

Daily Moisturizer

Formula KFL-005D

Kobo Products - formulations

Part	Percent	Ingredients	INCI Name	Supplier
1	50.29	Deionized Water	Water	
	10.00	Glycerin U.S.P. Natural 96%	Glycerin	Univar USA Inc.
	1.00	BPA-500	Polymethyl Methacrylate	Kobo Products
	1.00	SP-10	Nylon-12	Toray/Kobo Products
	0.70	LUCENTITE SWN	Lithium Magnesium Sodium Silicate	Kobo Products
	0.15	Keltrol® CG	Xanthan Gum	CP Kelco
	0.10	Disodium EDTA	Disodium EDTA	American Int'l.
2	7.50	Parsol MCX	Ethylhexyl Methoxycinnamate	Roche
	5.00	SF1256	Cyclopentasiloxane (And) Cyclohexasiloxane	Momentive/Kobo Products
	4.00	Lipomulse® 165	Glyceryl Stearate (And) PEG-100 Stearate	Lipo Chemicals
	4.00	Crodamol ICS	Isocetyl Stearate	Croda
	2.00	RITA SA	Stearyl Alcohol	RITA Corp.
	1.00	Stearic Acid	Stearic Acid	Lipo Chemicals
	0.75	Cetearyl Alcohol 50/50	Cetearyl Alcohol	RITA Corp.
3	2.00	Deionized Water	Water	
	0.25	TEAlan 99%	TriethanolAmine	RITA Corp.
4	5.50	CM3K40T4	Cyclopentasiloxane (And) Titanium Dioxide (And) PEG-10 Dimethicone (And) Alumina (And) Methicone	Kobo Products
5	1.25	Phenonip®	Phenoxyethanol (And) Methylparaben (And) Ethylparaben (And) Propylparaben (And) Butylparaben	Clariant
6	1.00	SK-45-R	Polymethyl Methacrylate (And) Mica (And) Titanium Dioxide	Kobo Products
	1.00	AC DRF 25%	Saccharomyces Lysate Extract	Active Concepts
	1.00	RITAloë 1X	Aloe Barbadensis Juice	RITA Corp.
	0.50	Sodium Hyaluronate 1% Solution	Sodium Hyaluronate	Taos Inc.
	0.01	D&C Red 33 (W 083) 1 % Solution	Red 33	LCW

100

Manufacturing Procedure

Use explosion-proof mixers and equipment during batching process

- Charge water to main tank and begin mixing with propeller agitation.
- Add Disodium EDTA and Lucentite. Continue mixing.
- Pre-blend Glycerin and Keltrol. Add to main tank and continue mixing. Begin heating to 75-78°C.
- Add the powders and stir for 15 minutes.
- Combine Part 2 in side container and heat to 78-82°C. Mix with propeller agitation to insure uniformity.
- When both Part 1 and Part 2 have reached temperature, charge Part 2 into Part 1.
- Continue mixing with propeller agitation for 15 minutes maintaining temperature.
- Begin cooling. Combine Part 3 in side container and mix until solution is clear.
- When batch temperature has cooled to 65°C, add TEA. Batch will slightly thicken.
- When batch temperature has cooled to 60°C, switch mixing to homogenization.
- Charge TiO2 Dispersion into batch and mix for 15 minutes. Continue cooling. Add preservative to batch and continue homogenization.
- When batch temperature is at or below 50°C, charge remaining ingredients and continue to homogenize for 10 minutes. Switch to side sweep agitation for remainder of cool down.

Description

A moisturizer to be used daily containing Kobo's Titanium Dioxide Dispersion, CM3K40T4, which provides SPF. Kobo's BPA-500 and SP-10 create a natural blurring effect on the skin that minimizes the look of lines and wrinkles and illuminates the skin. SK-45-R is a "muted" pearl that gives a subtle radiance to the skin. Lucentite SWN is a gellant for the water to aid in stability. SF1256 is a combination of silicones to give the right slip and playtime during application.

Notes

Active Ingredient(s)	Percentage
Titanium Dioxide	1.80%
Ethylhexyl Methoxycinnamate	7.50%

Kobo Products, Inc.

3474 South Clinton Avenue, South Plainfield, NJ 07080 - USA
tel: +1 - 908-757-0033 fax: +1 - 908-757-0905 info@koboproductsinc.com

KOBO

www.koboproducts.com

July, 2008

Formulations

Product formulations are included as illustrative examples only. Kobo Products Inc. makes no representation or warranty concerning the efficacy or safety of any product manufactured using such formulations. All statements concerning the possible use of Kobo Products Inc. are for research purposes only. Responsibility for the performance or adequate testing of any product prior to sale or use of any such product lies with the manufacturer thereof.

Use of Products

Products sold by Kobo are designed, manufactured and sold for industrial use only. Prior to use of any such product for any application other than an industrial use, the user has the sole responsibility and obligation to determine the suitability of any such product for any such application.

Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

Limitation of Liability

Kobo Products Inc. shall in no event, whether the claim is based on warranty, contract, tort, strict liability, negligence or otherwise, be liable for incidental or consequential damages, or for any other damages in excess of the amount of the purchase price.

The Powder & Dispersion Specialist

KOBO
www.koboproducts.com

Kobo Products, Inc.

3474 South Clinton Avenue
South Plainfield, NJ 07080 - USA
tel : +1 - 908-757-0033
fax : +1 - 908-757-0905

Kobo Products SAS

Rue Buissonnière. BP 67660
31676 Labege Cedex - FRANCE
tel : +33 - (0)5-62-88-77-40
fax : +33 - (0)5-62-88-77-49