



Traveler's SPF Stick

<u>Code</u>	<u>Application</u>	<u>Body Parts</u>	<u>Form</u>	<u>Appearance</u>	<u>Emulsion Type</u>
J43-96 / C	Sun Care, Skin Care	Face, Body	Stick	Off White	Anhydrous

This 95% naturally-derived sunscreen stick provides superior UVA and UVB protection without the harshness of chemical filters. It glides on smoothly and rubs in easily, leaving a minimal white cast. Our Jeesperse Z70-CC is a high volume load stable dispersion of zinc oxide in a natural solvent, providing an estimated 55-65 SPF protection. Toss this sunscreen stick into your beach bag and you'll be ready for fun in the sun!

Trade Name					
Phase	INCI Name	%	Vendor	Highlight Jeen Ingredients	
A	SUNFLOWER WAX Helianthus Annuus (sunflower) Seed Wax	1.8000	Jeen		
A	Carnauba Wax Carnauba Wax	7.0000			
A	Candelilla Wax Candelilla Wax	16.7500			
B	JEEPERSER Z70-CC Zinc Oxide, C13-14 Alkane	20.0000	Jeen	Jeesperse® Z70 is a 70% dispersion of ZnO (zinc oxide) in a C13-14 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® NDA-CC C13-14 Alkane	4.0000	Jeen	Jeechem® NDA-CC is a light and dry naturally derived alkane that is the perfect soft touch dry emollient and solvent. It applies smoothly, dries quickly without compromising your skin. Use this dry alkane to act as a glossiness/oiliness modulator in a variety of end applications.	
B	JEECHEM® MM FLAKE Myristyl Myristate	6.0000	Jeen	Jeechem MM is an excellent waxy emollient with a melting point near skin temperature. It is designed to provide body and structure to skin care formulations while conditioning and moisturizing the skin.	
B	JEECHEM® TDS Tridecyl Salicylate	3.0000	Jeen		
B	VITAMIN E USP Tocopheryl Acetate	0.5000	Jeen		
C	JEECHEM® NDA-HC C18-21 Alkane	6.5000	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.	
C	Moringa Oil Moringa Oil	2.2500			
C	SHEA BUTTER Butyrospermum Parkii (shea) Butter	6.2500	Jeen		
C	COCONUT OIL Cocos Nucifera (coconut) Oil	13.7500	Jeen		
C	COCOA BUTTER PPP NF Theobroma Cacao (cocoa) Seed Butter	3.3000	Jeen		

C	JOJOBA OIL (GOLDEN) Simmondsia Chinensis (jojoba) Seed Oil	8.0000	Jeen	
D	JEECID® PHENOXY Phenoxyethanol	0.4000	Jeen	Jeecide 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 Szus016454 White Driftwood & Coconut Fragrance	0.5000	Sozio Inc	
		100.0000	%	

Procedure		Product Specifications	
1	PHASE A - In main beaker add Phase A ingredients one at a time at 75-80C; mix until everything is completely melted and uniform with propeller mixer.	Melt Point	50 - 65 C
2	PHASE B - In side beaker pre-mix Phase B ingredients at 70-75C.		
3	Add Phase B to Phase A and mix until homogeneous.		
4	PHASE C - Add Phase C ingredients one at a time to Phase AB at 60-65C and mix until homogeneous.		
5	PHASE D - Add Phase D to Phase ABC and mix until homogeneous.		
6	Pour at 55-60C.		

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