

# Natural

## Mineral & Plant-Derived Ingredients

### Latin America 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. Kobo defines natural origin products as ingredients that are naturally derived which are likely to have undergone chemical or mechanical processing to make them commercially viable ingredients. We have chosen to certify many of them with ECOCERT/COSMOS, as shown in the tables below.*

## Surface Treatments

### NJE Treatment (Natural Jojoba Esters)

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.



Name	INCI Name
BTD-NJE2	Titanium Dioxide (And) Jojoba Esters
RBTD-671-NJE2	Titanium Dioxide (And) Jojoba Esters
BBO-NJE2	Iron Oxides (CI 77499) (And) Jojoba Esters
BRO-NJE2	Iron Oxides (CI 77491) (And) Jojoba Esters
BYO-NJE3	Iron Oxides (CI 77492) (And) Jojoba Esters
BEUB-NJE3	Ultramarines (And) Jojoba Ester
SERICITE FSL-NJE5	Mica (And) Jojoba Esters
GMS-NJE3	Mica (And) Jojoba Esters
KoboMica L-27-NJE2	Mica (And) Jojoba Esters
TALC N-NJE2	Talc (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

### NOE Treatment (Natural Olive Esters)

Natural (NOE) Treatment, using Hydrogenated Olive Oil Stearyl Esters. Hydrophobic, stable treatment, with low odor, imparts color, coverage and spreadability to formulas. Improves pressability: powders can be pressed without additional binders.

Name	INCI Name
A15-TiO2-ST-NOE8	Titanium Dioxide (And) Hydrogenated Olive Oil Stearyl Esters (And) Aluminum Hydroxide
MZO-35-NOE7	Zinc Oxide (And) Hydrogenated Olive Oil Stearyl Esters
ZNO-C-NOE4	Zinc Oxide (And) Hydrogenated Olive Oil Stearyl Esters
BTD-NOE2	Titanium Dioxide (And) Hydrogenated Olive Oil Stearyl Esters
BBO-NOE4	Iron Oxides (CI 77499) (And) Hydrogenated Olive Oil Stearyl Esters
BRO-NOE4	Iron Oxides (CI 77491) (And) Hydrogenated Olive Oil Stearyl Esters
BYO-NOE4	Iron Oxides (CI 77492) (And) Hydrogenated Olive Oil Stearyl Esters
GMS-NOE4	Mica (And) Hydrogenated Olive Oil Stearyl Esters

### 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-ASG2	Titanium Dioxide (And) Stearoyl Glutamic Acid
BBO-ASG3	Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid
BRO-ASG3	Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid
BYO-ASG3	Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid
BGCO-ASG4	Chromium Oxide Greens (And) Stearoyl Glutamic Acid
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
TALC N-ASG4	Talc (And) Stearoyl Glutamic Acid

### MM Treatment (Magnesium Myristate)

This is a Natural, Vegetable-derived, Magnesium Myristate Treatment. It has Hydrophobic and Lipophilic properties, is almost odorless. It provides a creamy texture, excellent pressability and good adherence to the skin. It is recommended for use in hot pours and powders.

Name	INCI Name
BBO/MM3	Iron Oxides (CI 77499) (And) Magnesium Myristate
BRO/MM3	Iron Oxides (CI 77491) (And) Magnesium Myristate
BYO/MM3	Iron Oxides (CI 77492) (And) Magnesium Myristate
BTD/MM3	Titanium Dioxide (And) Magnesium Myristate
RBTD/MM3	Titanium Dioxide (And) Magnesium Myristate
BEUB/MM3	Ultramarines (And) Magnesium Myristate
BGCO/MM3	Chromium Oxide Greens (And) Magnesium Myristate
BHG/MM3	Chromium Hydroxide Green (And) Magnesium Myristate
BMV/MM3	Manganese Violet (And) Magnesium Myristate
BUO-JE/MM3	Iron Oxides (And) Talc (And) Magnesium Myristate
SERICITE FSL-MM3	Mica (And) Magnesium Myristate
GMS/MM3	Mica (And) Magnesium Myristate
MICA S/MM3	Mica (And) Magnesium Myristate
TALC 2000/MM3	Talc (And) Magnesium Myristate
TALC N/MM3	Talc (And) Magnesium Myristate

