

FORMULATION



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Formula Name : Scalp Shampoo

Lot.No.36-OLS-5

(DIPOTASSIUM GLYCYRRHIZATE: 0.1%)

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INCI NAME	TRADE NAME	SUPPLIER	wt%
A			
BUTYLENE GLYCOL			4.0000
SORBITOL,WATER			2.0000
POLYQUATERNIUM-10			0.5000
CITRIC ACID			0.6500
DISODIUM EDTA			0.0500
WATER			21.9000
B			
SODIUM METHYL COCOYL TAURATE,WATER	NIKKOL CMT-30	NIKKO CHEMICALS	20.0000
SODIUM LAUROYL METHYLAMINOPROPIONATE,WATER	NIKKOL ALANINATE LN-30	NIKKO CHEMICALS	15.0000
COCAMIDOPROPYL BETAINE,WATER	NIKKOL AM-3130N	NIKKO CHEMICALS	15.0000
COCAMIDE DEA			2.5000
GLYCERYL UNDECYLENATE	NIKKOL MGU	NIKKO CHEMICALS	1.0000
LAURYL GLUCOSIDE,WATER	GreenAPG 1214	Shanghai Fine Chemical	4.0000
POLYGLYCERYL-10 LAURATE	NIKKOL Decaglyn 1-L	NIKKO CHEMICALS	1.5000
LAURETH-3,LAURETH-9,PEG-7 GLYCERYL COCOATE,WATER	NIKKOL NIKKOMIX SR	NIKKO CHEMICALS	3.0000
STEARAMIDOPROPYL DIMETHYLAMINE	NIKKOL Amidoamine MPS	NIKKO CHEMICALS	0.5000
PHENOXYETHANOL			0.4000
C			
ALCOHOL			5.0000
MENTHOL			0.3000
O-CYMEN-5-OL	BIOSOL	NIKKO CHEMICALS	0.1000
D			
DIPOTASSIUM GLYCYRRHIZATE	DPG	Maruzen Pharmaceuticals	0.1000
WATER			2.5000
		Total	100.0000
Procedure			
1. Mix A well at room temperature, then heat to 80°C while stirring.			
2. Heat B to 80°C, add B to A at 80°C, and stir for 5 min.			
3. Cool down while mixing slowly, then add C and D into A+B at 45°C.			
4. Cool down to 35°C while mixing slowly.			
Note			
Initial viscosity(Btype Viscometer No.3 /60sec.): 600 mPa·s			
pH(bulk):5.7			

We do not guarantee the stability of the final products of formulations in this brochure though the stability was checked at 45°C for 12 weeks.

We do not guarantee the preservation property of this formulation as we do have not checked it.

We do not guarantee that this formulation does not conflict with any patent.

It is users' responsibility to determine the suitability for their own use of the formulation.