

# Natural

## Mineral & Plant-Derived Ingredients

### Global Program



Consumers are paying more attention today to ingredients in cosmetics, and an increasing number prefer natural products because they perceive them as safer and of higher quality. Numerous Natural personal care products are available with more products incorporating natural ingredients in their formulas.

However, the absence of a universal definition for what constitutes a natural ingredient or a natural formula creates ingredient selection challenges for formulators. Several organizations have created their own definitions to meet specific needs.

*Kobo Products offers a wide range of ingredients of natural origin, mineral or plant-based in particular. We have chosen to certify many of them with ECOCERT/COSMOS, as shown in the tables below.*

## Surface Treatments

### NJE Treatment (Jojoba Ester)

*Kobo patented hydrophobic treatment made with long chain Jojoba esters; NJE treated pigments and powders show good pressability; formulas have a creamy feel and strong affinity to the skin.*



### ASG Treatment (Stearoyl Glutamic Acid)

*An amino acid treatment that renders powders hydrophobic and aids in full color development. Imparts a moist feeling on the skin; a creamy feel with good skin adhesion can be expected in powder formulas.*

Name	INCI Name
BTD-NJE2 <b>CE</b>	Titanium Dioxide (And) Jojoba Esters
RBTD-671-NJE2 <b>CE</b>	Titanium Dioxide (And) Jojoba Esters
BBO-NJE2 <b>CE</b>	Iron Oxides (CI 77499) (And) Jojoba Esters
BRO-NJE2 <b>CE</b>	Iron Oxides (CI 77491) (And) Jojoba Esters
BYO-NJE3 <b>CE</b>	Iron Oxides (CI 77492) (And) Jojoba Esters
BEUB-NJE3 <b>CE</b>	Ultramarines (And) Jojoba Ester
GMS-NJE3	Mica (And) Jojoba Esters
KoboMica L-27-NJE2	Mica (And) Jojoba Esters
TALC N-NJE2	Talc (And) Jojoba Esters

Name	INCI Name
BTD-ASG2 <b>CEP</b>	Titanium Dioxide (And) Stearoyl Glutamic Acid
BBO-ASG3 <b>CEP</b>	Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid
BRO-ASG3 <b>CEP</b>	Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid
BYO-ASG3 <b>CEP</b>	Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid
<b>New</b> BGCO-ASG4	Chromium Oxide Greens (And) Stearoyl Glutamic Acid
<b>New</b> BMV-ASG4	Manganese Violet (CI 77742) (And) Stearoyl Glutamic Acid
GMS-ASG3	Mica (And) Stearoyl Glutamic Acid
MICA S-ASG3	Mica (And) Stearoyl Glutamic Acid
<b>New</b> TALC N-ASG4	Talc (And) Stearoyl Glutamic Acid

Patent # US 8623386 B2 - NJE Treatment Thereof, Natural ester, wax or oil treated pigment, process for production thereof, and cosmetic made therewith

## Pigmentary Dispersions

*Pigmentary grade Iron Oxides and Titanium Dioxide dispersed in natural oils for full color development and ease of use.*

	INCI Name
<b>New</b> GCG50TRSG	Iron Oxides (CI 77491) (And) Caprylic/Capric Triglyceride (And) Polyglyceryl-3 Diisostearate (And) Stearoyl Glutamic Acid
<b>New</b> GCG50TYSG	Iron Oxides (CI 77492) (And) Caprylic/Capric Triglyceride (And) Polyglyceryl-3 Diisostearate (And) Stearoyl Glutamic Acid
OD75CJE <b>CE</b>	Titanium Dioxide (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin
OD75BJE <b>CE</b>	Iron Oxides (CI 77499) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin
OD75RJE <b>CE</b>	Iron Oxides (CI 77491) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin
OD55YJE <b>CE</b>	Iron Oxides (CI 77492) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin



**KOBO**

USA - New Jersey  
+1 (908) 757-0033

FRANCE - Labege  
+33 (0)5-62-88-77-40

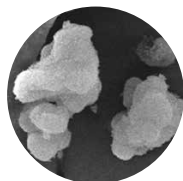
BRASIL - São Paulo  
+55 (11) 5062-0634

## Microspheres

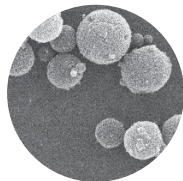
Due to their optical blurring properties these naturally derived spherical powders diminish the look of fine lines on the skin while enhancing the feel of your product.