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## Pigmentary Dispersions

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

Name	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
<b>New</b> JOH45YJE <b>C</b>	Iron Oxides (CI 77492) (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Jojoba Esters (And) Polyglyceryl-6 Polyricinoleate (And) Silica
<b>New</b> JOH55BJE <b>C</b>	Iron Oxides (CI 77499) (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Jojoba Esters (And) Polyglyceryl-6 Polyricinoleate (And) Silica
<b>New</b> JOH55RJE <b>C</b>	Iron Oxides (CI 77491) (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Jojoba Esters (And) Polyglyceryl-6 Polyricinoleate (And) Silica
<b>New</b> JOH65UJE <b>C</b>	Titanium Dioxide (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Jojoba Esters (And) Polyglyceryl-6 Polyricinoleate (And) Silica



OD Dispersions



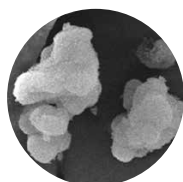
JOH Dispersions

## Microspheres

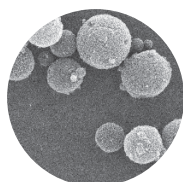
Due to their optical blurring properties these naturally derived spherical powders diminish the look of fine lines on the skin while enhancing the feel of your product.

### Mineral Microspheres

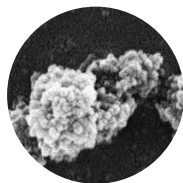
Microspheres made of silica or calcium silicate, ranging in size from 3 to 30 microns. Most present a high oil absorption capacity (except MSS-500/3N and MSS-500/20N) which contribute to oil and sebum control on the skin.



FLORITE PS-10



MSS-500/3H



SILICA SHELLS

Name	INCI Name
FLORITE PS-10	Calcium Silicate
FLORITE R	
MSS-500	
MSS-500/20N	
MSS-500/3	
MSS-500/3H	Silica
<b>New</b> MSS-500/5H	
MSS-500/3N	
MSS-500/H	
MSS-500/N	
MSS-500W <b>CE</b>	
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

## UV Attenuation TiO<sub>2</sub> and ZnO Powders

Titanium Dioxide (TiO<sub>2</sub>) and Zinc Oxide are mineral UV filters available in a range of particle sizes and varying optical properties. To improve dispersion in formulas and performance, Kobo offers TiO<sub>2</sub> and ZnO as powders treated with various inorganic and organic compounds, including natural treatments such as Stearoyl Glutamic Acid, Jojoba Esters or Stearic Acid. ZnO-C is a unique grade of Zinc Oxide, with a primary particle size of about 265 nm and a size distribution curve that is entirely above 100 nm when measured by image analysis. All Kobo Natural Mineral UV Filters are "Non-Nano", as measured in accordance with the last Nano guidance from Cosmetics Europe.

Name	INCI Name
<b>Titanium Dioxide</b>	
<b>A10-TiO2-SA-ASG8*</b>	Titanium Dioxide (And) Aluminum Hydroxide (And) Stearoyl Glutamic Acid (And) Hydrated Silica
<b>A10-TiO2-SA-NJE14*</b>	Titanium Dioxide (And) Aluminum Hydroxide (And) Hydrated Silica (And) Jojoba Esters
<b>A15-TiO2-SX-NJE8*</b>	Titanium Dioxide (And) Silica (And) Jojoba Esters
<b>A15-TiO2-ST-SA8*</b>	Titanium Dioxide (And) Aluminum Hydroxide (And) Stearic Acid
<b>TTO-NJE8*</b>	Titanium Dioxide (And) Alumina (And) Jojoba Esters
<b>MT-500B-NJE5*</b>	Titanium Dioxide (And) Jojoba Esters
<b>Zinc Oxide</b>	
<b>ZnO-750-NJE7*</b>	Zinc Oxide (And) Jojoba Esters
<b>ZNO-750-ASG5*</b>	Zinc Oxide (And) Stearoyl Glutamic Acid
<b>KOBO ZnO-B*</b>	Zinc Oxide
<b>ZnO-C</b>	Zinc Oxide
<b>ZnO-C-NJE3</b>	Zinc Oxide (And) Jojoba Esters
<b>ZnO-C-ASG3J</b>	Zinc Oxide (And) Stearoyl Glutamic Acid

## UV Attenuation TiO<sub>2</sub> and ZnO Dispersions

Highlighting Kobo's extensive pigment dispersion experience, surface treated Titanium Dioxide and Zinc Oxide are also available dispersed in natural carriers, for better control of UV attenuation efficacy and formulation ease.

