

Overnight Mask (SJ14D_S9)

This intensive moisturising mask is designed to be applied before bedtime so it can replenish the skin overnight. The blend of silicone products within the formulation give long-lasting moisturisation and a silky-soft skin feel. **SeraSense® SF MTM** can be used as a replacement for Cyclopentasiloxane, however it has a faster volatility and lower freezing point than D5.

Raw Material/INCI Name	% w/w	Trade name/Supplier	Function
Phase A			
Aqua (Water)	To 100	-	Vehicle
Xanthan Gum	0.10	Keltrol-F/CP Kelco	Thickener
Sodium Hyaluronate	0.50	Various	Humectant
Disodium EDTA	0.02	Various	Chelating Agent
Butylene Glycol	8.00	Various	Humectant
Glycerin	3.00	Various	Humectant
Hydrogenated Lecithin	0.20	Phospholipon 90H/Lipoid GmbH	Skin Conditioning
Allantoin	0.10	Various	Skin Conditioning
Trehalose	0.50	Various	Humectant
Phase B			
Squalane	5.00	Various	Moisturising
C14-22 Alcohol (and) C12-20 Alkyl Glucoside	2.50	Montanov L/Seppic	Emulsifier
Glycerol Stearate (and) PEG-100 Stearate	1.00	Arlacel™ 165/Croda	Emulsifier
Glyceryl Stearate	1.00	Various	Emulsifier
Vitamin E Acetate	0.50	Various	Anti-oxidant
Macadamia Intergrifolia Seed Oil	3.00	Floramac® Macadamia Oil/Floritech	Moisturising
Jjoba Esters	1.50	Floraester 30/Floritech	Moisturising
Stearyl Dimethicone (and) Octadecene	1.00	SeraSoft® SW 70-A/KCC Beauty	Viscosity Modifier
Phase C			
Methyl Trimethicone	4.00	SeraSense® SF MTM/KCC Beauty	Fast Absorption/Moisturising
Dimethicone	6.00	SeraSense® SF 6/KCC Beauty	Moisturising
Dimethicone (and) Dimethicone/Vinyl Dimethicone Crosspolymer	1.00	SeraSiik® EL 61/KCC Beauty	Skin Feel/Viscosity Modifier

Phase D			
Polyacrylate-13 (and) Polyisobutene (and) Polysorbate 20	2.30	Sepiplus 400/Seppic	Thickener
Phenoxyethanol	0.40	Various	Preservative
Parfum (Fragrance)	q.s.	-	Fragrance
Panax ginseng root extract	q.s.	Red Ginseng Extract	Skin Conditioning

Typical Properties

Appearance:	Beige, viscous emulsion
Viscosity @ 25°C:	78,000 – 100,000cP (Brookfield LVDV II, LV-4, 6rpm)
pH @ 25°C:	5.0 – 7.0

Method

Mix the ingredients of Phase A at 80 – 85°C. Separately mix the ingredients of Phase B at 80 – 85°C.

Add B to A and homogenise at 3000rpm for 5 mins.

When below 50°C, add Phase C.

When below 45°C, add Phase D and cool to room temperature whilst stirring.



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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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