

Blemish Balm (BB Cream)

Formulation 01885



Attributes

Contains Sunscreen
W-in-Si + Oil Emulsion

Components

Phase	Order	Ingredient	INCI Name	Wt%	Supplier	Trade Name
A		DOWSIL™ 5300 Formulation Aid	Lauryl PEG-10 Tris(Trimethylsiloxy)silylethyl Dimethicone	1.78		
A		XIAMETER™ PMX-0245 Cyclopentasiloxane	Cyclopentasiloxane	6.72		
A		DOWSIL™ AMS-C30 Cosmetic Wax	C30-45 Alkyl Methicone (and) C30-45 Olefin	1.77		
A		XIAMETER™ PMX-200 Silicone Fluid 5 cSt	Dimethicone	2.12		
A		DOWSIL™ VM-2270 Aerogel Fine Particles	Silica Silylate	0.35		
A		Neo Heliopan AV	Ethylhexyl Methoxycinnamate	6.28		
A		DOWSIL™ FZ-3196 Fluid	Caprylyl Methicone	1.77		
B		Titanium dioxide (and) Talc (and) Dimethicone	Titanium dioxide (and) Talc (and) Dimethicone	10.02		
B		Iron Oxides Yellow	Iron Oxides Yellow	1.08		
B		Iron Oxide Black	Iron Oxide Black	0.08		
B		DOWSIL™ 556 Cosmetic Grade Fluid	Phenyl Trimethicone	2.7		
B		DOWSIL™ 5300 Formulation Aid	Lauryl PEG-10 Tris(Trimethylsiloxy)silylethyl Dimethicone	0.35		
B		DOWSIL™ FZ-3196 Fluid	Caprylyl Methicone	1.47		
B		Iron Oxides Red	Iron Oxides Red	0.13		
C		Water	Water	53.54		
C		DOWSIL™ EP-9801 Hydro Cosmetic Powder	Dimethicone/Vinyl Dimethicone Crosspolymer (and) Silica (and) Butylene Glycol	1.89		
C		Sodium Chloride	Sodium Chloride	0.88		
C		Glycerin	Glycerin	7.07		
D		Phenoxyethanol (and) Methylparaben (and) Ethylparaben (and) Propylparaben (and)	Phenoxyethanol (and) Methylparaben (and) Ethylparaben (and) Propylparaben (and)	0		

Phase	Order	Ingredient	INCI Name	Wt%	Supplier	Trade Name
		Butylparaben	Butylparaben			

Procedure

Step	Process
1	Mix phase A ingredients together at 90°C or slightly higher until all the ingredients are melted and thoroughly mixed. Try to minimize evaporation as much as possible.
2	In a separate vessel, mix Phase C ingredients, and heat to 80°C.
3	Slowly add phase C to blend AB under turbulent mixing.
4	Cool to room temperature with gentle mixing.
5	Add preservative.
6	Mix all ingredients with a blender until homogeneous.
7	Grind pigments of phase B with a three roll mill and add the mixture to phase A.

Stability

Stable for 1 month at 50°C, 3 months at 45°C. Passes 10 freeze/thaw cycles.

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