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Rich & Playful SPF Cream

<u>Code</u>	<u>Application</u>	<u>Body Parts</u>	<u>Form</u>	<u>Appearance</u>	<u>Emulsion Type</u>
J43-93 / C	Sun Care, Skin Care	Face, Body	Cream	White	Oil in Water

This 94% naturally-derived sunscreen cream provides broad spectrum protection while imparting an atypically luxurious feel. It is formulated with Jeesperse T70-LC and Jeesperse Z70-LC which are high volume load stable dispersions of physical sunblocks in naturally-derived solvents and providing an estimated SPF of 70+.

Trade Name					
Phase	INCI Name	%	Vendor	Highlight Jeen Ingredients	
A	WATER	45.700			
A	GLYCERIN 99.7% USP Glycerin	2.5000	Jeen		
A	TARA GUM 0.5% SOL. Tara Gum 0.5% Sol.	15.0000			
A	JEEPERSE® CPW-S Helianthus Annuus (sunflower) Seed Wax, Sodium Polyacrylate	4.0000	Jeen	Add Sunflower Wax directly to a water phase, WITHOUT heating. Use Sunflower Wax to provide a film and protect skin from irritants as well as to build viscosity; all while taking advantage of the manufacturing benefits and efficiencies associated with Jeesperse® CPW Technology: Manufacture Faster, More Consistently, while using Less Energy.	
B	JEEPERSE T70-LC Titanium Dioxide, C9-12 Alkane	5.0000	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.	
B	JEEPERSE Z70-LC Zinc Oxide, C9-12 Alkane	15.0000	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	JEECHEM® SOC Sorbitan Sesquioleate	1.3000	Jeen		
B	JEECHEM® TDS Tridecyl Salicylate	3.0000	Jeen		
C	Moringa Oil Moringa Oil	2.0000			
C	OLIVE OIL (PURE) Olea Europaea (olive) Fruit Oil	2.5000	Jeen		
C	SHEA BUTTER Butyrospermum Parkii (shea) Butter	2.5000	Jeen		
D	JEECID® PHENOXY Phenoxyethanol	1.0000	Jeen	Jeeicide Phenoxy is a Globally Approved Preservative for Personal Care Applications. It is a clear, colorless, oily liquid with a slight aromatic odor, it is effective against both Gram-negative and Gram-positive bacteria, and against yeast, and mold.	
D	FRAGRANCE	0.2500	Jeen		

D	Boron Nitride	0.2500
	Boron Nitride	
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 6.00 - 6.50
2	PHASE B - Add Phase B ingredients one at a time to Phase A and mix until homogeneous.	Viscosity RV SP-TC@ 57.500 - 62.500 cps
3	PHASE C - Add Phase C to Phase AB and mix until homogeneous.	5rpm
4	PHASE D - Add Phase D ingredients to Phase ABC and mix until homogeneous.	

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