Can be used for adjusting the viscosity of creams and lotions at any step of manufacturing. Good performance at low use level.

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.

