



## Development formulation

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### Fresh Complexion Cream with KOMBUCHKA™ SED02073 I2 D

		% by wt
<b>Part A</b>		
Water Deionised	-	qs 100
Ultrez 10 (Carbomer)	B F Goodrich	0.40
<b>Part B</b>		
Glycerin	-	5.00
Mixed Parabens	-	0.20
<b>Part C</b>		
Crodamol OP (Ethylhexyl Palmitate)	Croda	4.00
Crodacol CS90 (Cetearyl Alcohol)	Croda	1.00
Crodamol ML (Myristyl Lactate)	Croda	0.30
Crillet I (Polysorbate 20)	Croda	1.00
<b>Part D</b>		
DC 345 (Cyclomethicone)	Dow Corning	3.00
Pemulen TR2 (Acrylates/C 10-30 Alkyl Acrylate Crosspolymer)	Noveon	0.20
<b>Part E</b>		
Potassium Sorbate	-	0.10
<b>Part F</b>		
Water deionised	-	6.00
Sodium Hydroxide 30%	-	0.60
<b>Part G</b>		
KOMBUCHKA™ (Saccharomyces/Xylinum Black Tea Ferment (and) Glycerin (and) Hydroxyethylcellulose)	Sederma	3.00
<b>Part H</b>		
Fragrance	-	0.10

#### Method

Part A: sprinkle Ultrez 10 in the water and let swell for 15 minutes. Melt Part B until dissolution and add it to Part A. Heat Part (A+B) to 75°C in water-bath. Mix Part D and heat to 75°C in water-bath. Add Part D to Part (A+B), then add Part C extemporaneously. Add Part E. Neutralize with Part F, stir until cooling (around 35°C). Finally, add Parts G and H.

pH: 6.20

### Sample on request

#### Non-warranty

This formulation has been subjected to limited stability tests and has been shown to perform well. However formulators adopting this approach should ensure to their own satisfaction long term stability and functionality. It is good practice to conduct safety tests on all final formulations prior to marketing. Suggested uses should not be taken as an inducement to infringe any existing patents.