

Guide Formulation

Personal Care

Transparent Hydrating Cream (SJ_19)

This quick-break formulation has a watery texture when applied to the skin, but still feels moisturising. **SeraSol® EL 99** is an emulsifying elastomer for silicone and organic ingredients, making it extremely stable with a soft, non-tacky after-feel. **SeraSense® SF MTM** allows the product to absorb quickly and leaves skin feeling moisturised.

Raw Material/INCI Name	% w/w	Trade name/Supplier	Function
Phase A			
Dimethicone (and) PEG-15/Lauryl Dimethicone Crosspolymer	3.00	SeraSol® EL 99/KCC Beauty	W/O Emulsifier
Caprylic/Capric Triglyceride	4.00	Various	Moisturising
Methyl Trimethicone	8.00	SeraSense® SF MTM/KCC Beauty	Fast Absorption/Moisturising
Phase B			
Aqua (Water)	To 100	-	Vehicle
Portulaca Oleracea Extract	3.00	Various	Skin Conditioning
Sodium Chloride	1.70	Various	Buffer
Glycerin	20.00	Various	Humectant
Butylene Glycol	32.50	Various	Humectant
Phase C			
Phenoxyethanol	0.30	Various	Preservative
Parfum (Fragrance)	q.s.	-	Fragrance

Typical Properties

Appearance:	Clear, viscous gel
Viscosity @ 25°C:	>60000cP (Brookfield LVDV II, LV-4, 6rpm)
pH @ 25°C:	n/a

Method

Mix the ingredients of Phase A until homogenous.

In a separate vessel, mix the ingredients of Phase B, then add to Phase A.

Add the ingredients of Phase C, stirring until homogenous.

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.