

NATURAL ORIGIN Sunscreen Technologies

Global Program



Kobo Products offers various Titanium Dioxide and Zinc Oxide in Powder or in Dispersions forms. Powders are available treated with natural origin treatments and are available in Nano or Non-Nano forms. A wide selection of TiO₂ dispersions is also available, that includes various particle sizes, surface treatments, and natural origin carriers, to provide the best protection against UVA and UVB, and minimal whitening to formulators.



Kobo's Definition of Natural Origin

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 offer a wide range of ingredients, such as Surface Treatments, Pigmentary Dispersions, Sunscreen Technologies, Microspheres and Specialties, of natural origin, mineral or plant-based in particular.

We have chosen to certify many of them with ECOCERT/COSMOS.

Natural Index (NI) / Natural Origin Index (NOI) following the ISO 16128 standard is available upon request.

UV Attenuation TiO₂ Powders

Name	INCI Name	NI/NOI
A10-TiO2-SA-ASG8*	Titanium Dioxide (And) Aluminum Hydroxide (And) Stearoyl Glutamic Acid (And) Hydrated Silica	0 / 1
A10-TiO2-SA-NJE14*	Titanium Dioxide (And) Aluminum Hydroxide (And) Hydrated Silica (And) Jojoba Esters	0 / 1
A15-TiO2-SA-ASGP12*	Titanium Dioxide (And) Hydrated Silica (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid (And) Aluminum Hydroxide	0 / 1
A15-TiO2-SA-NJE12*	Titanium Dioxide (And) Jojoba Esters (And) Hydrated Silica (And) Aluminum Hydroxide	0 / 1
A15-TiO2-ST-NOE8	Titanium Dioxide (And) Hydrogenated Olive Oil Stearyl Esters (And) Aluminum Hydroxide	0 / 1
A15-TiO2-ST-SA8*	Titanium Dioxide (And) Aluminum Hydroxide (And) Stearic Acid	0 / 1
A15-TiO2-SX-NJE8*	Titanium Dioxide (And) Silica (And) Jojoba Esters	0 / 1
MT-500B-NJE5*	Titanium Dioxide (And) Alumina (And) Jojoba Esters	0 / 1
TiO2 TA-100*	Titanium Dioxide (And) Alumina (And) Silica	0 / 1
TTO-NJE8*	Titanium Dioxide (And) Jojoba Esters	0 / 1

UV Attenuation ZnO Powders



Name	INCI Name	NI/NOI
MZO-35-NOE7*	Zinc Oxide (And) Hydrogenated Olive Oil Stearyl Esters	0 / 1
ZNO-660-ASGP7*	Zinc Oxide (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	0 / 1
ZNO-750-ASG5*	Zinc Oxide (And) Stearoyl Glutamic Acid	0 / 1
ZNO-750-ASGP6*	Zinc Oxide (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	0 / 1
ZnO-750-NJE7*	Zinc Oxide (And) Jojoba Esters	0 / 1
KOBO ZnO-B*	Zinc Oxide	0 / 1
ZnO-C	Zinc Oxide	0 / 1
ZnO-C-ASG3J	Zinc Oxide (And) Stearoyl Glutamic Acid	0 / 1
ZNO-C-ASGP4	Zinc Oxide (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	0 / 1
ZnO-C-NJE3	Zinc Oxide (And) Jojoba Esters	0 / 1
ZNO-C-NOE4	Zinc Oxide (And) Hydrogenated Olive Oil Stearyl Esters	0 / 1



