



Product Formulation

Renewing Hair Masque

PHC-PF-22-112

Our thick, moisturizing hair masque is loaded with nourishing actives and coconut conditioners to give you soft and supple hair. This product is perfect for weekly treatments to renew your hair from daily stress and washing.

Phase	Ingredient	INCI	Function	%
A1	Water	Aqua	Diluent	74.85
A2	Glysoft SF	Cocoglycerides	Emollient	1
A3	Glysoft RG	Glycerin	Humectant	1
A4	Hydroxypropyl Methylcellulose	Hydroxypropyl Methylcellulose	Thickener	0.3
A5	Guar Hydroxypropyltrimonium Chloride	Guar Hydroxypropyltrimonium Chloride	Conditioning Agent	0.45
A6	Neosoft CO	Cocamidopropyl Dimethylamine Lactate	Conditioning agent	2.5
A7	Neosoft SD	Stearamidopropyl Dimethylamine Lactate	Conditioning agent	2.5
B1	Emulsier GMS 100SE	Glyceryl Stearate	Emulsifier	1.5
B2	PEG-100 Stearate	PEG-100 Stearate	Emulsifier	1.5
B3	Cetyl Alcohol	Cetyl Alcohol	Emollient	5
B4	Glyzer CT200	Caprylic/Capric/Lauric Triglyceride	Emollient	5
C1	PEG-40 HOC	Hydrogenated Castor Oil	Solubilizer	1
C2	Fragrance	PEG-120 Methyl Glucose Trioleate (and) Propanediol	Thickener	0.7
C3	Joboba Oil	Simmondsia chinensis (Jojoba) Seed Oil	Haircare active	0.5
C4	Panthenol	Panthenol	Haircare active	1
C5	NatPro 9000	Glyceryl Caprylate (and) Glyceryl Caprate (and) Glyceryl Laurate (and) Capylhydroxamic Acid	Preservative	0.7
C6	Saccharide Isomerate (and) Aqua (and) Citric Acid (and) Sodium Citrate	Saccharide Isomerate (and) Aqua (and) Citric Acid (and) Sodium Citrate	Active Ingredient	0.5
TOTAL				100.00

Formulation Benefits

- ✓ Natural coconut moisturizers
- ✓ Coconut conditioning agents
- ✓ Moisturizing and renewing
- ✓ Deep treatment

Key Ingredients

Glysoft SF

- ✓ Intensive moisturization
- ✓ Superfating active
- ✓ Naturally sourced and biodegradable
- ✓ ISO-16128: 100%



Neosoft CD

- ✓ Cold-processable
- ✓ Good conditioning
- ✓ No buildup on hair
- ✓ Wide surfactant compatibility
- ✓ ISO-16128: 83%



Neosoft SD

- ✓ Cold-processable
- ✓ Good conditioning
- ✓ No buildup on hair
- ✓ Wide surfactant compatibility
- ✓ ISO-16128: 88%



Raw material verified by ECOCERT GREENLIFE, conform to the COSMOS Standard

All data, formulations and information provided herein have not been comprehensively tested and are not represented as suitable for any particular uses. Statement concerning possible or suggested uses made herein may not be relied upon or be construed as a guaranty of no patent infringement. Users have the sole responsibility and obligation for making preliminary tests to determine the suitability of the sample formulations described herein for any application, to make tests before use in any specific applications, and to confirm the performance, efficacy, safety and regulatory compliance of such products for their particular use.

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Procedure

- 1 In the main vessel, pre-disperse A3 and A4 in Glysoft RG. Add the water afterwards.
- 2 With continuous stirring, add the conditioning agents A5 and A6 successively. Begin heating to 70°C.
- 3 In another vessel, add the oil Phase B and melt with continuous stirring to 70°C.
- 4 Once both reach the same temperature, add the oil phase into the water phase main vessel with continuous stirring to form the emulsion. Stir for 5 minutes until homogeneous.
- 5 Begin cool down of emulsion until at most 40°C.
- 6 In a separate container, mix all of Phase C thoroughly to ensure solubilization.
- 7 Once cool enough, add Phase C into the main vessel.
- 8 Continue stirring until homogeneous mixture is obtained.
- 9 Adjust pH to 4.5 to 5.5 with Tetrahydroxypropyl Ethylenediamine and fill to desired containers.
- 10 Leave filled containers undisturbed overnight to let the emulsion harden and set.

Specification

Appearance	Semi-solid cream
Color	White
pH (as is)	4.5 to 5.5

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