Name	INCI Name
<b>Titanium Dioxide</b>	
<b>GCP45TV*</b>	Caprylic/Capric Triglyceride (And) Titanium Dioxide (And) Stearic Acid (And) Aluminum Hydroxide (And) Polyhydroxystearic Acid
<b>JOSP40TIS</b>	Simmondsia Chinensis (Jojoba) Seed Oil (And) Titanium Dioxide (And) Aluminum Hydroxide (And) Isostearic Acid (And) Polyhydroxystearic Acid
<b>JOSP50TJE*</b>	Simmondsia Chinensis (Jojoba) Seed Oil (And) Titanium Dioxide (And) Aluminum Hydroxide (And) Jojoba Esters (And) Polyhydroxystearic Acid
<b>Zinc Oxide</b>	
<b>GCP55ZSG*</b>	Zinc Oxide (And) Caprylic/Capric Triglyceride (And) Polyhydroxystearic Acid (And) Stearoyl Glutamic Acid
<b>GCP55MZ8SG*</b>	Zinc Oxide (And) Caprylic/Capric Triglyceride (And) Polyhydroxystearic Acid (And) Stearoyl Glutamic Acid
<b>NHP60MZ8SG*</b>	Zinc Oxide (And) C13-15 Alkane (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid

\* These products comply with conditions for Titanium Dioxide (Nano) or Zinc Oxide (Nano) as set forth in Annex VI to regulation (EC) No 1223/2009.

Patent: US 20110150792, WO 2010068687, CN 102246014B - Zinc oxide aqueous and non-aqueous dispersions  
 Patent: US 9949904B2 - Method of formulating zinc oxide powder blends for balanced UVA/UVB attenuation  
 Patent: US 20180235855A1, WO 2007048057A3 - Zinc oxide powder blends, their production and use  
 Patent: WO 2008067186, JP pending - UV protective cosmetic product incorporating titanium dioxide and transparent iron oxide

## UV Attenuation "Non-Nano" TiO<sub>2</sub> and ZnO Dispersions

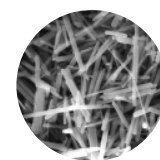
Kobo offers a range of Non-Nano Titanium Dioxide dispersions, where the particle sizes are greater than 100nm when measured by light scattering sizing, according to the last Nano Guidance from Cosmetics Europe. These dispersions have been designed to help formulators develop sunscreen products with high SPF/PFA and minimal whitening without nanoparticles.



Name	INCI Name
<b>Titanium Dioxide</b>	
<b>NHP55STS*</b>	Titanium Dioxide (And) C13-15 Alkane (And) Stearic Acid (And) Aluminum Hydroxide (And) Polyhydroxystearic Acid
<b>GCP55TJ*</b>	Titanium Dioxide (And) Caprylic/Capric Triglyceride (And) Jojoba Esters (And) Polyhydroxystearic Acid
<b>Zinc Oxide</b>	
<b>CO55MZJ*</b>	Zinc Oxide (And) Ricinus Communis (Castor) Seed Oil (And) Jojoba Esters
<b>SO60MZJ*</b>	Zinc Oxide (And) Helianthus Annuus (Sunflower) Seed Oil (And) Jojoba Esters
<b>GCP45XZJ*</b>	Caprylic/Capric Triglyceride (And) Zinc Oxide (And) Polyhydroxystearic Acid (And) Jojoba Esters
<b>JOSP55XZJ*</b>	Zinc Oxide (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Polyhydroxystearic Acid (And) Jojoba Esters
<b>GC70MZCJ-G</b>	Zinc Oxide (And) Caprylic/Capric Triglyceride (And) Jojoba Esters (And) Glyceryl Behenate/Eicosadioate
<b>GC70MZCSG</b>	Zinc Oxide (And) Caprylic/Capric Triglyceride (And) Stearoyl Glutamic Acid (And) Glyceryl Behenate/Eicosadioate
<b>JOP80MZCJ</b>	Zinc Oxide (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Polyhydroxystearic Acid (And) Jojoba Esters