Raw materials approved by COSMOS

KOBO

USA

BRASIL

UK

FRANCE

ASIA PACIFIC

UV Attenuation TiO₂ & ZnO Dispersions



Name	INCI Name	NI/NOI
Titanium Dioxide		
GCP45TV*	Caprylic/Capric Triglyceride (And) Titanium Dioxide (And) Stearic Acid (And) Aluminum Hydroxide (And) Polyhydroxystearic Acid	0 / 1
New GCP51STS* C	Caprylic/Capric Triglyceride (And) Titanium Dioxide (And) Alumina (And) Stearic Acid (And) Polyhydroxystearic Acid	0 / 1
GCP55TJ-E* C	Titanium Dioxide (And) Caprylic/Capric Triglyceride (And) Jojoba Esters (And) Polyhydroxystearic Acid (And) Stearic Acid	0 / 1
GCP55TEL*	Titanium Dioxide (And) Caprylic/Capric Triglyceride (And) Silica (And) Polyhydroxystearic Acid (And) Alumina	0 / 1
GCP55TELR*	Titanium Dioxide (And) Caprylic/Capric Triglyceride (And) Silica (And) Polyhydroxystearic Acid (And) Alumina (And) Iron Oxides (CI 77491)	0 / 1
JOSP40TIS	Simmondsia Chinensis (Jojoba) Seed Oil (And) Titanium Dioxide (And) Aluminum Hydroxide (And) Isostearic Acid (And) Polyhydroxystearic Acid	0.57 / 1
JOSP50TJE*	Simmondsia Chinensis (Jojoba) Seed Oil (And) Titanium Dioxide (And) Aluminum Hydroxide (And) Jojoba Esters (And) Polyhydroxystearic Acid	0.5 / 1
Zinc Oxide		
CO55MZJ*	Zinc Oxide (And) Ricinus Communis (Castor) Seed Oil (And) Jojoba Esters	0.45 / 1
New NSP65MZ8*	Zinc Oxide (And) Squalane (And) Polyhydroxystearic Acid	0 / 1
GC70MZCJ-G C	Zinc Oxide (And) Caprylic/Capric Triglyceride (And) Jojoba Esters (And) Glyceryl Behenate/Eicosadioate	0 / 1
GC70MZCSG C	Zinc Oxide (And) Caprylic/Capric Triglyceride (And) Stearoyl Glutamic Acid (And) Glyceryl Behenate/Eicosadioate	0 / 1
GCP45XZJ* C	Caprylic/Capric Triglyceride (And) Zinc Oxide (And) Polyhydroxystearic Acid (And) Jojoba Esters	0 / 1
GCP55MZ8SG*	Zinc Oxide (And) Caprylic/Capric Triglyceride (And) Polyhydroxystearic Acid (And) Stearoyl Glutamic Acid	0 / 1
New GCP55ZSG*	Zinc Oxide (And) Caprylic/Capric Triglyceride (And) Polyhydroxystearic Acid (And) Stearoyl Glutamic Acid	0 / 1
JOP80MZCJ C	Zinc Oxide (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Polyhydroxystearic Acid (And) Jojoba Esters	0.2 / 1
JOSP55XZJ* C	Zinc Oxide (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Polyhydroxystearic Acid (And) Jojoba Esters	0.4 / 1
JOSP65ZCJ*	Zinc Oxide (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Polyhydroxystearic Acid (And) Jojoba Esters	0.32 / 1
JOSP80MZCOE	Zinc Oxide (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Polyhydroxystearic Acid (And) Hydrogenated Olive Oil Stearyl Esters	0.17 / 1
NHP60MZ8SG*	Zinc Oxide (And) C13-15 Alkane (And) Stearoyl Glutamic Acid (And) Polyhydroxystearic Acid	0 / 0.99
SO60MZJ* C	Zinc Oxide (And) Helianthus Annuus (Sunflower) Seed Oil (And) Jojoba Esters	0 / 1

Sunscreen Boosters

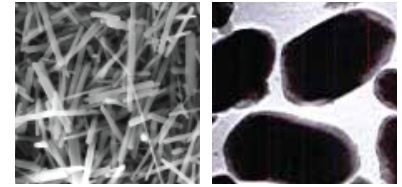
Blend of three skin conditioners and soothers at a proprietary ratio. When used in sunscreens in combination with organic and/or inorganic UV Filters, these boosters shows an increase in SPF and PFA scores by more than 30%.



Name	INCI Name	NI/NOI
SunBoost ATB Natural E	Argania Spinosa Kernel Oil (And) Tocopheryl Acetate (And) Bisabolol	0.7 / 0.98
New SunBoost AEB Natural C	Argania Spinosa Kernel Oil (And) Tocopherol (And) Bisabolol	1 / 1
New SunBoost AFB Natural C	Argania Spinosa Kernel Oil (And) Ethyl Ferulate (And) Bisabolol	0.94 / 1

IR Protection

Large size titanium dioxides which showed a great capacity to block IR-A when tested both in vitro and in vivo.



TiO₂-IR300

A1K-TiO₂

Name	INCI Name	NI/NOI
TiO ₂ -IR300-ASG3	Titanium Dioxide (And) Stearoyl Glutamic Acid	0 / 1
A1K-TiO ₂ -ASG3	Titanium Dioxide (And) Aluminum Hydroxide (And) Stearoyl Glutamic Acid	0 / 1

Patent: WO 2018232379A1

Cosmetic composition using titanium dioxide particles for IR protection

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 2018023585A1, 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

* 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.



C Raw materials approved by COSMOS



E Raw materials approved by ECOCERT in accordance with the ECOCERT standard

KOBO

Ingredients of Natural Origin

www.koboproducts.com