

Jojoba Esters

Complete Range of Natural, Multi-functional Esters



PRODUCTS: Jojoba Esters-15
Jojoba Esters-20 **New!**
Jojoba Esters-30 **New!**
Jojoba Esters-60 **New!**
Jojoba Esters-70

INCI NAME: Jojoba Esters

WHAT ARE JOJOBA ESTERS?

Jojoba Esters are a complete range of oil-free wax esters derived from seeds of the jojoba plant. They are natural, green and sustainable, made from jojoba oil and/or hydrogenated jojoba oil via interesterification.

Jojoba Esters are available in a wide variety of forms with 5 different melting point ranges – a liquid; a creamy, soft or firm paste; or a hard wax – and are highly stable, having superior oxidative stability compared to triglycerides and other natural butters. They are ideal for use in a broad range of personal care applications, including products requiring “oil-free” label claims.

WHAT DO JOJOBA ESTERS DO?

Jojoba Esters are multi-functional, delivering hydration and an elegant skin feel, as well as improving the performance and functionality of cosmetic products. Unlike triglyceride oils, Jojoba Esters provide non-greasy emolliency and are readily absorbed into the skin.

Jojoba Esters-15 is a liquid ester that delivers emolliency and a smooth, elegant feel. In color cosmetics it provides excellent pigment wetting, and can also be used as a binder in pressed powders.

Jojoba Esters-20 melts slightly above body temperature, providing elegant glide along with a soft texture to skin care and hair care formulations.

Unlike many synthetic fatty esters, **Jojoba Esters-15** and **Jojoba Esters-20** do not affect the foaming of surfactant systems.

Jojoba Esters-30 is a soft paste that offers a smooth soft application as well as cushion to skin care, hair care and color cosmetic formulations.

Jojoba Esters-60 is a firm paste that forms a protective film on the skin without a greasy feel, and is therefore an excellent emollient for use in substantive skin care formulations and color cosmetic sticks.

Jojoba Esters-70 delivers glide as well as strength and flexibility to the structure of stick formulations without being brittle, allowing for a higher loading of pigments or emollients, and provides a flexible film in mascara formulations.



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KEY BENEFITS

- Multi-functional
- Eco-friendly, natural
- Non-oily, non-tacky, elegant skin feel
- Emolliency, moisturizing, softening and conditioning effects
- Low odor and color
- Superior oxidative stability
- Improved structural integrity in stick formulations
- Allows for higher pigment loading in color cosmetics, enhancing color intensity
- Widespread consumer recognition of Jojoba as an “earth friendly” label claim
- Derived from Jojoba grown + processed in-house

IDEAL FOR USE

- Lip products
- Color cosmetics
- Skin care
- Sun care
- Hair care
- Cleansers
- Products requiring oil-free label claims



TYPICAL PROPERTIES OF JOJOBA ESTERS

	JOJOBA ESTERS-15	JOJOBA ESTERS-20	JOJOBA ESTERS-30	JOJOBA ESTERS-60	JOJOBA ESTERS-70
Appearance @25°C:	Clear colorless liquid	White creamy paste	White soft paste	White firm paste	White wax flake
Melting Point:	10-15°C	42-48°C	47-51°C	56-60°C	66-70°C
Iodine Value cg I/g:	78-85	64-70	57-61	40-44	2 max.
Peroxide Value meq O ₂ /kg:	4 max.	4 max.	4 max.	4 max.	2 max.
Recommended Use Level:	1-5%	1-5%	1-10%	1-8%	1-5%

35 YEARS OF SUSTAINABILITY

During the 1970s **Desert Whale**, now a valuable part of the Vantage personal care business, helped in the “Save the Whales” environmental movement by playing a key role in the commercialization of Jojoba, and promoting Jojoba Oil as a unique plant-derived replacement for sperm whale oil.

Today Vantage has an ongoing commitment to providing high quality products without compromise – environmentally

friendly cosmetic ingredients derived from the Jojoba plant through green + sustainable practices – along with reliability of supply and service. As the largest US Jojoba grower and producer of Jojoba products, Vantage is vertically integrated and involved in every aspect of the Jojoba supply chain, from farming to oil extraction and derivatives manufacturing.

All data, including the formulations and procedures discussed herein, to the knowledge of Vantage, are believed to be correct, reliable and accurate. Please note, however, that Vantage does not warrant or guarantee any accuracy, reliability or completeness of the information contained herein. It is the user's responsibility to determine the suitability and completeness of such information for the user's particular use (including performing any necessary confirmatory tests). Vantage is not responsible or liable for any loss or damage that may occur from the use of this information, nor do we warrant against any patent infringement. Nothing contained herein shall be construed as providing any permission, recommendation, or inducement to practice any patented invention without permission of the patent owner.