



KFL-258

Quick Break Release Inside or Out Daily Face Cream

%	INGREDIENT	INCI NAME	SUPPLIER
Part 1			
7.00	Xiameter PMX-200 Silicone Fluid 50CS	Dimethicone	Dow Chemical
5.50	KSG-210	Dimethicone (and) Dimethicone/PEG-10/15 Crosspolymer	Shin-Etsu
0.85	KF-6038	Lauryl PEG-9 Polydimethylsiloxethyl Dimethicone	Shin-Etsu
Part 2			
8.60	TNP45TELR	Titanium Dioxide (And) C12-15 Alkyl Benzoate (And) Stearic Acid (And) Silica (And) Alumina (And) Polyhydroxystearic Acid (And) Iron Oxides (CI 77491)	Kobo Products
5.75	TRIVENT PE-48	Pentaerythritol Tetraoctanoate	Alzo International
1.00	ZNO XZ-1153L	Zinc Oxide (And) Triethoxycaprylylsilane	Kobo Products
0.30	SOLSPERSE 21,000	Polyhydroxystearic Acid	Lubrizol
Part 3			
59.26	Deionized Water	Water	
3.00	GLYCERIN U.S.P. F.C.C. 96%	Glycerin	P&G Chemicals
0.50	RITAMECTANT PCA	Sodium PCA	Rita Corporation
0.50	INULIN-SC	Inulin	Nippon/Kobo Products
0.40	NaCl	Sodium Chloride	Morton Salt
0.08	Citric Acid	Citric Acid	Jungbunzlauer
0.08	Trisodium Citrate Dihydrate	Sodium Citrate	Jungbunzlauer
0.08	Dermofeel PA-3	Sodium Phytate	Dr. Straetmans/Evonik
Part 4			
3.50	Zemea	Propanediol	Du Pont, Tate & Lyle
0.50	SymDiol® 68	1,2-Hexanediol (And) Caprylyl Glycol	Symrise
0.40	Symsave® H	Hydroxyacetophenone	Symrise
Part 5			
2.70	MSS-500/20N	Silica	Kobo Products
100.00			

Description:

This highly whipped cream is enriched with Zinc, Inulin and HEV protection. It quick-breaks to release a burst of moisture; continue rubbing to provide a uniform veil of dimethicone (which can be classified as an OTC skin protectant) and HEV protection. TNP45TELR provides the HEV protection with a slight tint of pink. ZNO XZ-1153L provides the promotional zinc. INULIN-SC provides skin moisturization. MSS-500/20N provides nice slip (after the water break) for uniform application of dimethicone and HEV protection.

Manufacturing Procedure:

1. In main vessel, pre-mix Part 1 with fast speed propeller mixing.
2. In a side kettle, combine Part 2 with fast speed homogenization until phase is completely smooth. Then add to Part 1 with propeller mixing.
3. Pre-mix Part 3 and Part 4 (separately) until each phase is clear and uniform. Add Part 4 to Part 3 and mix well.
4. With fast speed propeller mixing, very slowly and uniformly, add Parts 3 and 4 into Parts 1 and 2. Make sure there is a vortex when mixing so batch is completely uniform.
5. Sprinkle in Part 5 with fast speed propeller mixing. Fast mix while side sweeping until the viscosity of the batch reaches 80,000 cps (TC @ 5 rpm).



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