



L22[®]

The patented, botanically sourced lipid complex



ISO 16128
100%
NATURE DERIVED¹



COSMOS
APPROVED²



BIODEGRADABLE³



VEGAN SUITABLE⁴

Origin:

- INCI: Jojoba Oil/Macadamia Seed Oil Esters (and) Squalene (and) Phytosteryl Macadamiate (and) Phytosterols
- Macadamia (*Macadamia integrifolia*), Jojoba (*Simmondsia chinensis*), Olive (*Olea europaea*)

Benefits & Functions:

- Promotes skin's natural barrier function and recovery
- Enhances skin-feel of firmness and elasticity
- Helps maintain long-term skin hydration
- Increases smooth skin feel
- Skin lipid mimetic

Uniqueness:

- Research shows that as we age, the ratio of lipids in our skin oil changes⁵; L22 is innovative as it delivers the specific balance of these lipids as they were in youth

Technical data:

- Liquid emollient
- Liquid at or above 25°C⁶



Discover more
about our
ingredients



Applications



- Dose of use: 3-20%

For application examples:



Product Details:

- CAS N° 97593-46-9 (and) 111-02-4 (and) 68990-51-2 (and) 68555-08-8
- EC N° 307-351-1 (and) 203-826-1 (and) 273-605-2 (and) 271-413-3
- Shelf Life: 2 years
- Packaging: 5kg (standard), 1kg (optional)

Contact us at: beauty@cargill.com

¹ International Organization for Standardization - Guidelines on technical definitions and criteria for natural and organic cosmetic ingredients —first edition: 2016.

² Cosmos standard v3, June 2020

³ This product when tested was found to be inherently biodegradable according to OECD 302 D.

⁴ The responsibility of a vegan claim lies with the cosmetic manufacturer. Please consult your own legal or regulatory experts to ensure suitability of the product with your preferred standard.

⁵ Cotterill, J. A., W. J. Cunliffe, B. Williamson, and L. Bulusu. "Age and Sex Variation in Skin Surface Lipid Composition and Sebum Excretion Rate." *British Journal of Dermatology* 87. (1972): 333-40. Print.

⁶ Below 25°C, partial crystallization may appear as cloud-like formations which may settle to the bottom. The product can be used as is or warmed slightly to remove cloudiness.

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