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Sulfate-free Color Protection Shampoo

Code J20-91MC **Application** Hair Care **Body Parts** Hair **Form** Liquid **Appearance** Opaque **Emulsion Type** Oil in Water

Trade Name					
Phase	INCI Name	%	Vendor	Highlight Jeen Ingredients	
A	DI H2O Di H2O	49.400	Jeen		
B	Carbopol EDT 2020 C10/20 Alkyl Acrylates Crosspolymer	1.4000	Lubrizol		
B	Methocel E-4M Hydroxypropyl Methylcellulose	0.1000	Ashland		
B	GLYCERIN 99.7% USP Glycerin	7.5000	Jeen		
B	JEECHEM® BUGL 1,3-butylene Glycol	7.5000	Jeen		
C	JEECHEM® Concentrate SF-24 Disodium Laureth Sulfosuccinate, Sodium Cocoyl Isethionate, Cocamidopropyl Betaine, Sodium Methyl Cocoyl Taurate	30.000	Jeen	Jeechem Concentrate SF-24 is a sulfate-free and amide-free gentle and mild all purpose surfactant with moderate high foam, good cleansing/wash off profile. Ideal for shampoos, conditioners, body washes, and cleansers.	
D	Dissolvne Na2 Disodium Edta	0.2000	Akzo Nobel		
D	DL-PANTHENOL Panthenol DI-pantothenyl Alcohol Cg	0.1000	Jeen		
D	JEECHEM® 100 WP Hydrolyzed Wheat Protein, Water, Phenoxyethanol	1.0000	Jeen		
D	Conditioning Herbal Extract Blend Arnica (Arnica Monmtana), Echinacea (echnicea Purpurea), Horsetail (equisetum Arvense) & Rosemary	0.5000	Botanicals Plus		
E	ARGAN OIL Argania Spinosa Kernel Oil	0.1000	Botanicals Plus		
E	JEECHEM® GC-30 Peg-30 Glyceryl Cocoate	1.0000	Jeen		
E	Kera-Tein 1000 Hydrolyzed Keratin	0.1000	TRI-K		
E	JEECIDE® CAP-5 Phenoxyethanol,caprylyl Glycol,potassium Sorbate,water,hexylene Glycol	1.0000	Jeen	Add this Broad Spectrum Preservative System at 0.5-1.5% in any emulsion for complete microbial protection in your formula. Paraben-Free, Formaldehyde-Free and Globally Compliant.	
F	JEESCREEN BENZOPHENONE-4 Benzophenone-4	0.1000	Jeen		
G	Sodium Hydroxide (18% Solution) Sodium Hydroxide				
		100.0000	%		

Procedure 1 Add Phase A water to the main mixing tank. 2 Premix Phase B ingredients and add to Phase A. Mix for 15 minutes. 3 Add Phase C and continue slow mixing.	Product Specifications pH 5.3-5.5 Viscosity 5,000-8,000 cps RVT sp 3 @10 RPM
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- 4 Add Phase D ingredients in order, continue gentle mixing.
- 5 Pre-blend Phase E, then add to main tank and continue slow mixing.
- 6 Add Phase F to the main tank.
- 7 Adjust pH to 5.3-5.5 using Phase G and mix until uniform product is maintained.

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