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DHA Facial Moisturizer

Code J21-134KZ **Application** Sunless Tanning **Body Parts** Face **Form** Gel **Appearance** Translucent **Emulsion Type** Oil in Water

Light feeling product for daily facial use providing light color to the skin.

Trade Name					
Phase	INCI Name	%	Vendor	Highlight Jeen Ingredients	
A	Deionized Water	47.000			
A	Deionized Water				
A	Veegum Ultra	0.2000			
	Magnesium Aluminum Silicate				
B	GLYCERIN 99.7% USP	2.0000	Jeen		
	Glycerin				
B	Dissolvine Na2-s	0.1500	Akzo Nobel		
	Disodium Edta				
C	JEESPERSE® CPW-CG-T-02	4.0000	Jeen	This Jeesperse® CPW product allows for the incorporation of all your waxy emulsifiers directly into your water phase with NO heat.	
	Cetyl Alcohol, Sodium Acrylate/sodium Acryloyl Dimethyl Taurate Copolymer, Polysorbate 80, Glyceryl Stearate, caprylic/capric Triglyceride				
D	JEESILC® CPS-312	3.0000	Jeen	A versatile emollient used in skincare, suncare, decorative cosmetics, haircare, and Deodorants/Anti-Perspirants. Jeesilc CPS-312 reduces tackiness upon application and aids in quick drying. In stick applications, Jeesilc CPS-312 improves glide, prevents staining and aids in absorption without being occlusive.	
	Cyclopentasiloxane, Cyclohexasiloxane				
D	JEECHEM® TN	3.0000	Jeen		
	C12-15 Alkyl Benzoate				
D	MACADAMIA NUT OIL	1.0000	Jeen		
	Macadamia Ternifolia Seed Oil				
E	Dha	2.0000	EMD		
	Dihydroxyacetone				
E	Deionized Water	36.650			
	Deionized Water				
F	JEECID® CAP-2	1.0000	Jeen	Jeecide® CAP-2 is a broad spectrum preservative system. Use at 0.5-1.5% in any emulsion for complete microbial protection. Paraben-Free, Formaldehyde Donor-Free, and Globally Compliant. Stable at pH 3-10.	
	Caprylyl Glycol, Phenoxyethanol, Hexylene Glycol				
G	Citric Acid 10% Solution				
	Citric Acid, Deionized Water				
100.0000 %					

Procedure	Product Specifications
1 Add Phase A water to the main tank.	Appearance 1/1/2012
2 Add Veegum Ultra and Phase B to the main tank while prop mixing.	pH 5.5-6.2
3 Homogenize Phase AB. Blend for 5 minutes using Silverson @ 3600 RPM.	Stability @ RT/45C° / FT 1/1/2012
4 Switch back to prop mix and sprinkle in phase C to Phase AB.	Start Date
5 After Phase ABC begins to gel, add Phase D items in order while prop mixing.	Stability @ RT/45C° / FT 5.5-6.2
6 Homgenize phase ABCD for two minutes using Silverson @ 3600 RPM.	End Date
7 Switch to prop mxing and add in order Phase E/F and mix until uniform.	

8 Adjust final batch pH to 5.5-6.2 using citric acid.	Viscosity 100,445 cps @ 0.3rpm w/Spindle #64 Using a Brookfield LV Machine.
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