

Guide Formulation

Personal Care

Hydra Gel Cream (Water Drop) (SJ13M_11A)

This super-hydrating cream is lightweight giving a cool, watery feeling. SeraSol® EL 92A (Dimethicone (and) Dimethicone/PEG-10/15 Crosspolymer) is an emulsifying elastomer, giving a unique 'water drop' appearance when massaged into the skin. SeraSense® SF 6 (Dimethicone) leaves skin feeling moisturised and soft.

Raw Material/INCI Name	% w/w	Trade name/Supplier	Function
Phase A			
Dimethicone (and) Dimethicone/PEG-10/15 Crosspolymer	3.00	SeraSol® EL 92A/KCC Beauty	W/O Emulsifier
Cyclopentasiloxane	5.00	SeraSense® CM5/KCC Beauty	Fast Absorption
Dimethicone	5.00	SeraSense® SF 6/KCC Beauty	Improves Spreading/Moisturising
Phase B			
Aqua (Water)	To 100	-	Vehicle
Glycerin	5.00	Various	Humectant
Dipropylene Glycol	3.00	Various	Humectant
Portulaca Oleracea (Purselane) Extract	3.00	Various	Skin Conditioning
Sodium Chloride	0.80	Various	Emulsion Stabiliser
Phase C			
Phenoxyethanol	0.30	Various	Preservative
Dye	q.s.	-	Aesthetics
Parfum (Fragrance)	0.10	Saturn Fragrance/Givaudan	Fragrance

Typical Properties

Appearance:	Light blue, viscous cream
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.

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