

## CEJM0916A\_WO Liquid Foundation

**Experiment 300 g**

**Production Procedure :** 1. Weigh liquid oils and powders in part A and homogenize the mixture with Silverson 4500rpm for 6 min. 2. Add other ingredients in part A and heat part A and part B at 80~85°C. 3. Put part A+C+D under Silverson 4500~5000rpm, add part B to part A slowly in 1 minute, continue homogenizing 4500rpm for 7 minutes. 4. Cool down without water bath with anchor mixer at 100rpm during 10min. 5. Stir the emulsion with cool water bath at 100rpm. 6. Stop stirring at 30°C.

Raw Materials	INCI Name	Batch No.	Supplier	GS92404
<b>A EASYNOV</b>	Octyldodecanol and Octyldodecanol Xyloside and PEG30-Dipolyhydroxystearate	T84811	SEPPIC	<b>4.00</b>
<b>Beeswax</b>	Beeswax		Croda	<b>1.00</b>
<b>Castorwax</b>	Hydrogenated castor oil		Vertellus	<b>0.50</b>
<b>Zinc Stearate</b>	Zinc Stearate	090301	LingFeng	<b>1.00</b>
<b>Lanol 99</b>	Isononyl isononanoate	T83510	SEPPIC	<b>4.00</b>
<b>Estol EHP 1543</b>	Isooctyl palmitate	70077B	Croda	<b>8.00</b>
<b>Myritol 318</b>	Caprylic capric triglyceride	0509081	Cognis	<b>4.00</b>
<b>DC 200/350cst</b>	Dimethicone	0002443601	Dowcorning	<b>1.00</b>
<b>Mineral oil 15#</b>	Mineral oil			<b>5.00</b>
<b>Kemira AC 360</b>	Alumina-silane coated anatase titanium dioxide		Kemira	<b>8.00</b>
<b>Talc</b>	Silane coated talc		Xianguang	<b>1.50</b>
<b>Sericite GMS 4C</b>	Sericite		Kinsei	<b>0.50</b>
<b>Unipure red LC 381 AS-EM</b>	Micronized triethoxycaprylylsilane coated		SENSIENT	<b>0.10</b>
<b>Unipure yellow LC 182 AS-EM</b>	Micronized triethoxycaprylylsilane coated		SENSIENT	<b>0.22</b>
<b>Unipure black LC 989 AS-EM</b>	Micronized triethoxycaprylylsilane coated		SENSIENT	<b>0.03</b>
<b>Claytone 40</b>	Montmorillonite		Rockwood	<b>0.50</b>
<b>SEPICIDE HB</b>	Phenoxyethanol/methylparaben /ethylparaben/propylparaben/butylparaben	T81051	SEPPIC	<b>1.00</b>
<b>B D.I. Water</b>	Water			<b>56.65</b>
<b>Pricerine 9091</b>	Glycerine	20096B	Croda	<b>5.00</b>
<b>NaCl</b>	Sodium chloride			<b>0.80</b>
<b>C DC 345</b>	Cyclomethicone	0005182722	Dowcorning	<b>2.00</b>
<b>D Fragrance</b>	Fragrance	Frag279954	Drom	<b>0.20</b>
<b>Total</b>				<b>105.00</b>
<b>Cost: rmb/kg</b>				<b>0.0</b>
Aspect		D1	pink pourale emuls	
		D7	pink pourale emuls	
		M1	pink pourale emuls	
		M3		
		1 Y		

VISCO (RT) speed 6rpm spindle 63#		D1	13,500
		D7	11,700
		M1	11,200
		M3	
		1 Y	
Stability 48°C		D1	stable
		D7	stable
		D14	stable
		Visco after M1 at 48°	10,300
		Visco recovery at RT (after M1)	15,800
Stability -18° (recovery at RT)		M3	
		D1	stable
		D7	stable
		D14	stable
		M1	stable
Stability after freeze thaw cycles - 18 / 48°C		M3	
		D15	stable
	M1	stable	
Centrifugation at 25°C 3000rpm 30 min after 24h			about 0.01cm oil/10cm at top

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