



SCALP CARE SULPHATE & SILICONE-FREE SHAMPOO TN09120HC198/11C2

Formulation Features:

Taurate based surfactant provides mildness and good cleaning ability, good compatibility and gives transparent appearance

Functional Ingredients:

Napure C-HP

- Amino acid surfactant, easy thicken base
- Good foaming and extra mildness

TC-SHD

- Amphoteric mild surfactant
- Viscosity builder

Active Ingredient:

Polyquta 3000GR

- Cationic conditioning, wet and dry combing
- Higher density charge

Scalpatron

- Scalp issue and anti itching



Appearance of finished formulation

	Trade Name	INCI Name	%	Supplier	Function
A	1 DI Water	Water	45.15		Diluent
	2 Napure C-HP	Sodium Methyl Cocoyl Taurate	20.00	TINCI	Mild surfactant
	3 TC-SHD	Cocamidopropyl Hydroxysultaine	18.00	TINCI	Amphoteric surfactant
	4 Techcare DG50-2	Decyl glucoside	4.00	Technecture	Mild surfactant
	5 Cocamide DEA	Cocamide DEA	2.00		Thickener
B	6 Polyquta 3000GR	Polyquaternium-10	0.25	TINCI	Conditioning agent
	7 DI Water	Water	8.00		Diluent
C	8 Polyquta 220	Polyquaternium-47	1.00	TINCI	Conditioning agent
	9 Scalpatron VGP	Dipropylene Glycol, Water, Polysorbate	1.00	JAKA	Scalp issue and anti itching
	10 Troycare FE003	Iodopropynyl Butylcarbamate, Phenoxyethanol	0.60	Troy	Preservative

Procedure:

1. Add in part A one by one and stir till dissolved.
2. Premix part B and heat to 70-75C stir until clear and free of tiny particles.
3. Add part B into part A and stir well.
4. Continue add in remaining ingredients and stir until well incorporated.



Product Properties @ 25°C:

Appearance : Clear liquid

Viscosity (RVT, sp 4, 20 rpm): 4000-6000cps

pH: 6.00-6.50

Stability Test:

- Passed 3 months RT and 45C oven test

Remarks:

Salt can be viscosity builder that does not impact on transparency

*Suggested active ingredients:

1. **Piroctone Olamine**- Anti dandruff active, can formulate in clear appearance.
2. **Reviscalp**- Resolving inflammation for a healthy scalp and brighter hair. Rinse off formula tested



Contact Us
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