

Guide Formulation

Personal Care

Hydra Gel Cream (Water Drop) (SJ13F_006A)

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, making it extremely stable. 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	Aids 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
Parfum (Fragrance)	q.s.	-	Fragrance

Typical Properties

Appearance:	White, 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.



Scan me to find out more about KCC Beauty online!

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.

Basildon Chemical Co. Ltd, Kimber Road, Abingdon, Oxfordshire, OX14 1RZ, UK

KCC Corporation, 1301-4, Seocho-Dong, Seocho-Gu, 137-703, Seoul, Korea

☎ +44 (0)1235 526677 | ✉ info@kcc-beauty.com | 🌐 www.kcc-beauty.com