

Body Milk

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Formulation 01721



Attributes

- Smooth Feel
- W-in-Si Emulsion
- Non-Greasy Feel

Components

Phase	Order	Ingredient	INCI Name	Wt%	Supplier	Trade Name
A		DOWSIL™ 5300 Formulation Aid	Lauryl PEG-10 Tris(Trimethylsiloxy)silylethyl Dimethicone	2		
A		DOWSIL™ FZ-3196 Fluid	Caprylyl Methicone	12.5		
A		XIAMETER™ PMX-200 Silicone Fluid 5 cSt	Dimethicone	10		
A		DOWSIL™ SW-8005 C30 Resin Wax	C30-45 Alkyldimethylsilyl Polypropylsilsesquioxane	6		
B		Water	Water	62.95		
B		Sodium Chloride	Sodium Chloride	1		
B		Glycerin	Glycerin	5		
C		NEOLONE™ PH 100	Phenoxyethanol	0.5		
C		Fragrance	Fragrance	0.05		

Procedure

Step	Process
1	Mix phase A ingredients together and heat to 85°C.
2	Mix phase B ingredients together and heat to 85°C.
3	Slowly add phase B to phase A with increasing mixing speed little by little (400 to 1000 rpm), then mix at 2000 rpm during 5 minutes.
4	Let cool it down to 35-40°C with mixing.
5	Add phase C with mixing.
6	Homogenize using a high shear mixer.

Stability

Stable for at least 1 month at 50°C.

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