

## skin care formulations

### Divinessence – Beauty Butter

Formula# 100-10107C

Material# 886007

Ingredients (Trade Name)	INCI Name	% w/w	Supplier
<b>Phase A</b>			
Purified Water	Water/Aqua	Qs 100	Local
<b>Optiphen™ Plus preservative</b>	<b>Phenoxyethanol (and) Caprylyl Glycol (and) Sorbic Acid</b>	<b>1.50</b>	<b>Ashland</b>
<b>Phase B</b>			
<b>Stabileze™ QM polymer</b>	<b>PVM/MA Decadiene Crosspolymer</b>	<b>0.15</b>	<b>Ashland</b>
<b>Phase C</b>			
<b>ProLipid™ 141 lamellar gel</b>	<b>Glyceryl Stearate (and) Behenyl Alcohol (and) Palmitic Acid (and) Stearic Acid (and) Lecithin (and) Lauryl Alcohol (and) Myristyl Alcohol (and) Cetyl Alcohol</b>	<b>5.00</b>	<b>Ashland</b>
<b>Ceraphyl™ 494 ester</b>	<b>Isocetyl Stearate</b>	<b>4.00</b>	<b>Ashland</b>
<b>Ceraphyl SLK ester</b>	<b>Isodecyl Neopentanoate</b>	<b>4.00</b>	<b>Ashland</b>
DC 580 Wax	Stearoxytrimethylsilane (and) Stearyl Alcohol	2.00	Dow Corning
<b>Emulsynt™ GDL ester</b>	<b>Glyceryl Dilaurate</b>	<b>3.00</b>	<b>Ashland</b>
<b>Phase D</b>			
<b>Gransil™ DM-5*</b>	<b>Dimethicone (and) Polysilicone-11</b>	<b>3.00</b>	<b>Grant</b>
<b>Phase E</b>			
Sodium Hydroxide	Sodium Hydroxide	0.04	Local
Purified Water	Water/Aqua	0.50	Local
<b>Phase F</b>			
<b>PF Rose Petillante G 11619638</b>	<b>Fragrance/Parfum (and) Geraniol</b>	<b>0.30</b>	<b>Robertet</b>
<b>Unipure™ Red LC 381 ADT-C*</b>	<b>CI 77491 (Iron oxides) (and) Isopropyl Titanium Triisostearate (and) Bis-Hydroxyethoxypropyl Dimethicone (and) PEG-2-Soyamine (and) Isophorone Diisocyanate</b>	<b>0.03</b>	<b>Sensient</b>
<b>Phase G</b>			
Purified Water	Water/Aqua	3.00	Local
<b>Elixiance™ biofunctional</b>	<b>Propanediol (and) Water/Aqua (and) Schinus Molle Extract</b>	<b>1.00</b>	<b>Ashland</b>
<b>Ronaflair™ LDP White*</b>	<b>Sodium Potassium Aluminium Silicate (and) Titanium Dioxide (CI77891) (and) Silica</b>	<b>1.00</b>	<b>Merck</b>
<b>Covabead™ Velvet 10*</b>	<b>Polymethyl Methacrylate</b>	<b>1.50</b>	<b>Sensient</b>
<b>Phase H</b>			
Purified Water	Water/Aqua	15.00	Local
<b>Natrosol™ Plus 330 CS HMHEC</b>	<b>Cetyl Hydroxyethylcellulose</b>	<b>0.50</b>	<b>Ashland</b>
<b>Total</b>		<b>100.00</b>	

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### Procedure:

1. Homogenize Phase A in the main vessel and start to heat to 75-80°C
2. At 30°C, sprinkle in Phase B and homogenize while heating
3. In a side beaker prepare phase C, heat to 75-80°C until homogeneous
4. At 75°C, add phase C in the main vessel and homogenize during 10 minutes.
5. Cool down the temperature and add phase D at 65°C. Mix well to homogenize during 10 minutes.
6. Premix phase E before adding it to the main vessel
7. Add phase E at 60°C. Mix well to homogenize during 10 minutes.
8. At 35°C, premix phase F before adding it and mix well
9. Premix phase G before adding it to the main vessel
10. Add phase G at 35°C. Mix well to homogenize.
11. In a side beaker prepare phase H: sprinkle Natrosol in water at RT and homogenize while heating at 60°C.
12. Add phase H at 30°C. Mix well to homogenize.
13. Stop at 25°C

### Typical Properties :

<b>Appearance:</b>	Pink buttery cream
<b>pH:</b>	4.9 – 5.4
<b>Viscosity (D1):</b>	110 000 – 160 000 cps (Brookfield RVT/Spindle D/5 RPM/1 minute/25°C)

**This formula has passed 3-month accelerated lab stabilities and a 28-day challenge efficacy test. However, the preservative system has not been optimized to its lowest effective level**