

Conditioning Shampoo Formulation J1/79A

Phase	Ingredients	INCI Nomenclature	Supplier	%
A	DI Water	Water		55.3
B	Methocel E-4M	Hydroxypropyl Methylcellulose	Aqualon	0.3
B	Glycerin 99	Glycerin	JEEN® Int'l	1.0
C	JEECHEM® FS-103	Butylene Glycol & PEG-25 Hydrogenated Castor Oil & PEG-40 Hydrogenated Castor Oil	JEEN® Int'l	4.0
C	JEECHEM® Shampoo Concentrate #4	Ammonium Lauryl Sulfate & Ammonium Laureth Sulfate & Ammonium Xylene Sulfonate & Glycol Distearate & Cocamide MEA	JEEN® Int'l	30.0
C	JEESILC® PDS-200	Dimethicone	JEEN® Int'l	0.3
C	Cetyl Alcohol	Cetyl Alcohol	JEEN® Int'l	0.7
C	Jeesilc 94	Amodimethicone & Trideceth-12 & Cetrimonium Chloride	JEEN® Int'l	3.0
C	JEESILC® DMC 19	Dimethicone Copolyol	JEEN® Int'l	0.2
C	JEECHEM® CME	Cocamide MEA	JEEN® Int'l	2.0
C	JEEMATE 6000DS	PEG-150 Distearate	JEEN® Int'l	1.4
D	Botanical's Plus Conditioning Herbal Extract Blend	Arnica (Arnica Montana) Extract & Echinacea (Echinacea Purpurea) Extract & Horsetail Extract & Rosemary Extract	Botanicals' Plus	0.5
E	JEECIDE® CAP-5	Phenoxyethanol & Caprylyl Glycol & Potassium Sorbate & Water & Hexylene Glycol	JEEN® Int'l	1.0
E	Fragrance	Fragrance		0.3
Total				100.0

Procedure:

1. Heat A to 65-70C
2. Premix Phase B ingredients and add to A. Mix for 15 minutes.
3. Add Phase C ingredients one at a time ensuring each is dissolved before adding the next.
4. Cool batch to 50C.
5. Add Phase D.
6. Cool the batch to 40C.
7. Pre-mix Phase E ingredients and add to the batch. Mix well.
8. Cool to RT.

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