### Mineral Microspheres

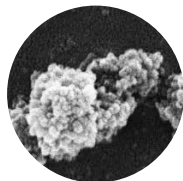
Microspheres made of silica or calcium silicate, ranging in size from 3 to 30 microns. Most present a high oil absorption capacity (except MSS-500/3N and MSS-500/20N) which contribute to oil and sebum control on the skin.



FLORITE PS-10



MSS-500/3H



SILICA SHELLS

Name	INCI Name
FLORITE PS-10	Calcium Silicate
FLORITE R	
MSS-500	
MSS-500/20N	Silica
MSS-500/3	
MSS-500/3H	
MSS-500/3N	
MSS-500/H	
MSS-500/N	
MSS-500W	
SILICA SHELLS	

### Treated Microsphere

Cellulose microsphere treated with Hydrogenated Lecithin; offers a creamy texture, moisturizing feel and excellent affinity to the skin. It is hydrophobic, ideal for use in powders and mineral makeup, and can also be used in emulsions.

Name	INCI Name
CELLULOBEADS D-10-PC2	Cellulose (And) Hydrogenated Lecithin

### Microsphere Complex

Powder complex made only of minerals and natural ingredients, using no plastic particles; the ingredients of this complex have complimentary refractive indexes and scatter light in a wide range of formulas.

Name	INCI Name
KoboBlur™ 100 Natural	Silica (And) Cellulose (And) Mica (And) Barium Sulfate (And) Titanium Dioxide (And) Jojoba Esters

## Sunscreen Technologies

### Micronized TiO<sub>2</sub> & ZnO Dispersions & Powders

Surface treated titanium dioxide and zinc oxide available as powders or dispersed in natural vehicles, for better control of UV-attenuation efficacy and formulation ease.

Name	INCI Name
<b>Powders</b>	
MT-500B-NJE5	Titanium Dioxide (And) Jojoba Esters
ZnO-750-ASG5	Zinc Oxide (And) Stearoyl Glutamic Acid
ZnO-750-NJE7	Zinc Oxide (And) Jojoba Esters
<b>Dispersions</b>	
CO55MZJ	Zinc Oxide (And) Ricinus Communis (Castor) Seed Oil (And) Jojoba Esters
GCO45TV	Titanium Dioxide (And) Caprylic/Capric Triglyceride (And) Sorbitan Oliviate (And) Stearic Acid (And) Aluminum Hydroxide
GCO50XZJ	Zinc Oxide (And) Caprylic/Capric Triglyceride (And) Sorbitan Oliviate (And) Jojoba Esters
GCP55TJ	Titanium Dioxide (And) Caprylic/Capric Triglyceride (And) Jojoba Esters (And) Polyhydroxystearic Acid
GCP45XZJ	Caprylic/Capric Triglyceride (And) Zinc Oxide (And) Polyhydroxystearic Acid (And) Jojoba Esters
GCQP55T5S	Caprylic/Capric Triglyceride (And) Titanium Dioxide (And) Stearic Acid (And) Aluminum Hydroxide (And) Polyhydroxystearic Acid



Name	INCI Name
<b>Dispersions</b>	
JOSP40TIS	Simmondsia Chinensis (Jojoba) Seed Oil (And) Titanium Dioxide (And) Aluminum Hydroxide (And) Isostearic Acid (And) Polyhydroxystearic Acid
JOSP50TJE	Simmondsia Chinensis (Jojoba) Seed Oil (And) Titanium Dioxide (And) Aluminum Hydroxide (And) Jojoba Esters (And) Polyhydroxystearic Acid
JOSP55XZJ	Zinc Oxide (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Polyhydroxystearic Acid (And) Jojoba Esters
SO60MZJ	Zinc Oxide (And) Helianthus Annuus (Sunflower) Seed Oil (And) Jojoba Esters

Patent # US 8623386 B2 - NJE Treatment Thereof, Natural ester, wax or oil treated pigment, process for production thereof, and cosmetic made therewith

# Sunscreen Technologies

## TiO<sub>2</sub> & ZnO Dispersions & Powders

Surface treated titanium dioxide and zinc oxide available as powders or dispersed in natural vehicles to help formulators develop sunscreen products with high efficacy without nanoparticles.



