

Natural Jojoba Esters Treatment



INCI Name: Jojoba Esters

Code: NJE

Hydrogenated jojoba oil is made of a straight chain ester of 36 to 46 carbons in length and doesn't contain any triglycerides. It does not have branching or unsaturation and is therefore very resistant to oxidation and temperature.

Kobo's patented surface treatment using this ester (INCI: Jojoba Esters) renders pigments and powders hydrophobic.

Because of the high melting point of Jojoba esters, this treatment is stable at high temperatures and doesn't develop odors.

Jojoba Esters have properties similar to the human sebum, which contribute to easing sebum production in oily skin and improving dry skin moisture content.

NJE treated pigments and powders offer a creamy feel and good affinity to the skin. They are recommended for use in powders due to their good pressability, as well as emulsions and hot pours.

Due to the natural origin of this treatment, it is ideal for use in formulas containing natural claims. Many of the treated pigments and powders have received Ecocert / Cosmos approval.

US 8623386B2, WO 2009126859

Natural ester, wax or oil treated pigment, process for production thereof, and cosmetic made therewith

Treated Pigments and Powders

Trade Name	INCI Name	Product type
BRO-NJE2 CE	Iron Oxides (CI 77491) (And) Jojoba Esters	Red Iron Oxide
BYO-NJE3 CE	Iron Oxides (CI 77492) (And) Jojoba Esters	Yellow Iron Oxide
BBO-NJE2 CE	Iron Oxides (CI 77499) (And) Jojoba Esters	Black Iron Oxide
BEUB-NJE3 CE	Ultramarines (And) Jojoba Esters	Ultramarine Blue
BTD-NJE2 CE	Titanium Dioxide (And) Jojoba Esters	Pigmentary TiO ₂
RBTD-671-NJE2 CE		
RED 7CA K-NJE2	Red 7 Lake (And) Jojoba Esters	D&C Red No. 7 Calcium Lake
YELLOW 5AL-NJE8	Yellow 5 Lake (And) Jojoba Esters	FD&C Yellow No. 5 Aluminum Lake
New CELLULOBEADS D-10-NJE2	Cellulose (And) Jojoba Esters	Natural Polymer Microsphere
GMS-NJE3		
SERICITE FSL-NJE5	Mica (And) Jojoba Esters	Sericite
KoboMica L-27-NJE2		Mica
KoboMica 1000S-NJE5	Synthetic Fluorophlogopite (And) Jojoba Esters	Synthetic Mica
TALC N-NJE2	Talc (And) Jojoba Esters	Talc
New ASO-NJE2	Aluminum Starch Octenylsuccinate (And) Jojoba Esters	Aluminum Starch Octenylsuccinate
A10-TiO2-SA-NJE14	Titanium Dioxide (And) Aluminum Hydroxide (And) Hydrated Silica (And) Jojoba Esters	
New A15-TiO2-SA-NJE12	Titanium Dioxide (And) Jojoba Esters (And) Hydrated Silica (And) Aluminum Hydroxide	
New A15-TiO2-SX-NJE8	Titanium Dioxide (And) Silica (And) Jojoba Esters	UV-Attenuation TiO ₂
New MT-500B-NJE5-E	Titanium Dioxide (And) Jojoba Esters (And) Stearic Acid	
TTO-NJE8 CE	Titanium Dioxide (And) Alumina (And) Jojoba Esters	
ZnO-750-NJE7		
ZnO-C-NJE3 CE	Zinc Oxide (And) Jojoba Esters	UV-Attenuation ZnO

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Pigmentary Dispersions

Trade Name	INCI Name	Product type
<i>Dispersions in Silicone Emulsifiers</i>		
JOH55RJE C	Iron Oxides (CI 77491) (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Jojoba Esters (And) Polyglyceryl-6 Polyricinoleate (And) Silica	Red Iron Oxides
JOH45YJE C	Iron Oxides (CI 77492) (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Jojoba Esters (And) Polyglyceryl-6 Polyricinoleate (And) Silica	Yellow Iron Oxides
JOH55BJE C	Iron Oxides (CI 77499) (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Jojoba Esters (And) Polyglyceryl-6 Polyricinoleate (And) Silica	Black Iron Oxides
JOH65UJE C	Titanium Dioxide (And) Simmondsia Chinensis (Jojoba) Seed Oil (And) Jojoba Esters (And) Polyglyceryl-6 Polyricinoleate (And) Silica	Pigmentary TiO ₂
<i>Dispersions in Esters/Oilsiers</i>		
OD75RJE CE	Iron Oxides (CI 77491) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin	Red Iron Oxides
OD55YJE CE	Iron Oxides (CI 77492) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin	Yellow Iron Oxides
OD75BJE CE	Iron Oxides (CI 77499) (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin	Black Iron Oxides
OD75CJE CE	Titanium Dioxide (And) Octyldodecanol (And) Jojoba Esters (And) Trihydroxystearin	Pigmentary TiO ₂



Raw material approved by Ecocert in accordance with the Cosmos Standard



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



KPW-007H

Natural Treated Mineral Powder (Halal Compliant)

Part 1

- GMS-NJE3 - Kobo Products: Mica (And) Jojoba Esters 63.40%
- TALC N-NJE2 - Kobo Products: Talc (And) Jojoba Esters 20.00%
- RBTD-671-NJE2 - Kobo Products: Titanium Dioxide (And) Jojoba Esters 10.00%
- BYO-NJE3 - Kobo Products: Iron Oxides (CI 77492) (And) Jojoba Esters 5.00%
- BRO-NJE2 - Kobo Products: Iron Oxides (CI 77491) (And) Jojoba Esters 1.00%
- BBO-NJE2 - Kobo Products: Iron Oxides (CI 77499) (And) Jojoba Esters 0.60%

Manufacturing Procedure

1. Micropulverize Part 1 until uniform.

Description

This Natural Treated Mineral Powder features Kobo's **NJE treated pigments** which enhance feel, application, and adhesion to the skin.

Note: This formulation contains Kobo Halal Compliant Ingredients. All other ingredients must be confirmed with each respective supplier for Halal Compliance.