## 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.



TiO<sub>2</sub>-IR300



A1K-TiO<sub>2</sub>

Name	INCI Name
<b>TiO2-IR300-ASG3</b>	Titanium Dioxide (And) Stearoyl Glutamic Acid
<b>A1K-TiO2-ASG3</b>	Titanium Dioxide (And) Aluminum Hydroxide (And) Stearoyl Glutamic Acid

Patent: WO 2018232379A1

Cosmetic composition using titanium dioxide particles for IR protection

## SPF & PFA Booster

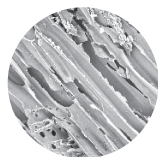
Mixture containing a proprietary ratio of natural anti-oxidant, anti-irritant and anti-inflammatory agents; achieves greater than 30% increase in SPF and PFA results when used in conjunction with UV filters.



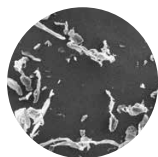
Name	INCI Name
<b>SunBoost ATB Natural</b>	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol



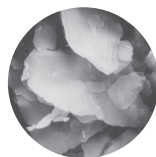
## Specialties



CHARCOAL POWDER



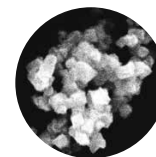
CELL-U-LASH™ 150



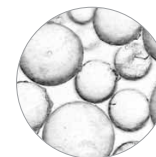
KoboMica S-25



CO15M5



BLACK NF



KoboScrub™ SD-200

## Active Ingredients

Name	INCI Name
INULIN-SC <b>C</b>	Inulin

## Charcoal

Absorbent Charcoal Powder gives absorbency properties to formulas.

Name	INCI Name
<b>New</b> CHARCOAL POWDER	Charcoal Powder

## Esters

Kobo offers a range of esters with high oxidative and heat stability and various viscosity, polarity and compatibility with oils and silicones. Plandool™ are plant derived esters, with a range of melting points, consistencies and refractive indexes. They provide moisture retention to skin care, make-up and hair care products, add gloss and have high pigment dispersion ability. LUSPLAN™ DD-DA7: Plant-derived lanolin oil replacement that can be used as base oil in a wide range of applications; adds gloss.

Name	INCI Name
<b>New</b> Technol SD (Non-GMO)	Phytosterols
COSMOL™ 182V	Sorbitan Sesquiossearate
COSMOL™ 43V	Polyglyceryl-2 Triisostearate
SALACOS® 334	Caprylic/Capric/Myristic/Stearic Triglyceride
SALACOS® HS-6C	Polyhydroxystearic Acid
<b>New</b> Plandool™-G	Bis-Behenyl/Isostearyl/Phytosteryl Dimer Dilinoleyl Dimer Dilinoleate
<b>New</b> Plandool™-H	Phytosteryl/Isostearyl/Cetyl/Stearyl/Behenyl Dimer Dilinoleate
<b>New</b> Plandool™-LG1	
<b>New</b> Plandool™-LG3	Phytosteryl/Behenyl/Octyldodecyl Lauroyl Glutamate
<b>New</b> Plandool™-LG4	
<b>New</b> Plandool™-LG2	Phytosteryl/Octyldodecyl Lauroyl Glutamate
<b>New</b> Plandool™-PM	Phytosteryl Macadamiate
<b>New</b> Plandool™-MAS	
<b>New</b> LUSPLAN™ DD-DA7 <b>E</b>	Dimer Dilinoleyl Dimer Dilinoleate

## Extracts

The product range offers extracts from plant origins ranging in various properties such as anti-aging, anti-wrinkle, moisturizing, etc.

