

- W/Si deo emulsion • Al-free • soft and silky feel • quick absorption •

Phase	Ingredient	INCI	Supplier	%
A	Deionised Water	Aqua		61,10
	Zemea®	Propanediol	DuPont Tate&Lyle Bio Prod.	5,00
	Palmera® G995V	Glycerin	KLK Oleo	5,00
	Verstatil® PC	Phenoxyethanol, Caprylyl Glycol	Dr. Straetmans	0,50
	Sodium Chloride	Sodium Chloride		1,00
	Deoplex® DH	Saccharomyces Ferment, Potassium Sorbate, Propanediol	Carrubba	2,00
B	Cosmedia® Gel CC	Dicaprylyl Carbonate, Stearalkonium Hectorite, Propylene Carbonate	BASF	5,00
	Dow Corning® ES-5600 Silicone Glycerol Emulsifier	Cetyl Diglyceryl Tris(trimethylsiloxy)silylethyl Dimethicone	Dow Corning	3,00
	Xiameter® PMX-200 Fluid 2cs	Dimethicone	Dow Corning	12,00
	Dermosoft® Decalact Deo	Sodium Caproyl/Lauroyl Lactylate, Triethyl Citrate, Salvia Officinalis Oil	Dr. Straetmans	1,00
	Dow Corning® 5562 Carbinol Fluid	Bis-Hydroxyethoxypropyl Dimethicone	Dow Corning	4,00
	Comp. 72.9956 Wasserlilie	Parfum	Lothar Streeck	0,40
				100,00

Product Features:

Appearance: White emulsion

Viscosity: 14000-24000 mpas (Brookfield: RV6, speed 10 rpm)

Stability: Stable for more than 8 weeks at 20°C, 40°C and 4°C.

Manufacturing Procedure:

1. Mix ingredients of phase A until homogenous.
2. Mix ingredients of phase B until homogenous.
3. Add slowly phase A to phase B while stirring at 700 rpm.
4. Homogenize.

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.

Dermosoft® Decalact Deo

Antimicrobial active substance, effective against microorganisms causing skin disorders such as dandruff, skin odor, athlete's foot. 100% natural alternative to triclosan and climbazol.

Dow Corning® 5562 Carbinol Fluid

Carbinol fluid with polar organic substituents. This moderate polar fluid provides a light and unique skin feel and reduces tackiness. It has a low formulated odor and imparts hydrophilicity and wetting into the formulation. Furthermore it improves fragrance retention on the skin.

Dow Corning® ES-5600 Silicone Glycerol Emulsifier

Diglycerol emulsifier suitable for PEG-free W/Si and W/O emulsions. High oil-phase flexibility and excellent emulsification performance allows to create highly stable emulsions with small initial particle size. For innovative skin care and color cosmetic emulsions with luxury silky feel.