

Guide Formulation

Personal Care

Moisture Gel for Men (SJ13F_004)

This oil and alcohol-free formulation gives a cool feeling to skin. **SeraSilk® EL 61** smoothes the skin, without feeling tacky, also reducing pore size. **SeraSense® SF CM5** aids spreading of the gel,.

Raw Material/INCI Name	% w/w	Trade name/Supplier	Function
Phase A			
Aqua (Water)	To 100	-	Vehicle
Disodium EDTA	0.02	Various	Chelating Agent
Dipotassium Glycyrrhizate	0.02	Various	Humectant
Allantoin	0.10	Various	Skin Conditioning
Glycerin	5.00	Various	Humectant
Dipropylene Glycol	3.00	Various	Humectant
Biosaccharide Gum-1	3.00	Fucogel 1.5P/Solabia	Skin Conditioning
Glycereth-26	2.00	Liponic EG-1/Lipo Chemical	Humectant
Sodium Hyaluronate (and) Aqua	10.00	Various (1% Solution)	Skin Conditioning
Portulaca Oleracea (Purselane) Extract	3.00	Various	Skin Conditioning
PEG-11 Methyl Ether Dimethicone	1.00	SeraSol® SC 85/KCC Beauty	O/W Co-Emulsifier
Phase B			
Dimethicone	1.00	SeraSense® SF 100/KCC Beauty	Aids Water Repellency
Dimethicone (and) Dimethicone/Vinyl Dimethicone Crosspolymer	3.00	SeraSilk® EL 61/KCC Beauty	Silky Feel
Cyclopentasiloxane	3.00	SeraSense® SF CM5/KCC Beauty	Aids Spreading
Phase C			
PEG-60 Hydrogenated Castor Oil	0.40	HCO-60/Nikko	Co-Emulsifier
Phenoxyethanol	0.30	Various	Preservative
Parfum (Fragrance)	q.s.	-	Fragrance
Phase D			
Hydroxyethyl Acrylate/Sodium Acryloyldimethyl Taurate Copolymer (and) Squalane (and) Polysorbate 60	2.00	Simulgel NS/Seppic	Thickener
Parfum (Fragrance)	q.s.	-	Fragrance

Typical Properties

Appearance:	White, viscous gel-cream
Viscosity @ 25°C:	>45000cP (Brookfield LVDV II, LV-4, 6rpm)
pH @ 25°C:	5.5 - 6.5

Method

Mix the ingredients of Phase A until homogenous.

In a separate vessel, mix the ingredients of Phase B. Add Phase B to Phase A and homogenise for 5 minutes.

Premix Phase C and add to A+B.

Add Phase D.

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.