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# Jeesperse Sun Veil Mineral Sunscreen Lotion G

Code                      Application                      Body Parts                      Form                      Appearance                      Emulsion Type  
**J43-47 / G**                      **Sun Care**                      **Face,Body**                      **Lotion**                      **White**                      **Water in Oil**

This lightweight mineral sunscreen lotion provides UVA and UVB protection with minimal whitening and without harshness of chemical filters. Formulated with Jeesperse T70-T and Z70-T which are high volume load stable dispersions of physical sunblocks in natural solvents. Our Jeesperse NDA Sun Dispersions protect you, aquatic wildlife, and our oceans.

Trade Name				
Phase	INCI Name	%	Vendor	Highlight Jeen Ingredients
A	WATER Deionized Water	65.550	Jeen	
A	ALOE VERA GEL DECOLORIZED 10X Aloe Barbadensis Leaf Juice	1.0000	Jeen	
A	DL-PANTHENOL Panthenol	0.2000	Jeen	
A	GLYCERIN 96% USP Glycerin	2.0000	Jeen	
A	JEEPERSER® ICE-T CIS-2 Peg-150 Distearate, Cetearyl Alcohol, Polyquaternium-37	2.7500	Jeen	This Jeesperse utilizes a cationic charged polymer, Polyquaternium-37 which provides a cationic feel to your skin and hair products. This cationic Jeesperse allows for a high level of oils and emulsions while imparting a light, powdery feel.
A	Cellulose Gum 0.5% Sol. Cellulose Gum 0.5% Sol.	6.0000		
B	VITAMIN E USP Tocopheryl Acetate	0.2000	Jeen	
B	JEECHEM® OO Oleyl Oleate	2.0000	Jeen	Jeechem® OO is an all natural emollient ester of Oleyl Alcohol and Oleic Acid. Its lubricious oil-free properties make it ideal for lipsticks, color cosmetics, and all oil-free claim products.
B	JEECHEM® SMO Sorbitan Oleate	1.5000	Jeen	
B	OLIVE OIL (PURE) Olea Europaea (olive) Fruit Oil	1.0000	Jeen	
C	JEEPERSER T70-T Titanium Dioxide (and) Tetradecane (and) Polyhydroxystearic Acid (and) Triethoxycaprylylsilane	5.0000	Jeen	Jeesperse® T70 is a 70% dispersion of TiO2 (titanium dioxide) in a naturally-derived tetradecane 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	JEEPERSER Z70-T Zinc Oxide (and) Tetradecane (and) Polyhydroxystearic Acid (and) Triethoxycaprylylsilane	11.0000	Jeen	Jeesperse® Z70 is a 70% dispersion of ZnO (zinc oxide) in a naturally-derived tetradecane 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.

D	<b>JEESILC® ER-1</b> Polymethylsilsesquioxane (and) Isododecane (and) Dimethicone Crosspolymer-3	0.6000	Jeen	<p><b>Jeesilc® ER-1 is an innovative film former with great skin and hair adhesion properties, it dries quickly and provides comfortable long wear. Due to its oxidative and humidity tolerance, it is an ideal product for Suncare, Decorative/Color Cosmetics and haircare. Its comfortable long wear feel lends itself perfectly to all types of finished applications.</b></p> <p><b>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></p>
D	<b>JEECIDE® CAP-5</b> Phenoxyethanol, Caprylyl Glycol, Potassium Sorbate, Water, Hexylene Glycol	1.0000	Jeen	
D	Tropical coconut fr. Tropical Coconut Fr.	0.2000		
100.0000 %				

<b>Procedure</b>		<b>Product Specifications</b>	
1	PHASE A - Add Phase A ingredients one at a time; mix with propeller mixer until dissolved and homogeneous.	pH	5.50 - 6.00
2	PHASE B - Add Phase B ingredients Phase A; mix until completely uniform.	Viscosity RV SP-TC@ 5rpm 1 min. @ 25C	18 500 - 22 500 cps
3	PHASE C - Add Phase C ingredients one at a time to Phase AB mixer until completely dispersed and uniform.	SPF by calculation based on % of ZnO and TiO2	SPF 12 global
4	PHASE D - Add Phase D ingredients Phase ABC; mix until completely uniform.		

***Innovation you can feel***

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