Name	INCI Name
CosmeHerbest™ KIWI	Water (And) Propanediol (And) Actinidia Chinensis (Kiwi) Seed Extract
CosmeHerbest™ LITCHI	Water (And) Propanediol (And) Litchi Chinensis Seed Extract
CosmeHerbest™ NADESHIKO	Water (And) Propanediol (And) Dianthus Longicalyx Seed Extract
CosmeHerbest™ ORANGE	Water (And) Butylene Glycol (And) Citrus Unshiu Peel Extract
CosmeHerbest™ SAKURA	Water (And) Butylene Glycol (And) Prunus Lannesiana Flower Extract
CosmeHerbest™ SEABERRY	Water (And) Propanediol (And) Hippophae Rhamnoides Fruit Extract
CosmeHerbest™ STRAWBERRY	Water (And) Propanediol (And) Fragaria Ananassa (Strawberry) Seed Extract
CosmeHerbest™ YUZU	Water (And) Propanediol (And) Fragaria Ananassa (Strawberry) Seed Extract

## 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	
KoboMica Y-08	
KoboMica L-24	Mica
KoboMica S-25	
KoboMica L-27	
Sericite GMS-4C	

## Gellants

Fumed Silica dispersions are pre-dispersed high purity silica homogenized in a range of natural oils, silicone oils, or esters, which provide easily manageable and dust free gellants for oil phases and anhydrous formulas.

Ikeda NOMCORT® Gellants range in various properties such as thickener and stabilizer in water-in-oil preparations.

Name	INCI Name
<b>New</b> CO15M5	Ricinus Communis (Castor) Seed Oil (And) Silica
<b>New</b> JOS10M5	Simmondsia Chinensis (Jojoba) Seed Oil (And) Silica
NOMCORT® AG	Agar (And) Xanthan Gum
NOMCORT® CG	Xanthan Gum (And) Ceratonia Siliqua (Carob) Gum

## Pigment

Provides deep, black shade. Primarily used in mascara.

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

## Scrubbing Beads

Natural spherical beads that are used primarily for exfoliation.

Name	INCI Name
<b>New</b> KoboScrub™ SD-200	Silica

## Waxes

Used to stabilize and thicken emulsions; provides smooth, velvety skin feel.

Name	INCI Name
<b>New</b> VEGETABLE WAX-SS1 (Non-GMO)	Helianthus Annuus (Sunflower) Seed Wax (And) Phytosterols



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



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

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

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



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



KPW-033-BR

## Natural Powder-to-Glow

### Part 1

- **MICA S-PC** - Kobo Products: *Mica (And) Hydrogenated Lecithin* 55.00%
- **BTD-ASG2** - Kobo Products: *Titanium Dioxide (And) Stearoyl Glutamic Acid* 5.26%
- **CELLULOBEADS D-10-PC2** - Kobo Products: *Cellulose (And) Hydrogenated Lecithin* 5.00%
- **MSS-500W** - Kobo Products: *Silica* 2.00%
- **BYO-ASG3** - Kobo Products: *Iron Oxides (CI 77492) (And) Stearoyl Glutamic Acid* 1.04%
- **BRO-ASG3** - Kobo Products: *Iron Oxides (CI 77491) (And) Stearoyl Glutamic Acid* 0.49%
- **BBO-ASG3** - Kobo Products: *Iron Oxides (CI 77499) (And) Stearoyl Glutamic Acid* 0.21%

### Part 2

- **Lexgard® Natural** - Inolex: *Glyceryl Caprylate (And) Glyceryl Undecylenate* 1.00%

### Part 3

- **Deionized Water** - Water 11.00%

### Part 4

- **COSMOL™ 43V** - Ikeda/Kobo Products: *Polyglyceryl-2 Triisostearate* 7.50%
- **Tegosoft® CT** - Cosmotec: *Caprylic/Capric Triglycerides* 5.00%
- **Isolan® GI 34** - Cosmotec: *Polyglyceryl-4 Isostearate* 1.00%
- **Tecwax Carnauba T3** - Cosmotec: *Copernicia Cerifera (Carnauba) Wax* 0.50%

### Part 5

- **KTZ® EXTRAFINE GOLD** - Kobo Products: *Titanium Dioxide (And) Mica* 4.00%
- **K-RAY® DarkBrown** - Kobo Products: *Mica (And) Titanium Dioxide (And) Iron Oxides (CI 77499)* 1.00%

### Manufacturing Procedure

1. Combine Part 1 and mix well until fully dispersed.
2. Add Part 2 to Part 1 and mix well.
3. Heat Part 3 to 80-85°C.
4. Combine Part 4 and heat to 80-85°C.
5. Add Part 3 to Part 4 slowly and under stirring.
6. Cool to 25-30°C.
7. Add the emulsion (Parts 3 and 4) to Parts 1 and 2, drop by drop, and mix well until fully dispersed.
8. Add Part 5 and mix well.

