

## Guide Formulation

### Personal Care

# 36.5°C Melting Rich Cream (SJ13F\_005)

This cream has a unique texture - it melts on contact with skin. SeraSoft SW 70 (Stearyl Dimethicone) also has this feature, leaving the skin soft and smooth, with a nourished feeling. SeraSilk EL 60 (Cyclopentasiloxane (and) Dimethicone/Vinyl Dimethicone Crosspolymer) creates a luxurious silky after feel.

Raw Material/INCI Name	% w/w	Trade name/Supplier	Function
<b>Phase A</b>			
Synthetic Wax	6.00	Sasolwax C80/Sasol	Emulsion Stabiliser
Stearyl Dimethicone	2.00	SeraSoft SW 70/KCC Beauty	Soft/Nourished Feel
Olus (Vegetable) Oil	0.50	Cremerlin Pura/Cremer Oleo	Emollient
Polyglyceryl-4 Isostearate	1.00	Isolan GI 34/Evonik	W/O Emulsifier
Cetyl PEG/PPG-10/1 Dimethicone	1.50	SeraSol SC 83/KCC Beauty	W/O Emulsifier
Cyclopentasiloxane (and) Dimethicone/Vinyl Dimethicone Crosspolymer	10.00	SeraSilk EL 60/KCC Beauty	Silky Feel
Cyclopentasiloxane	17.00	SeraSense SF CM5/KCC Beauty	Aids Spreading
Dimethicone	5.00	SeraSense SF 6/KCC Beauty	Smooth Feel
Mica (and) Titanium Dioxide	0.70	Flamenco Red 420C/BASF	Pigment
<b>Phase B</b>			
Aqua (Water)	To 100	-	Vehicle
Sodium Chloride	1.00	Various	Emulsion Stabiliser
Glycerin	8.00	Various	Humectant
Butylene Glycol	6.00	Various	Humectant
<b>Phase C</b>			
Phenoxyethanol	0.40	Various	Preservative
Parfum (Fragrance)	q.s.	-	Fragrance

### Typical Properties

Appearance:	White solid (melts at body temperature)
Viscosity @ 25°C:	n/a
pH @ 25°C:	n/a

### Method

Mix the ingredients of Phase A until homogenous, heat to 80-85°C.

In a separate vessel, mix the ingredients of Phase B, heat to 80-85°C. Add Phase B to Phase A, homogenise for 5 minutes.

Cool to below <40°C and add Phase C.

Check pH and viscosity.



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**Please note that the above formulation is only intended as a guide. It is not a commercial formulation and has not been tested as such. The formulation should be evaluated and modified for your own requirements before use. Also suggestions of uses should not be taken as inducements to infringe any particular patent.**

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