Florabeads®
Jojoba

The nature derived scrubbing beads

Origin:
- INCI: Jojoba Esters
- Jojoba (Simmondsia chinensis)
- Jojoba esters originate from jojoba, a plant native to the Sonoran Desert

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

Uniqueness:
- Hard, smooth botanically derived microspheres of jojoba esters
- Gentler choice over other natural exfoliants, such as crushed fruit pits, shells or similar damaging materials
- Available in multiple particle size ranges in many standard colors

Technical data:
- Hard microspheres

ISO 16128
96-100%
NATURE DERIVED

COSMOS
APPROVED

NO MICROPLASTICS

BIODEGRADABLE

VEGAN SUITABLE

Discover more about our ingredients

Standard Sizes:

<table>
<thead>
<tr>
<th>Size</th>
<th>Microns</th>
<th>Melting Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/10</td>
<td>100 - 900</td>
<td>64-75°C</td>
</tr>
<tr>
<td>28/60</td>
<td>250 - 600</td>
<td>66-71°C</td>
</tr>
<tr>
<td>40/60</td>
<td>250 - 420</td>
<td>66-71°C</td>
</tr>
<tr>
<td>60/100</td>
<td>150 - 250</td>
<td>66-71°C</td>
</tr>
</tbody>
</table>
Applications

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- Dose of use: 0.5-3%
- Dose of use: 1-10%
- Dose of use: 0.5-10%

Formulation tips

<table>
<thead>
<tr>
<th>Guidance</th>
<th>Low pH systems</th>
<th>Color Stability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formulation tips</td>
<td>Some pigments used in Florabeads standard colors may be unstable in low pH systems or when exposed to concentrated chemicals such as acids, alkali, and surfactants.</td>
<td>Cargill Beauty recommends that all formulas are tested for color stability.</td>
</tr>
</tbody>
</table>

For more formulation tips and application examples:

Product Details:
- CAS N° 61789-91-1 or 92457-12-0
- EC N° 296-292-4
- Shelf Life: 5 years
- Packaging: 100kg drum (standard), 10kg pail (optional)
- Reference SDS for pigment regulatory data

Contact us at: beauty@cargill.com

2 Cosmos standard v3, June 2020
3 This product does not fall under the definition of microplastic according to EU REACH committees opinion and US Microbead-Free Waters Act of 2015.
4 This product when tested was found to be inherently biodegradable according to OECD 302 D.
5 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.
6 Howard, Diana “Methods of Exfoliation” International Dermal Institute.

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