Name	INCI Name
<b>Powders</b>	
<b>New</b> A10-TiO <sub>2</sub> -SA-ASG8	Titanium Dioxide (And) Aluminum Hydroxide (And) Stearoyl Glutamic Acid (And) Hydrated Silica
<b>New</b> A15-TiO <sub>2</sub> -S-NJE10	Titanium Dioxide (And) Hydrated Silica (And) Jojoba Esters
TTO-NJE8 <b>CE</b>	Titanium Dioxide (And) Alumina (And) Jojoba Esters
ZnO-C <b>CE</b>	Zinc Oxide
ZnO-C-ASG3J	Zinc Oxide (And) Stearoyl Glutamic Acid
ZnO-C-NJE3 <b>CE</b>	Zinc Oxide (And) Jojoba Esters
<b>Dispersions</b>	
GC70MZCJ-G <b>CE</b>	Zinc Oxide (And) Caprylic/Capric Triglyceride (And) Jojoba Esters (And) Glyceryl Behenate/Eicosadioate
<b>New</b> GC70MZCSG <b>C</b>	Zinc Oxide (And) Caprylic/Capric Triglyceride (And) Stearoyl Glutamic Acid (And) Glyceryl Behenate/Eicosadioate
JOP80MZCJ <b>CE</b>	Zinc Oxide (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Polyhydroxystearic Acid (And) Jojoba Esters

## SPF Booster

Mixture containing a proprietary ratio of natural anti-oxidant, anti-irritant and anti-inflammatory agents; achieves greater than 30% increase in SPF and PFA results when used in conjunction with UV filters.

Name	INCI Name
SunBoost ATB™ Natural <b>E</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol

## IR Blocker

Amino acid-coated, large size titanium dioxides which showed a great capacity to block IR-A when tested both in vitro and in vivo.

Name	INCI Name
<b>New</b> TiO <sub>2</sub> -IR300-ASG3	Titanium Dioxide (And) Stearoyl Glutamic Acid
<b>New</b> A1K-TiO <sub>2</sub> -ASG3	Titanium Dioxide (And) Aluminum Hydroxide (And) Stearoyl Glutamic Acid

# Specialties

## Fibers (Mascara)

Provides length and/or volume.

Name	INCI Name
CELL-U-LASH™ 40	Cellulose
CELL-U-LASH™ 90	
CELL-U-LASH™ 150	

## Fillers

Fine powders of plant or mineral origin.

Name	INCI Name
TALC AJM	Talc
KoboTalc EX-15	
KoboTalc CT-250	
KoboMica Y-08	Mica
KoboMica L-24	
KoboMica S-25	
KoboMica L-27	
KoboMica L-50	

## Scrubbing Beads

Natural spherical beads that are used primarily for exfoliation.

Name	INCI Name
Ws-CWUMM	Copernicia Cerifera (Carnauba) Wax (And) Ultramarines

## Pigment

Provides deep, black shade. Primarily used in mascara.

Name	INCI Name
BLACK NF <b>CE</b>	Iron Oxides (CI 77499)

**CEP** Raw material approved by Ecocert in accordance with the Cosmos and Ecocert Standards (w/ petrochemical)



**C** Raw material approved by Ecocert in accordance with the Cosmos Standard



**CE** Raw material approved by Ecocert in accordance with the Cosmos and Ecocert Standards



**E** Raw material approved by Ecocert in accordance with the Ecocert Standard



**KOBO**

Ingredients of Natural Origin

www.koboproducts.com



## KLF-236 Natural Stick Foundation

### Part 1

● Protachem™ CTG - Protameen: <i>Caprylic/Capric Triglyceride</i>	27.17%
● CASTOR OIL - Arista Industries, Inc.: <i>Ricinus Communis (Castor) Seed Oil</i>	12.00%
● JOS10M5 - Kobo Products: <i>Simmondsia Chinensis (Jojoba) Seed Oil (And) Silica</i>	9.00%
● Beeswax White Sp 422P - Strahl & Pitsch: <i>Beeswax</i>	3.00%
● Candelilla Wax SP-75 - Strahl & Pitsch: <i>Euphorbia Cerifera (Candelilla) Wax</i>	3.00%
● Florasun® 90 - BASF: <i>Helianthus Annuus (Sunflower) Seed Oil</i>	3.00%
● Shea Butter - BASF: <i>Shea Butter</i>	3.00%
● Carnauba Wax SP 63P - Strahl & Pitsch: <i>Copernicia Cerifera (Carnauba) Wax</i>	2.00%
● MAKIGREEN OO - Daito/Kobo Products: <i>Vegetable Oil</i>	2.00%
● DL-Alpha Tocopheryl Acetate - DSM: <i>Tocopheryl Acetate</i>	0.50%
● Lexgard® Natural - Inolex: <i>Glyceryl Caprylate (And) Glyceryl Undecylenate</i>	0.50%

