

Natural Jojoba Ester 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.

Patent: US 8623386B2, WO 2009126859, JP 8506995
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
MT-500B-NJE5	Titanium Dioxide (And) Jojoba Esters	Attenuation Grade Titanium Dioxide
A15-TiO ₂ -S-NJE10 C	Titanium Dioxide (And) Hydrated Silica (And) Jojoba Esters	Non-Nano Titanium Dioxide
TTO-NJE8 CE	Titanium Dioxide (And) Alumina (And) Jojoba Esters	Attenuation Grade Zinc Oxide
New ZnO-750-NJE7	Zinc Oxide (And) Jojoba Esters	Non-Nano Zinc Oxide
ZnO-C-NJE3 CE		
BTD-NJE2 CE	Titanium Dioxide (And) Jojoba Esters	Pigmentary Titanium Dioxide
RBTD-671-NJE2 CE		
BBO-NJE2 CE	Iron Oxides (CI 77499) (And) Jojoba Esters	Black Iron Oxides
BRO-NJE2 CE	Iron Oxides (CI 77491) (And) Jojoba Esters	Red Iron Oxides
BYO-NJE3 CE	Iron Oxides (CI 77492) (And) Jojoba Esters	Yellow Iron Oxides
BEUB-NJE3 CE	Ultramarines (And) Jojoba Esters	Ultramarine Blue
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
GMS-NJE3		
SERICITE FSL-NJE5	Mica (And) Jojoba Esters	Sericite
New KoboMica 1000S-NJE5	Synthetic Fluorophlogopite (And) Jojoba Esters	Synthetic Mica
New KoboMica L-27-NJE2	Mica (And) Jojoba Esters	Mica
TALC N-NJE2	Talc (And) Jojoba Esters	Talc



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

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Pigmentary Dispersions

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



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.