

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. 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 (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	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

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
BGC0-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

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

Magnesium Myristate Treatment (MM)

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
BGC0/MM3	Chromium Oxide Greens (And) Magnesium Myristate

Name	INCI Name
BHG/MM3	Chromium Hydroxide Green (And) Magnesium Myristate
BMV/MM3	Manganese Violet (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

KOBO

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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
New GCG50TRSG	Iron Oxides (CI 77491) (And) Caprylic/Capric Triglyceride (And) Polyglyceryl-3 Diisostearate (And) Stearoyl Glutamic Acid
New GCG50TYSG	Iron Oxides (CI 77492) (And) Caprylic/Capric Triglyceride (And) Polyglyceryl-3 Diisostearate (And) Stearoyl Glutamic Acid
OD75CJE CE	Titanium Dioxide (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin
OD75BJE CE	Iron Oxides (CI 77499) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin
OD75RJE CE	Iron Oxides (CI 77491) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin
OD55YJE CE	Iron Oxides (CI 77492) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin
New JOH45YJE	Iron Oxides (CI 77492) (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Jojoba Esters (And) Polyglyceryl-6 Polyricinoleate (And) Silica
New JOH55BJE	Iron Oxides (CI 77499) (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Jojoba Esters (And) Polyglyceryl-6 Polyricinoleate (And) Silica
New JOH55RJE	Iron Oxides (CI 77491) (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Jojoba Esters (And) Polyglyceryl-6 Polyricinoleate (And) Silica
New JOH65UJE	Titanium Dioxide (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Jojoba Esters (And) Polyglyceryl-6 Polyricinoleate (And) Silica

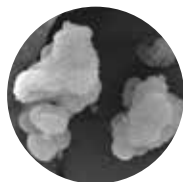


Microspheres

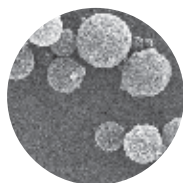
Due to their optical blurring properties these naturally derived spherical powders diminish the look of fine lines on the skin while enhancing the feel of your product.

Mineral Microspheres

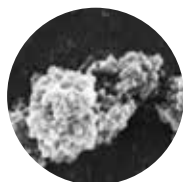
Microspheres made of silica or calcium silicate, ranging in size from 3 to 30 microns. Most present a high oil absorption capacity (except MSS-500/3N and MSS-500/20N) which contribute to oil and sebum control on the skin.



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

Sunscreen Technologies

Micronized TiO₂ & 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
Powders	
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
Dispersions	
CO55MZJ*	Zinc Oxide (And) Ricinus Communis (Castor) Seed Oil (And) Jojoba Esters
GCO50XZJ*	Zinc Oxide (And) Caprylic/Capric Triglyceride (And) Sorbitan Olivatate (And) Jojoba Esters
New GCP45TV*	Caprylic/Capric Triglyceride (And) Titanium Dioxide (And) Stearic Acid (And) Aluminum Hydroxide (And) Polyhydroxystearic Acid
GCP45XZJ*	Caprylic/Capric Triglyceride (And) Zinc Oxide (And) Polyhydroxystearic Acid (And) Jojoba Esters
New GCP55MZ8SG*	Zinc Oxide (And) Caprylic/Capric Triglyceride (And) Polyhydroxystearic Acid (And) Stearoyl Glutamic Acid
GCP55TJ*	Titanium Dioxide (And) Caprylic/Capric Triglyceride (And) Jojoba Esters (And) Polyhydroxystearic Acid
GCQP55T5S*	Caprylic/Capric Triglyceride (And) Titanium Dioxide (And) Stearic Acid (And) Aluminum Hydroxide (And) Polyhydroxystearic Acid
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

* Products comply with conditions for Nano TiO₂ or ZnO as set forth in Annex VI to regulation (EC) No 1223/2009.

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TiO₂ & 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
Powders	
New A10-TiO ₂ -SA-ASG8	Titanium Dioxide (And) Aluminum Hydroxide (And) Stearoyl Glutamic Acid (And) Hydrated Silica
New A15-TiO ₂ -S-NJE10 C	Titanium Dioxide (And) Hydrated Silica (And) Jojoba Esters
TTO-NJE8 CE	Titanium Dioxide (And) Alumina (And) Jojoba Esters
ZnO-C CE	Zinc Oxide
New ZnO-C-ASG3J CP	Zinc Oxide (And) Stearoyl Glutamic Acid
ZnO-C-NJE3 CE	Zinc Oxide (And) Jojoba Esters
Dispersions	
GC70MZCJ-G CE	Zinc Oxide (And) Caprylic/Capric Triglyceride (And) Jojoba Esters (And) Glycerol Behenate/Eicosadiolate
New GC70MZCSG C	Zinc Oxide (And) Caprylic/Capric Triglyceride (And) Stearoyl Glutamic Acid (And) Glycerol Behenate/Eicosadiolate
JOP80MZCJ CE	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 E	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
New TiO ₂ -IR300-ASG3	Titanium Dioxide (And) Stearoyl Glutamic Acid
New A1K-TiO ₂ -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	

Scrubbing Beads

Natural spherical beads that are used primarily for exfoliation.

Name	INCI Name
Ws-CWUMM	Copernicia Cerifera (Carnauba) Wax (And) Ultramarines
KoboScrub™ SD-200	Silica

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		

Pigment

Provides deep, black shade. Primarily used in mascara.

Name	INCI Name
BLACK NF CE	Iron Oxides (CI 77499)

KOBO

Ingredients of Natural Origin

www.koboproducts.com



KLF-236A 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>	14.00%
● 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%
● 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. 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.:	Glycerin
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.

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

