

Purifying Clay Mask (FP-5)

This face mask gently cleanses and detoxifies the skin. SeraSoft® SW 75 (Bis-PEG-18 Methyl Ether Dimethyl Silane) melts on contact with skin at 36°C, leaving it silky soft. In addition to this, the SeraSense® materials facilitate spreading and give lubricity to the skin.

Raw Material/INCI Name	% w/w	Trade name/Supplier	Function
Aqua (Water)	To 100	-	Vehicle
Magnesium Aluminium Silicate or Bentonite	8.00	Optigel CL-PC/Azelis (Rockwood)	Thickener
Glycerin	5.00	Surfac G995V/Surfachem	Humectant
Ceteareth-20	3.00	Brij CS20/Croda	O/W Co-Emulsifier
Cetyl Alcohol (and) Isostearyl Isostearate (and) Potassium Cetyl Phosphate (and) Cetyl Behenate (and) Behenic Acid	3.00	Duraquench IQ/Croda	Long-Lasting Moisturisation
Bis-PEG-18 Methyl Ether Dimethyl Silane	2.00	SeraSoft® SW 75/KCC Beauty	Smoothing
Cetyl Alcohol	4.00	Crodacol C90/Croda	Viscosity Booster
Garcinia Indica (Kokum) Seed Butter	0.50	Seatons Refined Kokum Butter/Seatons	Emollient/Protective
Cyclopentasiloxane (and) Dimethicone	5.00	SeraSense® GB 11/KCC Beauty	Skin Feel
Dimethicone	2.00	SeraSense® SF 5/KCC Beauty	Skin Feel
Parfum (Fragrance)	0.20	Vitamin 248 Fragrance/Givaudan	Fragrance
Kaolin	10.00	BeraClay Amazonian White Clay/Azelis (Beraca)	Purifying
Phenoxyethanol (and) Ethylhexylglycerin	1.00	Euxyl PE 9010/Schülke	Preservative
Alcohol Denat.	10.00	DEB 96%/Tennants	Drying Agent
Citric Acid	0.40	Surfac Citric Acid Monohydrate/Surfachem	pH Adjuster

Typical Properties

Appearance:	Opaque, light brown paste
Viscosity @ 25°C:	>100000cP (Brookfield Helipath, T Bar F, 6rpm)
pH @ 25°C:	5.5 - 6.5

Method

Add the water to the vessel and begin stirring.
Sprinkle in the Optigel and heat to 70-80°C.

Melt the waxes to 80°C and add to the water phase. Homogenise until smooth.
Place back on the stirrer and cool.
Once cooled (<40°C), add the rest of the ingredients.



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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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