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OptiDerm™ SPF-30 Caress Cream

<u>Code</u> J38-129	<u>Application</u> Skin Care	<u>Body Parts</u> Face,Body	<u>Form</u> Cream	<u>Appearance</u> white	<u>Emulsion Type</u> Water in Oil
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Use this 100% All Natural SPF-30 cream to caress your skin and provide comfortable all day wear and softness with the appropriate protection from the sun. Formulated to repair and replenish skin's normal barrier function, this cream is easy to formulate and delivers a long list of benefits --- NATURALLY.

Trade Name					
Phase	INCI Name	%	Vendor	Highlight Jeen Ingredients	
A	WATER Deionized Water	50.500	Jeen		
A	JEECID® PEN-NAT Pentylene Glycol	4.0000	Jeen		
A	JEEPERSE® OPTIDERM Cetearyl Alcohol (and) Glyceryl Stearate (and) Dehydroxanthan Gum (and) Cetearyl Glucoside (and) Triticum Vulgare (wheat) Germ Oil (and) Hydroxypropyl Bispalmitamide Mea	3.0000	Jeen	Jeesperse® OptiDerm™ is a 100% all natural multifunctional ingredient designed as a universal emulsifier and functional ingredient for skin barrier maintenance and repair. Jeesperse® OptiDerm™ is formulated with essential lipids and ceramides to help repair the stratum corneum and maintain the ordered structure of the intercellular lipids to reduce visible signs of aging and fatigued skin.	
A	DL-PANTHENOL Panthenol	0.2000	Jeen		
A	Zinc Oxide	20.0000			
B	JEECHEM® Squalane Natural Squalane	2.0000	Jeen	Jeechem Squalane Natural is a vegetable derived phtostable oil that is designed to moisturize and condition skin. It's composition mimics skin's natural sebum which protects against TEWL and helps replenish skin's natural lipids reducing signs of aging and rough dry skin.	
B	COCOA BUTTER PPP NF Theobroma Cacao (cocoa) Seed Butter	3.0000	Jeen		
B	JOJOBA OIL (GOLDEN) Simmondsia Chinensis (jojoba) Seed Oil	3.0000	Jeen		
B	JEECHEM® CTG Caprylic/capric Triglyceride	6.0000	Jeen		
B	JEEPERSE TI-OO-50 Titanium Dioxide, Olive (olea Europaea) Oil	7.0000	Jeen	Titanium Dioxide dispersed in Olive Oil. This product allows for the easy incorporation of Titanium Dioxide into formulations. The dispersion aids in the uniformity of Zinc Oxide throughout the product. JEEPERSE TI-OO-50 will also act as an SPF enhancer.	
B	VITAMIN E USP Tocopheryl Acetate	0.2000	Jeen		
C	JEECID® AA Benzyl Alcohol, Benzoic Acid, Sorbic Acid	1.0000	Jeen	Jeeicide® AA is an optimally blended broad spectrum preservative formulated to meet the needs of personal care products from shmpoos and conditioners to skin care serums, lotions and creams. It is particularly useful in natural and organic formulations due to the wide acceptance of the ingredients that comprise the product.	
C	LAVENDER OIL Lavandula Angustifolia (lavender) Oil	0.1000	BotanicalsPlus		
		100.0000	%		

Procedure	Product Specifications
<ol style="list-style-type: none"> 1 PHASE A In main beaker, add Phase A ingredients mixing with propeller mixer and heat to 40-45C. 2 Transfer Phase A to homo-mixer maintaing the temperature 40-45C. 3 PHASE B In side beaker, add Phase B ingredients mixing with propeller mixer and heat to 40-45C. 4 Slowly add Phase B to Phase A with homo-mixing. 5 Continue mixing Phase AB for 10 - 15 minutes. 6 Cool down Phase AB to 30-35C with homo-mixing. 7 Switch to side sweep mixing at 30-35C. 8 PHASE C Add Phase C ingredients to Phase AB at 25-30C and mix until homogeneous. 9 Ajust pH to 6.50-7.50. 	<p>pH 6.50-7.50</p> <p>Viscosity RV SP-TC@ 50,000 cps</p> <p>5rpm 1min.@25C</p>

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