



L22<sup>®</sup>

## The patented, botanically sourced lipid complex



**DERIVED NATURAL  
ACCORDING TO  
ISO 16128<sup>1</sup>**



**COSMOS  
APPROVED<sup>2</sup>**



**BIODEGRADABLE<sup>3</sup>**



**VEGAN SUITABLE<sup>4</sup>**

### 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:

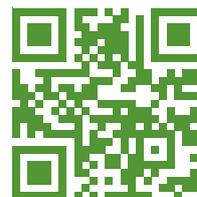
- Promotes skin's natural barrier function and recovery
- Enhances skin-feel of firmness and elasticity
- Helps maintain long-term skin hydration
- Increases smooth skin feel
- Skin lipid mimetic

### Uniqueness:

- Research shows that as we age, the ratio of lipids in our skin oil changes<sup>5</sup>; 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°C<sup>6</sup>



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](mailto:beauty@cargill.com)**

<sup>1</sup> ISO 16128-1:2016 and ISO 16128-2:2017

<sup>2</sup> Cosmos standard v3, June 2020

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

<sup>4</sup> 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.

<sup>5</sup> 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.

<sup>6</sup> 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.

Disclaimer: This document is for your information and convenience only. All information, statements, recommendations and suggestions are believed to be true and accurate under local laws but are made without guarantee, express or implied. WE DISCLAIM, TO THE FULLEST EXTENT PERMITTED BY LAW, ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE and FREEDOM FROM INFRINGEMENT and disclaim all liability in connection with the storage, handling or use of our products or information, statements, recommendations and suggestions contained herein. All such risks are assumed by you/users. The labeling, substantiation and decision making relating to the regulatory approval status of the labeling on and claims for your products is your responsibility. We recommend you consult regulatory and legal advisors familiar with applicable laws, rules and regulations prior to making regulatory, labeling or claims decisions for your products. The information, statements, recommendations and suggestions contained herein are subject to change without notice. REV NOV23