### Description

This Natural powder-to-cream formula leaves a radiant finish on the skin. It can be used on both face and body alone, under or over liquid foundation or mixed with moisturizing cream. It features **ASG treated pigments** coated with amino acid that provide a creamy feel to the formula. Kobo's Silica Microsphere **MSS-500W**, a wide distribution particle size spherical silica, is added to improve spreadability, slip and silkiness of the formula. **MICA S-PC** and **CELLULOBEADS D-10-PC2** are treated with Hydrogenated Lecithin which offers a creamy texture, moisturizing feel and excellent affinity to the skin. **COSMOL™ 43V** acts as a liquid binder to transform powder to cream. The combination of **KTZ® EXTRAFINE GOLD** and **K-RAY® DarkBrown** impart a bronze glow effect.



KMU-029A

## Natural Eyebrow Powder - Brown

### Part 1

- **GMS-NJE3** - Kobo Products: *Mica (And) Jojoba Esters* 58.50%
- **BBO-NJE2** - Kobo Products: *Iron Oxides (CI 77499) (And) Jojoba Esters* 12.00%
- **MSS-500/20N** - Kobo Products: *Silica* 10.00%
- **BRO-NJE2** - Kobo Products: *Iron Oxides (CI 77491) (And) Jojoba Esters* 6.50%
- **BYO-NJE3** - Kobo Products: *Iron Oxides (CI 77492) (And) Jojoba Esters* 4.00%
- **MAGNESIUM MYRISTATE** - Kobo Products: *Magnesium Myristate* 4.00%

### Part 2

- **SunBoost ATB Natural** - Kobo Products: *Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol* 5.00%

### Manufacturing Procedure

1. Combine Part 1 and blend until uniform.
2. Slowly add Part 2 to Part 1 and blend until uniform.
3. Press at 700psi.

### Description

This natural, dark brown brow powder seamlessly fills in sparse areas on eyebrows for a natural-appearing, fuller look. Kobo's **NJE treated pigments and filler** provide the dark brown shade and help the formula adhere to brows. **MSS-500/20N** enhances payoff and improves feel. **MAGNESIUM MYRISTATE** helps with pressability. **SunBoost ATB Natural** acts as the sole liquid binder while also providing conditioning properties to brows.

*Note: This formula may contain less than 5% of ingredients not listed on the NPA positive list.*

