The versatile emollient with synergistic glycerin moisturization and superior conditioning

**Origin:**
- INCI: Hydrolyzed Jojoba Esters (and) Jojoba Esters (and) Water (Aqua)
- Jojoba (Simmondsia chinensis)

**Traceability:**
- The jojoba plant requires very little water and can be grown on land that is often unsuitable for other types of crops
- Mainly sourced from Chile, Israel, Peru and the United States

**Benefits & Functions:**
- Improves and maintains long-term skin hydration
- Helps support healthy skin barrier
- Increased feel of skin elasticity and firmness
- Improves the appearance of pores
- Enhances the appearance of skin texture
- Improves hair conditioning and hair color performance

**Uniqueness:**
- This multifunctional, lightweight emollient has a synergistic effect with glycerin and extends hydration of glycols which can boost long-lasting moisturization.
- This versatile ingredient is also a strong performer in hair applications with studies showing it improves conditioning properties and hair color performance thanks to its film-forming properties

**Technical data:**
- Firm paste
- pH (5% aqueous): 10-11

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**Applications**

- Boosts skin hydration together with glycerin
- Improves barrier function
- Increases skin firmness
- Dose of use: 0.5-2%

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- Improves water resistance in sunscreen applications
  - Dose of use: 0.5-2%

- Dose of use: 0.1-1%

- Dose of use: 0.5-2%

- Dose of use: 0.1-0.5%

**Formulation tips**

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<th>Guidance</th>
<th>Dispersion</th>
<th>Usage Level</th>
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<td>Formulation tips</td>
<td>Floraesters K-100 Jojoba can be directly added to and dispersed within the oil phase, or predispersed with glycerin, glycols or alcohol.</td>
<td>Floraesters K-100 Jojoba is the most concentrated version in the series making it possible to use less and do more. It is designed to be used at 1/5 the usage level of Floraesters K-20W® Jojoba.</td>
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</tbody>
</table>

**For more formulation tips and application examples:**

**Product Details:**

- CAS N° 85186-93-2 (and) 61789-91-1 (and) 7732-18-5
- EC N° 286-079-4 (and) 307-351-1 (and) 231-791-2
- Packaging: 16kg pail (standard)

**Contact us at:** beauty@cargill.com

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1 ISO 16128-1:2016 and ISO 16128-2:2017
2 Cosmos standard v3, June 2020
3 This product when tested was found to be readily biodegradable according to OECD 301 F.
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 Cargill has not tested Floraesters K-100 Jojoba in final OTC drug formulations. Compliance with FDA regulations is the responsibility of the customer.

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