

Beauty Blemish Cream (BB Cream)

AX-47-332

Trade Name	INCI Name	Company	Percent
A Deionized Water	Water		50.20
A PHOENOXOL BD 10P	PPG-10 Butandiol	Phoenix Chemical	5.00
A Keltrol T	Xanthan Gum	Kelco	0.20
A Natrosol 330CS	Cetyl Hydroxyethylcellulose	Hercules	0.10
B Titanium Dioxide	Titanium Dioxide	Sun Chemical	6.50
B Yellow Iron Oxide	Yellow Iron Oxide	Sun Chemical	1.50
B Red Iron Oxide	Red Iron Oxide	Sun Chemical	0.80
B Black Iron Oxide	Black Iron Oxide	Sun Chemical	0.40
B Mica	Mica	Sun Chemical	2.80
C Boron Nitride	Boron Nitride	Momentive	1.00
D Simulgreen 18-2	Hydroxystearyl Alcohol, Hydroxystearyl Glucoside	Seppic	1.50
D Montanov 202	Arachidyl Alcohol, Behenyl Alcohol, Arachidyl Glucoside	Seppic	1.50
D Lipo GMS 450	Glyceryl Stearate	Lipo Chemical	0.25
D PELEMOL 899	Isononyl Isononanoate, Ethylhexyl Isononanoate	Phoenix Chemical	5.00
D PELEMOL ICB	Isocetyl Behenate	Phoenix Chemical	5.00
D PELEMOL C25EH	C12-15 Alkyl Ethylhexanoate	Phoenix Chemical	5.00
D Neo Heliopan HMS	Homosalate	Symrise	5.00
D Neo Heliopan AV	Octinoxate	Symrise	5.00
E Simulgel 600	Acrylamide/Sodium Acryloyldimethyl Taurate Copolymer	Seppic	0.50
F Matrixyl Synthe' 6	Glycerin, Water, Hydroxypropyl Cyclodextrin, Palmitol Tripeptide-38	Sederma	2.00
G AE Preservative	Phenoxyethanol, Capryloyl Glycine, Undecylenoyl Glycine	AE Chemie	0.75
			100.00

Procedure: Heat water to 70-75C and add Phoenoxol BD-10P mixing gently until uniform. Slowly add Natrosol and Keltrol and mix until thoroughly swelled. Pulverize pre-mixed **Phase B** and add to **Phase A** homogenizing phases together. Add **Phase C** into **Phases A/B** and homomix until uniform. Combine ingredients in **Phase D** and heat to 70-75C. When temperatures of **Phases A/B/C** and Phase D reach 70-75C, add **Phase D** into **Phases A/B/C** with side sweep agitation. Homomix batch for 10 minutes. Add **Phase E** and continue to homomix for 10 minutes. Begin cooling the batch to 40-45C. Add Phase F and homomix for 5 minutes. Place batch on side sweep and cool to 30-35C. Add **Phase G**. Continue to mix and cool batch until room temperature.

