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Light and Sunny SPF Gel

<u>Code</u>	<u>Application</u>	<u>Body Parts</u>	<u>Form</u>	<u>Appearance</u>	<u>Emulsion Type</u>
J43-94 / C	Sun Care, Skin Care	Face, Body	Gel	White	Oil in Water

This 94% naturally-derived light SPF gel is for people who hate wearing sunscreen—an elegant, light formula filled with sensorial modifiers and sunscreen protection that absorbs quickly into the skin without leaving a white cast. Thanks to our OleoSil LC, this formulation has excellent slip, a light texture with light application and works well in humid conditions. Our Jeesperse Z70-LC and Jeesperse T70-LC help to prevent sun damage offering an estimated SPF value of 45-55. This should be the last step in your skin care routine every morning before you head out for the day.

Trade Name					
Phase	INCI Name	%	Vendor	Highlight Jeen Ingredients	
A	WATER Deionized Water	65.200	Jeen		
A	JEETHIX T Sodium Acrylate/sodium Acryloyl Dimethyl Taurate Copolymer	4.0000	Jeen		
A	TARA GUM 0.5% SOL. Tara Gum	10.000			
A	GLYCERIN 96% USP Glycerin	2.5000	Jeen		
B	JEESPERSE Z70-LC Zinc Oxide, C9-12 Alkane	7.0000	Jeen	Jeesperse® Z70 is a 70% dispersion of ZnO (zinc oxide) in a C9-12 natural alkane solvent. This product offers a convenient and easy-to-use way to incorporate ZnO mineral sunscreen to sun care formulations and offers broad UVB and UVA protection. This ingredient is comprised of over 95% naturally-derived ingredients and is an ideal source of sunscreen for formulators seeking highly natural sun care actives.	
B	JEESPERSE T70-LC Titanium Dioxide, C9-12 Alkane	4.0000	Jeen	Jeesperse® T70 is a 70% dispersion of TiO2 (titanium dioxide) in a C9-12 natural alkane solvent. This product offers a convenient and easy-to-use way to incorporate TiO2 sunscreen into sun care formulations and offers broad UVA and UVB protection. This ingredient is comprised of over 95% naturally-derived ingredients and is an ideal source of sunscreen for formulators seeking highly natural sun care actives.	
C	OleoSil LC C9-12 Alkane (and) Dimethicone Crosspolymer-3	3.0000	Jeen	OleoSil gels are elastomer gels utilizing alkanes to produce an array of functional end-products differentiated by sensorial feel, chemical function, and versatile end-use and are 65-90% naturally-derived. OleoSil gels are specifically tailored for end-use function, and, also act as sensorial modifiers vastly improving texture, feel, slip, application, and play time. Use OleoSil LC in applications to contribute soft feel and emollience while simultaneously adding dryness and sebum control. Recommended for combination and oily skin products, Men's Products, and quick setting, light, nude or sheer claims.	
C	JEECHEM® NDA-HC C18-21 Alkane	3.0000	Jeen	Jeechem® NDA-HC is a light and dry naturally derived alkane that is the perfect soft touch dry emollient and solvent. It applies smoothly with nice cushiony skin feel. Use this dry alkane to impart a healthy glow without an oily feel in a variety of end applications.	

D	FRAGRANCE Szus016456 Sheer Coconut W/s Fragrace	0.3000	Sozio Inc	
D	JEECID® 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.
100.0000 %				

Procedure		Product Specifications	
1	PHASE A - In main beaker add Phase A ingredients one at a time and mix until homogeneous with propeller mixer.	pH	5.50-6.00
2	PHASE B - Add Phase B ingredients to Phase A and mix until homogeneous.	Viscosity RV SP-TC@ 5rpm	125.000-175.000cps
3	PHASE C - Add Phase C ingredients to Phase AB and mix until homogeneous.		
4	PHASE D - Add Phase D to Phase ABC and mix until homogeneous.		

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