

# Cream foundation

107/05/8



- Homogeneous spreading of the product
- Good distribution
- Velvety and silky skin feeling
- Natural colour trace with satisfactory covering power

Phase		Raw Material/INCI	% w/w	Procedure
A	1)	<b>Nexbase 2004 FG</b> Hydrogenated Polydecene	<b>2,10</b>	<ul style="list-style-type: none"> <li>➤ Mill the pigments of A1 phase in a suitable equipment</li> <li>➤ Mix ingredients C separately until complete solution.</li> <li>➤ Mix ingredients A separately @ heat up to 70°C under vacuum until complete fusion.</li> <li>➤ Add phase A1, homogenize with turbine and blades under vacuum. Keep temperature at 70°C.</li> <li>➤ Mix ingredients B separately to complete solution</li> <li>➤ Add ingredients B1, B2 and B3 to phase B while homogenizing with turbine and blades under vacuum 5-10' between each addition. Heat to 65-70°C always while homogenizing, until dispersion is complete.</li> <li>➤ Add phase B-B3 to phase A-A1 while homogenizing with turbine and blades under vacuum. Keep such condition for 5-10'.</li> <li>➤ Cool to 40°C, then add phase C while homogenizing for 5-10' under vacuum.</li> <li>➤ Cool to room temperature, under vacuum and slow blades.</li> </ul>
	2)	<b>Dermofeel BGC</b> Butylene Glycol Dicaprylate/Dicaprate	<b>5,20</b>	
	3)	<b>Myritol 318</b> Caprylic/capric Triglyceride	<b>4,20</b>	
	4)	<b>Isopropyl Palmitate</b>	<b>2,80</b>	
	5)	<b>Fancol VB</b> Limnanthes Alba Butyrospermum Parkii	<b>2,80</b>	
	6)	<b>Span 60</b> Sorbitan Monostearate	<b>0,70</b>	
	7)	<b>Tegin M</b> Glyceryl Stearate	<b>1,40</b>	
	8)	<b>Nipasol M</b> Propylparaben	<b>0,15</b>	
	9)	<b>Nipagin M</b> Methylparaben	<b>0,30</b>	
	10)	<b>BHT</b>	<b>0,05</b>	
A1	11)	<b>Titanium Dioxide</b> CI 77891	<b>11,50</b>	
	12)	<b>A407 Tudor Willow</b> CI 77492	<b>1,45</b>	
	13)	<b>A403 Tudor OAK</b> CI 77491, CI 77492, CI 77499	<b>1,28</b>	
B		<b>Deionized water</b>	<b>51,32</b>	
	14)	<b>Disodium EDTA</b>	<b>0,05</b>	
	15)	<b>Natural Extract AP</b> Betaine	<b>2,00</b>	
	16)	<b>Propylene Glycol</b>	<b>2,00</b>	
	17)	<b>Glycerin</b>	<b>6,00</b>	
B1	18)	<b>INUTEK® SP1</b> <b>Inulin Lauryl Carbamate</b>	<b>0,30</b>	
	19)	<b>Veegum K</b> Magnesium Aluminium Silicate	<b>0,70</b>	
	20)	<b>Avicel CL 611</b> Microcrystalline Cellulose Cellulose Gum	<b>0,50</b>	
C		<b>Deionized water</b>	<b>3,00</b>	
	21)	<b>Dowcil 200</b> Quaternium-15	<b>0,20</b>	

- 1-5) Emollients
- 6-7) Emulsion stabilizers
- 8-9,21) Preservatives
- 10) Antioxidant
- 11-13) Pigments
- 14) Chelating agent
- 15) Moisturizer
- 16-17) Humectants
- 18) Emulsifier**
- 19) Rheology Modifier
- 20) Rheology Additive

1) Jan Dekker 2) Dr Straetmans 3-4) Cognis 5) Fancor 6) Uniquema 7) Goldschmidt 8-9) Clariant 12-13) Kingfisher  
15) Danisco 18) ORAFTI BIO BASED CHEMICALS 19) Vabderbilt 20) FMC/BioPolymer 21) Dow Chemicals

## Parameters

Appearance:	brown cream
pH @ 20°C:	6,8 ± 0.3
Density @ 20°C:	1,10 ± 0,02 g/ml
Viscosity @ 25°C:	40.000 ± 4.000 mPa.s, Brookfield RVT, Spindle # 5, rpm=2.5
Viscosity @ 25°C:	24.000 ± 2.000 mPa.s, Brookfield RVT, Spindle # 5, rpm=5

## MORE INFORMATION

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*This formulation was developed in cooperation with STUDIO RIGANO*

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