

Deep Conditioner for Hair Formulation J1/97A

Phase	Ingredients	INCI Nomenclature	Supplier	%
A	DI Water			76.75
A	Incroquat Behenyl TMC-25	Cetearyl Alcohol & Behenetrimonium Chloride	Croda	7.5
A	JEECHEM® MST	Cetyl Esters	JEEN® Int'l	1.5
A	JEESILC® 93	Amodimethicone & Trideceth-12 & Cetrimonium Chloride	JEEN® Int'l	1.0
A	JEEQUAT® SDQ-85	Stearalkonium Chloride	JEEN® Int'l	1.0
	JEECHEM® GMS-165	Glyceryl Stearate and PEG-100 Stearate		1.0
B	JEECHEM® FS-102	Hexylene Glycol & PEG-25 Hydrogenated Castor Oil & PEG-40 Hydrogenated Castor Oil	JEEN® Int'l	6.0
B	JEECID® CAP-5	Phenoxyethanol & Caprylyl Glycol & Potassium Sorbate & Water & Hexylene Glycol	JEEN® Int'l	1.0
B	Menthol	Menthol	JEEN® Int'l	0.1
B	Olive Oil	Olive Oil	JEEN® Int'l	0.5
B	Coconut Oil	Coconut Oil	JEEN® Int'l	0.2
B	Wheat Germ Oil	Wheat Germ Oil	JEEN® Int'l	0.2
B	Safflower Oil	Safflower Oil	JEEN® Int'l	0.2
B	Vitamin E Acetate	Tocopheryl Acetate	JEEN® Int'l	0.1
B	Fragrance	Fragrance		0.4
C	Ascorbic Acid	Ascorbic Acid	JEEN® Int'l	0.05
C	Water	Water		1.0
D	Papaya & Fennel & Kiwi Extract	Papaya & Fennel (Foeniculum vulgare) & Kiwi Extract	Botanicals' Plus	1.0
D	JEECHEM® SPV	Hydrolyzed Vegetable Protein	JEEN® Int'l	2.0
D	FD&C Yellow #5	FD&C Yellow #5		q.s.
	Total			100.0

Procedure:

1. Heat water to 70-75C. Add in all Phase A ingredients one at a time ensuring each is dissolved before adding the next.
2. Combine Phase B in a side mix kettle.
3. Cool the main batch to 50C and add Phase B.
4. Cool the batch to 40C and add pre-mix Phase C.
5. Add in the ingredients of Phase D.

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