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## Color Protectant Conditioner

**Code**                      **Application**                      **Body Parts**                      **Form**                      **Appearance**                      **Emulsion Type**  
**J22-153KZ**                      **Hair Care**                      **Hair**                      **Cream**                      **Opaque**                      **Oil in Water**

This conditioner contains all the essentials your hair needs to repair, protect, hydrate, and enhance shine. This conditioner provides protection from harmful UV rays and helps prevent color from fading. Conditioning ingredients and extracts moisturize and help create shine.

Trade Name					
Phase	INCI Name	%	Vendor	Highlight Jeen Ingredients	
A	Di Water	84.400			
A	TRIETHANOLAMINE 99 % Triethanolamine	0.7000	Jeen		
A	JEECID <sup>®</sup> 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.	
A	GLYCERIN 99.7% USP Glycerin	3.5000	Jeen		
B	JEEPERSE ICE-T-LB-980 Cetearyl Alcohol, Carbomer, Isopropyl Palmitate, Sorbitan Stearate, Glyceryl Stearate, Peg-100 Stearate, Stearyl Alcohol, Cetyl Alcohol	3.5000	Jeen	This Jeesperse <sup>®</sup> ICE-T™ product allows for the incorporation of all your waxy emulsifiers directly into your water phase with NO heat. Build your typical Emulsion Chassis while taking advantage of the manufacturing benefits and efficiencies associated with Jeesperse <sup>®</sup> ICE-T™ Technology: Manufacture Faster, More Consistent and while using Less Energy.	
C	JEECILC <sup>®</sup> CPS-312 Cyclopentasiloxane, Cyclohexasiloxane	1.5000	Jeen	A versatile emollient used in skincare, suncare, decorative cosmetics, haircare, and Deodorants/Anti-Perspirants, Jeecilc CPS-312 reduces tackiness upon application and aids in quick drying. In stick applications, Jeecilc CPS-312 improves glide, prevents staining and aids in absorption without being occlusive.	
C	JEECHEM <sup>®</sup> BUGL 1,3-butylene Glycol	1.8000	Jeen		
C	JEESCREEN BENZOPHENONE-4 Benzophenone-4	0.2000	Jeen		
C	DL-PANTHENOL Panthenol Di-pantothenyl Alcohol Cg	0.5000	Jeen		
C	MACADAMIA NUT OIL Macadamia Ternifolia Seed Oil	0.3000	Jeen		
C	SUNFLOWER OIL Helianthus Annuus (sunflower) Seed Oil	0.3000	Jeen		
C	CRANBERRY SEED OIL Vaccinium Macrocarpon (cranberry) Seed Oil	0.2000	Jeen		
C	Dissolvne Na2 Disodium Edta	0.2000	Akzo Nobel		
C	ARGAN OIL Argania Spinosa Kernel Oil	0.2000	Botanicals Plus		
C	KERA-TEIN 1000 Liq. Hydrolyzed Keratin	0.4000	TRI-K		
C	JEECHEM <sup>®</sup> CTG Caprylic/capric Triglyceride	0.1000	Jeen		

<b>C</b>	<b>JEECHEM® HSP</b>	<b>1.2000 Jeen</b>
<b>Hydrolyzed Soy Protein</b>		
100.0000 %		
<b>Procedure</b>		<b>Product Specifications</b>
1	Add Phase A ingredients into a main mixing tank and mix with an overhead prop mixer.	<b>Appearance</b> Color Protectant
2	Disperse Phase B into Phase A. Mix well.	<b>Ph</b> 5.50-6.00
3	As viscosity develops, begin to add Phase C ingredients, one at a time in the order given in the formulation, into Phase AB. Mix on high until uniform.	<b>Stability @ RT/45C° / FT</b> 02/07/2013
4	Homogenize to ensure that batch is uniform and chunk-free.	<b>Start Date</b>
5	Make final property checks for appearance, viscosity, and pH at room temperature.	<b>Viscosity</b> 70,000 cps @ 10 rpm with Spindle #95 (T-spindle-E) using a RVT Brookfield Viscometer in Heliopath mode.

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