**KOBO**

*Ingredients of Natural Origin*

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KSL-421-BR

## Natural, Tinted Sunscreen with IR Protection



<b>Part 1</b>		<b>Part 3</b>	
● Deionized Water - Water	19.87%	● Lexgard® Natural - Inolex: <i>Glyceryl Caprylate (and) Glyceryl Undecylenate</i>	1.00%
● Glicerina Bi-Destilada U.S.P. - Synth: <i>Glycerin</i>	1.50%		
● Cloreto de Sódio - CAAL: <i>Sodium Chloride</i>	0.50%		
<b>Part 2</b>		<b>Part 4</b>	
● GC70MZCSG - Kobo Products: <i>Zinc Oxide (And) Caprylic/Capric Triglyceride (And) Stearoyl Glutamic Acid (And) Glyceryl Behenate/Eicosadioate</i>	22.00%	● MSS-500/3H - Kobo Products: <i>Silica</i>	1.70%
● Tegosoft® CT - Evonik: <i>Caprylic/Capric Triglyceride</i>	15.50%	● FLORITE PS-10 - Kobo Products: <i>Calcium Silicate</i>	0.80%
● JOSP50TJE - Kobo Products: <i>Simmondsia Chinensis (Jojoba) Seed Oil (And) Titanium Dioxide (And) Aluminum Hydroxide (And) Jojoba Esters (And) Polyhydroxystearic Acid</i>	15.00%		
● JOH45YJE - Kobo Products: <i>Iron Oxides (CI 77492) (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Jojoba Esters (And) Polyglyceryl-6 Polyricinoleate (And) Silica</i>	5.22%		
● TiO2-IR300-ASG3 - Kobo Products: <i>Titanium Dioxide (And) Stearoyl Glutamic Acid</i>	5.00%		
● Emulium® Illustro - Gattefossé/MCassab: <i>Polyglyceryl-6 Polyhydroxystearate (and) Polyglyceryl-6 Polyricinoleate</i>	3.50%		
● JOH65UJE - Kobo Products: <i>Titanium Dioxide (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Jojoba Esters (And) Polyglyceryl-6 Polyricinoleate (And) Silica</i>	2.71%		
● SunBoost ATB Natural - Kobo Products: <i>Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol</i>	2.00%		
● Olivem® 900 - Hallstar/Quantiq: <i>Sorbitan Oliviate</i>	1.50%		
● JOH55RJE - Kobo Products: <i>Iron Oxides (CI 77491) (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Jojoba Esters (And) Polyglyceryl-6 Polyricinoleate (And) Silica</i>	1.13%		
● Tecwax Abelha - Cosmotec: <i>Beeswax</i>	0.50%		
● JOH55BJE - Kobo Products: <i>Iron Oxides (CI 77499) (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Jojoba Esters (And) Polyglyceryl-6 Polyricinoleate (And) Silica</i>	0.47%		
● SALACOS® HS-6C - Ikeda/Kobo Products: <i>Polyhydroxystearic Acid</i>	0.10%		

### Manufacturing Procedure

1. Combine Part 1 and heat to 75°C.
2. Combine Part 2, mix until homogeneous and heat to 75°C.
3. Add Part 1 slowly and under stirring to Part 2 and mix until homogeneous.
4. Cool to 50°C and add Parts 3 and 4. Mix until homogeneous.
5. Cool to 25°C under stirring.

### Description

This Natural Tinted Sunscreen, composed of only mineral filters, was developed to protect skin from UVA, UVB and IR radiation. It features natural dispersions JOSP50TJE, TiO<sub>2</sub> in Jojoba Oil, and GC70MZCSG, ZnO in Caprylic/Capric Triglyceride to provide UVB and UVA protection. SunBoost ATB Natural is a proprietary ratio of antioxidant, anti-irritant and anti-inflammatory agents, that boosts SPF and PFA. TiO<sub>2</sub>-IR300-ASG3, Titanium Dioxide treated with amino acid, provides IR protection. Kobo's JOH Pigmentary Dispersions based on natural oils and dispersants, provide full color development and ease of use. SALACOS® HS-6C, helps in sunscreen dispersion. Calcium silicate microsphere FLORITE PS-10 and silica microsphere MSS-500/3H contribute to a non-oily after feel while MSS-500/3H also imparts creaminess.

### Active Ingredient(s)

Titanium Dioxide	5.85%
Zinc Oxide	14.96%

### Testing

SPF: in vivo on 3 subjects
UVA-PF: in vivo on 3 subjects

### Notes:

CW: 381nm; tested using ISO 24443:2012 methodology



KHP-026

## Natural Scalp Treatment with SunBoost ATB Natural

<b>Part 1</b>		<b>Description</b>	
● SILICA SHELLS - Kobo Products: <i>Silica</i>	15.00%	This natural scalp powder formula demonstrates SILICA SHELLS ability to absorb oil from the scalp. FLORITE PS-10 works together with SILICA SHELLS as an oil control agent. SunBoost ATB Natural gives the powder a very creamy and smooth feel, conditions hair and provides easy combing. SunBoost ATB Natural is a proprietary ratio of three skin conditioning agents, that contributes additional benefits with a blend of anti-irritant, soothing and anti-oxidative properties. This product, when applied to oily hair, combs through dirt and pollutants and nourishes the scalp.	
● FLORITE PS-10 - Tomita/Kobo Products: <i>Calcium Silicate</i>	15.00%		
<b>Part 2</b>			
● SunBoost ATB Natural - Kobo Products: <i>Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol</i>	70.00%		

### Manufacturing Procedure

1. Micropulverize Part 1 until homogeneous.
2. Slowly add Part 2 blending until homogeneous.

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*Ingredients of Natural Origin*
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