



24 Madison Road
 Fairfield, NJ 07004
 Tel #: 973-439-1401
 Fax #: 973-439-1402
 info@jeen.com
 www.jeen.com

Luxury Lotion

Code J21-82KZ-B **Application** Skin Care **Body Parts** Body,Face **Form** Lotion **Appearance** Opaque **Emulsion Type** Oil in Water

A silky smooth body lotion using Jeecilc PS-CMBF. This lotion has the feel of a high end lotion without the price tag.

Trade Name					
Phase	INCI Name	%	Vendor	Highlight Jeen Ingredients	
A	DI H2O	80.000			
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A	GLYCERIN 99.7% USP Glycerin	2.0000	Jeen		
A	carbomer 94q Carbomer	0.3000	Lubrizol		
A	Dissolvane Na2 Disodium Edta	0.2000	Akzo Nobel		
A	PROPYLENE GLYCOL USP Propylene Glycol	2.0000	Jeen		
B	JEECHEM® CTG Caprylic/capric Triglyceride	3.0000	Jeen		
B	JEECOL® CS-20-D Ceteareth-20, Cetearyl Alcohol	1.5000	Jeen	Jeecol CS-20-D is an excellent nonionic emulsifying wax widely used in cosmetics and pharmaceutical applications. It is highly stable in both acidic and base systems and is typically used to improve stability, consistency, and to build viscosity and structure.	
B	CETYL STEARYL ALCOHOL NF, 95% Cetearyl Alcohol	1.5000	Jeen		
B	JEESILC® CPS-312 Cyclopentasiloxane, Cyclohexasiloxane	2.0000	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.	
B	JEESILC® PS-CMBF Cyclopentasiloxane, Bis-vinyl Dimethicone/dimethicone Copolymer	5.0000	Jeen	Bis-vinyl Dimethicone/Dimethicone Copolymer is a linear polymer patented by Jeen® (US Patent # 7,407,666). The polymer is non-crosslinked, and provides security of knowing you're not infringing on any patents pertaining to a Dimethicone Crosspolymer. Elegance delivered by the Bis-vinyl Dimethicone/Dimethicone Copolymer, and carried using Cyclopentasiloxane, this silicone gel will provide a feel that is not extremely light, but not too heavy. Easily added post emulsion. Use at 1-8%.	
B	JEECHEM® GMS-165 Glyceryl Stearate (and) Peg-100 Stearate	1.5000	Jeen		
C	JEECID® G-II Propylene Glycol, Diazolidinyl Urea, Methyl Paraben, Propyl Paraben	1.0000	Jeen		
D	TRIETHANOLAMINE 99 % Triethanolamine 99% Adjust To Ph 6.00		Jeen		
		100.0000	%		
Procedure				Product Specifications	
1	In a main mixing tank, disperse Carbomer 94Q in water, mix until lump free (Use homogenizer/homomixer if necessary).			Viscosity	224,000 cps @ 1.5rpm w/Spindle

2	Add the rest of Phase A ingredients one at a time and begin to heat batch to 75-80°C while mixing with an overhead prop mixer.	pH	5.50-6.00
3	In a separate sub-mixing tank, add in the first two ingredients into the tank and begin to heat batch to 75-80°C. Once temperature of batch begins to rise, slowly add in the rest of Phase B ingredients, one at a time.		
4	Once Phase B and Phase A are heated to 75-80°C, slowly add Phase B to Phase A while mixing with a prop mixer. The homo Phase A B batch for two minutes, then switch back to prop mixing but mix on slow speed.		
5	Cool to 40°C then add Phase C followed by Phase D. Continue to prop mix and cool to 30°C.		
6	At 30°C, check pH and adjust with TEA or 10% citric acid solution to pH 5.50-6.00.		

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