


Title: Upcycled Beauty Kit : Luminizing Defense Cream

Formulation #: KL5-64/5

A luxurious cream to use any time of day or night for an instant glow and Mother Nature's building blocks to defend and counter environmental aggressors. The third product in our three piece Upcycled Beauty Kit, more information can be found at www.renmatix.com/upcycledbeauty

Feature	Product Type	Product Function	Method
	Cream	Moisturization, Defense	Hot process

Key Ingredients

Trade Name	INCI Name	Wt%
Phase A		
Deionized Water	Water	49.90
Zemea® (DuPont Tate & Lyle)	Propanediol	5.00
Glycerin (Various)	Glycerin	3.00
Keltrol® CG-T (CP Kelco)	Xanthan Gum	0.40
Neodefend® (LotionCrafter)	Gluconolactone (and) Sodium Benzoate	1.50
Potassium Sorbate (Various)	Potassium Sorbate	0.10
Dermofeel® PA-12 (Evonik)	Sodium Phytate	0.10
Distinctive® Emulipid LB (Vantage)	Hydrogenated Lecithin (and) Behenyl Alcohol (and) Palmitic Acid	1.50
Celltice® WM (Renmatix)	Water (and) Acer Rubrum Extract (and) Glycerin	7.50
Phase B		
Safflower Oil (Various)	Carthamus Tictorius (Safflower) Seed Oil	10.00
Castor Oil (Various)	Ricinus Communis (Castor) Seed Oil	5.00
Shebu Oil Refined (Rita Corp)	Butyrospermum Parkii (Shea) Oil	5.00

Vegelight 1214LC (Grant)	Coconut Alkanes (and) Coco-Caprylate/Caprates	4.00
Marula Oil (Various)	Sclerocarya Birrea (Marula) Oil	1.00
Macadamia Nut Oil (Various)	Macadamia Ternifolia Seed Oil	2.00
NatraSil (Lotioncrafter)	Hydrogenated Ethylhexyl Oliviate, Hydrogenated Olive Oil Unsaponifiables	2.00
Phase C		
Sodium Hyaluronate (Various)	Water and Glycerin and Sodium Hyaluronate	2.00
Cosmetic Bioglitter (Rose Pink or Frost)	Rayon (and) Glycerin (and) Aqua (and) Urea (and) Shellac (and) Synthetic Fluorophlogopite (and) Titanium Dioxide (and) Tin Oxide	0.50
Amigel SM-2 (Alben Muller)	Sclerotium Gum	1.00

Instructions:

1. In main vessel add Deionized Water. Dissolve Glycerin, Propanediol, Dermofeel PA-12 and Neodefend. With rapid mixing disperse Keltrol CG-T. Mix until uniform.
2. Heat to 60-65 C add Emulipid LB. Mix for 20-30 minutes. Cool to 40 C.
3. With rapid mixing add Celltice.
4. Prepare Oil Phase (o) phase by combining all ingredients in secondary vessel. Heat to 60-80C until completely dissolved and uniform. Remove from heat.
5. Add remaining oil phase ingredients. Mix until uniform.
6. Add oil to cold water. Immediately homogenize until uniform. Add Sodium Hyaluronate and Bioglitter Frost. Mix until uniform, add Amigel SM-2 quile mixing . Mix until uniform. QS if needed. Homogenize.

pH: 4.04

Viscosity: 85763 cps

**Brookfield LVDVII+ TF @ 6 rpm 1 min. Helipath on.*

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