



## Florasomes® and Floraspheres®

# The botanical alternative to encapsulated beads



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



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



**NO MICROPLASTICS<sup>3</sup>**



**BIODEGRADABLE<sup>4</sup>**



**VEGAN SUITABLE<sup>5</sup>**

### 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

### Benefits & Functions:

- **Florasomes** are soft, 100% jojoba derived particles which melt onto the skin to deliver the actives they contain without leaving a sticky residue which is characteristic of gelatin or agar beads
  - Provide jojoba emolliency for soft sensory feel
  - Deliver vitamin E as the standard additive
  - Option to add customer supplied ingredients including vitamins, fragrances, special effect pigments and most other oil-dispersible or oil soluble additives
  - Particles melt completely onto the skin, leaving no residue behind
- **Floraspheres** offer all the benefits and features of Florasomes without additives and deliver the same sensory experience during applications

### Technical data:

- Soft microspheres
- Melting point: >50°C
- Sized to a uniform diameter
- Available in multiple size options
- Available in 21 standard colors



Discover more  
about our  
ingredients



## Applications



Dose of use: 1-10%



Dose of use: 0.5-2%<sup>6</sup>



Dose of use: 0.5-10%



Custom colors available upon request

## Product Details:

- CAS N° 61789-91-1
- EC N° 612-381-6
- Shelf Life: 2 years
- Packaging: 1-5kg pail (standard)
- Reference SDS for pigment and/or additive regulatory data

For more formulation tips and application examples:



Contact us at: [beauty@cargill.com](mailto:beauty@cargill.com)

<sup>1</sup> ISO 16128-1:2016 and ISO 16128-2:2017. Range of naturalness based on type and level of pigment loading. Range of naturalness based on type and level of pigment loading.

<sup>2</sup> Cosmos standard v3, June 2020. Floraspheres Jojoba White( Natural) is COSMOS approved, because of the variety of different pigments and additive available for these product lines, only this base formula has obtained approval as a prove of concept of compatibility with the base formulation.

<sup>3</sup> This product does not fall under the definition of microplastic according to EU REACH committees opinion and US Microbead-Free Waters Act of 2015.

<sup>4</sup> This product when tested was found to be inherently biodegradable according to OECD 302 B.

<sup>5</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>6</sup> Cargill has not tested Florasomes or Floraspheres in final OTC drug formulations. Compliance with FDA regulations is the responsibility of the customer.

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