

Deep Moisture Sleeping Mask (SJ13M_EU)

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 (Methyl Trimethicone) 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
PEG-240/HDI Copolymer Bis-Decyltetradeceth-20 Ether	1.50	Adekanol GT-700/Asahi Denka	Thickener
Disodium EDTA	0.02	Various	Chelating Agent
Glycerin	3.00	Various	Humectant
Dipropylene Glycol	5.00	Various	Humectant
Phase B			
Squalane	3.00	Various	Moisturising
Oryza Sativa (Rice) Bran Wax	2.00	Genuine Rice Bran Wax/Cornelius	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
Vitamin E Acetate	0.50	Various	Anti-oxidant
Phase C			
Dimethicone	3.00	SeraSense® SF 6/KCC Beauty	Skin Feel
Methyl Trimethicone	4.00	SeraSense® SF MTM/KCC Beauty	Skin Feel/Spreadability
Dimethicone (and) Dimethiconol	1.00	SeraSense® GB 16/KCC Beauty	Long-lasting skin conditioning
Dimethicone (and) Dimethicone/Vinyl Dimethicone Crosspolymer	2.00	SeraSiik® EL 61/KCC Beauty	Occlusive
Phase D			
Sodium Hyaluronate	10.00	Sodium Hyaluronate 1% Solution	Humectant
Phase E			
Phenoxyethanol	0.30	Various	Preservative
Colourant	q.s.	-	Aesthetics
Parfum (Fragrance)	q.s.	-	Fragrance

Typical Properties

Appearance:	Light pink, viscous cream
Viscosity @ 25°C:	150000 - 250000cP (Brookfield LVDV II, LV-4, 3rpm)
pH @ 25°C:	6.0 - 7.0

Method

Heat Phase A to 80-85°C.

Heat Phase B to 80-85°C. Add Phase C and stir until homogenous.

Add Phase B+C to Phase A, homogenising until smooth.

Reduce the temperature to 40-50°C and add Phases D and E.



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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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