

Silky Smooth Hydrating Make-Up

ARL-20-79-1

Trade Name	INCI Name	Company	Percent
A Deionized Water	Water		64.30
A PHOENOXOL BD-10P	PPG-10 Butanediol	Phoenix Chemical	2.50
B Glycerin	Glycerin		2.50
B Natrosol 330 CS	Cetyl Hydroxyethylcellulose	Hercules	0.10
B Keltrol	Xanthan Gum	Kelco	0.50
C Titanium Dioxide	Titanium Dioxide	Sun Chemical	10.00
C Yellow Oxide	Yellow Oxide	Sun Chemical	1.25
C Red Oxide	Red Oxide	Sun Chemical	0.75
C Black Iron Oxide	Black Iron Oxide	Sun Chemical	0.25
C Impact Matte Mica T	Mica	Thornley Company	0.75
C Arclay Argel White REM	TiO2/Squalane	Arclay Natural	0.75
C Soft Touch CC6059/BN	Boron Nitride	Momentive	1.25
D Cetyl Alcohol	Cetyl Alcohol	Cognis Care	0.50
D Lipo GMS-450	Glyceryl Stearate	Lipo Chemical	0.35
D PELEMOL D5R-V	Propanediol Dicaprylate/Caprate & Diisostearyl Malate	Phoenix Chemical	2.35
D PELEMOL P-810	Propanediol Dicaprylate/Caprate	Phoenix Chemical	2.65
D PELEMOL P 1263	Polyglyceryl-10 Hexaoleate & Polyglyceryl-6 Polyricinoleate	Phoenix Chemical	1.00
D PELEMOL DISM	Diisostearyl Malate	Phoenix Chemical	1.00
D Simulgreen 18-2	Hydroxystearyl Alcohol & Hydroxystearyl Glucoside	Seppic	1.50
D PELEMOL 899	Isononyl Isononate & Ethylhexyl Isononate	Phoenix Chemical	5.00
E Optiphen BSBN	Benzyl Alcohol & Glycerin & Benzoic Acid &	Ashland	0.75
			100.00

Procedure: Heat water to 70-75C and add Phoenoxol BD-10P and glycerin, mixing gently until uniform. Slowly add Natrosol mix until thoroughly swelled. Add xanthan gum slowly and mix until swelled. Maintain heat at all times. Pre-mix and pulverize **Phase C**. Add **Phase C** to **Phases A/B**. Homogenize until the **Phases A/B/C** is completed homogenous. In a separate beaker, Combine **Phase D**, begin mixing and heat to 70-75C. When the temperatures of the water phase (**Phases A/B/C**) are the same as oil phase (**Phase D**), add Phase D into Phases A/B/C under homogenization. Homogenize for 15 minutes, then switch to side sweep agitation. Begin to cool to 45-50C. At 45-50C add Phase E and continue to mix using side sweep.. Continue to mix and cool batch until room temperature.

