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## Leave-in Conditioner

**Code**                      **Application**                      **Body Parts**                      **Form**                      **Appearance**                      **Emulsion Type**  
**J22-161KZ**                      **Hair Care**                      **Hair**                      **Cream**                      **Opaque**                      **Oil in Water**

A light-wear, leave-in conditioner that provides protection from heat styling products while conditioning and enhancing the shine of hair.

Trade Name				
Phase	INCI Name	%	Vendor	Highlight Jeen Ingredients
A	Di Water	90.200		
A	TRIETHANOLAMINE 99 % Triethanolamine	0.7000	Jeen	
A	JEECIDÉ® 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.
B	JEEPERSE ICE-T-LB-980 Cetearyl Alcohol, Carbomer, Isopropyl Palmitate, Sorbitan Stearate, Glyceryl Stearate, Peg-100 Stearate, Stearyl Alcohol, Cetyl Alcohol	2.3000	Jeen	This Jeesperse® 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® ICE-T™ Technology: Manufacture Faster, More Consistent and while using Less Energy.
C	JEECHEM® HSP Hydrolyzed Soy Protein	0.6000	Jeen	
C	JEESILC® PTMF Phenyl Trimethicone	1.0000	Jeen	Jeasilc PTMF is a 100% Active silicone polyphenylmethysiloxane polymer that imparts softness, lubricity, and shine in a wide array of cosmetic, skin, and hair application. It is widely used to enhanced sensorial effects and to add slip to formulations.
C	DL-PANTHENOL Panthenol DI-pantothenyl Alcohol Cg	0.5000	Jeen	
C	JEESILC® CPS-311 Cyclotetrasiloxane, Cyclopentasiloxane	3.0000	Jeen	
C	Argan Oil Argania Spinosa	0.2000	EMD	
C	KERA-TEIN 1000 Liq. Hydrolyzed Keratin	0.5000	TRI-K	
D	Citric Acid 10% Solution Sodium Chloride, 10% (w/v) Solution	0.0000		
		100.0000	%	

Procedure	Product Specifications
1 Add Phase A ingredients into a main mixing tank and mix with an overhead prop mixer.	<b>Appearance</b> Light White Lotion
2 Disperse Phase B into Phase A. Mix well.	<b>Ph</b> 5.50-5.80
3 As viscosity develops, begin to add Phase C ingredients, one at a time in the order that they appear in the formula, into Phase AB. Mix on high until uniform.	<b>Viscosity</b> 64,000 cps @10 rpm with Spindle #95 (T-spindle E) using a RVT Brookfield Viscometer in Heliopath mode.
4 Homogenize to ensure that batch is uniform and chunk-free.	
5 Make final property checks for appearance, viscosity, and pH at room temperature.	<b>Stability @ RT/45C° / FT</b> 02/25/2013
6 Titrate in Phase D, if necessary, to obtain desired pH.	<b>Start Date</b>

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