### Part 2

● TALC AJM - Kobo Products: <i>Talc</i>	11.50%
● MSS-500W - Kobo Products: <i>Silica</i>	10.00%
● BTD-ASG2 - Kobo Products: <i>Titanium Dioxide (And) Stearoyl Glutamic Acid</i>	8.35%
● MSS-500/3H - Kobo Products: <i>Silica</i>	2.00%

● BYO-ASG3 - Kobo Products: <i>Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid</i>	1.94%
● BBO-ASG3 - Kobo Products: <i>Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid</i>	0.62%
● BRO-ASG3 - Kobo Products: <i>Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid</i>	0.42%

### Manufacturing Procedure

1. In blender, add Part 2 and blend until color is developed.
2. In main beaker, add Part 1 and heat to 80°C.
3. Slowly add Part 2 to Part 1 and mix under propeller until fully uniform.
4. Pour into stick component at 70-75°C.

### Description

This natural foundation stick features Kobo's **ASG treated pigments** to help offer good adhesion of color onto the skin as well as giving it a creamy feel. Fumed Silica, JOS10M5 helps with the structure and emolliency. **MAKIGREEN OO**, a light, non-greasy emollient offers conditioning properties to the formula. **TALC AJM** is used as a filler and helps with coverage. **MSS-500W** helps with soft focus. **MSS-500/3H** is added for better pigment pay off and non-oily feel.



## KSL-330B Water-Less, Natural Sunscreen



### Part 1

● JOJOBA OIL - Vantage: <i>Simmondsia Chinensis (Jojoba) Seed Oil</i>	20.80%
● Protachem™ CTG - Protameen: <i>Caprylic/Capric Triglyceride</i>	10.00%
● JOS10M5 - Kobo Products: <i>Simmondsia Chinensis (Jojoba) Seed Oil (And) Silica</i>	5.00%
● Liponate® IPM - Vantage: <i>Isopropyl Myristate</i>	5.00%
● SunBoost ATB™ Natural - Kobo Products: <i>Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol</i>	5.00%
● Lanette O - Cognis: <i>Cetearyl Alcohol</i>	3.50%
● Glycerin U.S.P. F.C.C. 96% - Ruger Chemical Co., Inc.: <i>Glycerin</i>	3.00%
● Shea Butter - Cognis Corp.: <i>Shea Butter</i>	2.00%
● MANGO BUTTER - RITA Corp.: <i>Mangifera Indica (Mango) Seed Butter</i>	1.50%
● Dermofat 4919 - Alzo Chemical: <i>Stearic Acid</i>	1.00%

### Part 2

● GCP55TJ - Kobo Products: <i>Titanium Dioxide (And) Caprylic/Capric Triglyceride (And) Jojoba Esters (And) Polyhydroxystearic Acid</i>	23.00%
● GCO50XZJ - Kobo Products: <i>Zinc Oxide (And) Caprylic/Capric Triglyceride (And) Sorbitan Oliviate (And) Jojoba Esters</i>	12.00%

### Part 3

● CELLULOBEADS D-10 - Daito: <i>Cellulose</i>	6.50%
● Lexgard® E - Inolex Chemical Company: <i>Ethylhexylglycerin</i>	1.00%
● FLORITE PS-10 - Tomita/Kobo Products: <i>Calcium Silicate</i>	0.70%

### Manufacturing Procedure

1. In main beaker add Part 1 and heat until waxes are melted.
2. Add Part 2 to Part 1 and mix until uniform.
3. Start cooling and add Part 3.

### Description

This natural anhydrous sunscreen showcases a Korean trend of Water-Free formulas and uses natural oils as the base. This Water-Less formula features JOS10M5 Kobo's Fumed Silica Gellant in Jojoba Oil, which helps give structure and emolliency. Titanium Oxide and Zinc Oxide dispersions, **GCP55TJ** and **GCO50XZJ** give the formula SPF protection. It also features **SunBoost ATB™ Natural**, which contains a proprietary ratio of anti-oxidant, anti-irritant, and anti-inflammatory agents, leaving a moisturizing feel to the skin. Microspheres, **FLORITE PS-10** help absorb oil, give soft focus and enhance the feel.