

Formulation

This novel shampoo provides sulfate-free cleansing without stripping the hair of its dyed color or natural oils.

Micellar Color Protection Shampoo

Inolex

PHASE A

PHASE TOTAL: 100.0000%

PHASE INSTRUCTIONS

No phase instructions provided.

TRADE NAME	INCI NAME	FUNCTION	W/W %
Deionized Water	Water	-	55.4200
Surfapon AG-20	Decyl Glucoside	-	11.0000
Rhodacal A 246 FF	Sodium C14-16 Olefin Sulfonate	-	11.0000
Sodium Cocoyl Isethionate (85%)	Sodium Cocoyl Isethionate	-	6.0000
Glucamate DOE-120	PEG-120 Methyl Glucose Dioleate	-	1.7500
ProCondition™ 22	Brassicamidopropyl Dimethylamine	Active Ingredient (Non-OTC) Conditioning Agent Slip Modifiers Emulsifying agent Viscosity Modifiers Hair Conditioning Agents Emulsifier Opacifying / Pearlizing Agents Stabilizers Miscellaneous	0.5000
Lexaine™ C MB	Cocamidopropyl Betaine	Mild, sulfate-free surfactant.	10.0000
ClariSilk™	Polyester-37	Polymeric conditioning additive for hair care that reduces static charge and improves combing and detangling. Provides excellent color protection.	0.3300
LexFeel® WOW	Triheptanoin (and) C13-16 Isoalkane (formerly C13-16 Isoparaffin)	Solvents	0.6700
Spectrastat™ PHL	Caprylhydroxamic Acid (and) 1,2-Hexanediol (and) Propanediol	Emollient Ethers Preservatives Miscellaneous Surfactant Solvents	3.0000
Coconut & Green Tea	Fragrance	-	0.3300
Citric Acid (20%)	Citric Acid	-	0.0000 (q.s.)
Sodium Chloride	Sodium Chloride	-	0.0000 (q.s.)

Specifications**VISCOSITY**

2,500 - 7,500 cps

PH TARGET

5.00 - 6.00

PROCEDURE

Combine Items 1 - 4 (main batch). Heat to 75 °C to 80 °C.

Maintain the heat to 75 °C to 80 °C, add items 5 and 6 to main batch with gentle propeller mixing.

Once main batch is clear, add Items 7 - 9 quickly with moderate speed propeller mixing.

At 45 °C to 50 °C, add Items 10 - 11, one by one and mix uniformly. Continue gentle propeller mixing until room temperature.

Use Items 12 and 13 to adjust the pH and viscosity as needed.