

## Florabeads® Hard Scrubbing Beads

Smooth, spherical and biodegradable particles that offer gentle yet effective exfoliation



ISO 16128  
100%  
NATURE DERIVED<sup>1</sup>



NO MICROPLASTICS<sup>2</sup>



BIODEGRADABLE<sup>3</sup>



VEGAN SUITABLE<sup>4</sup>

### Origin:

- **Florabeads Carnauba:**
  - INCI: Copernicia Cerifera (Carnauba) Wax
  - Palm (*Copernicia cerifera*)
- **Florabeads RBW:**
  - INCI: Oryza Sativa (Rice) Bran Wax
  - Rice (*Oryza sativa*)

### Attributes:

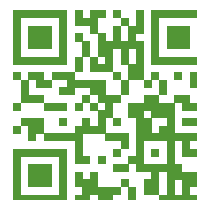
Surface	Hard, smooth botanical wax spheres
Stability	Formulation stable
Effective	Durable and effective for skin exfoliation
Gentle	Excellent choice over other natural materials <sup>5</sup>
Color	Natural, pigment-free color
Particle Size	250 - 600 microns (approximate)

### Uniqueness:

- Consumers are looking for effective scrubbing agents that are botanically derived and suitable for regular use; Florabeads are hard, smooth spherical and biodegradable particles, that offer gentle yet effective skin exfoliation
- Both are ideal options for cleansing applications

### Technical data:

- Hard microspheres
- Melting points:
  - Florabeads Carnauba: >75°C
  - Florabeads RBW: 70-83°C



Discover more  
about our  
ingredients



## Applications



- Dose of use: 0.5-3%

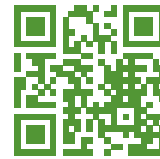


- Dose of use: 1-10%



- Dose of use: 0.5-10%

For more formulation tips and application examples:



## Florabeads Carnuba Product Details:

- CAS N° 8015-86-9
- EC N° 232-399-4
- Shelf Life: 5 years
- Packaging: 100kg drum (standard), 10kg pail (optional)

## Florabeads RBW Product Details:

- CAS N° 8016-60-2
- EC N° 232-409-7
- Shelf Life: 5 years
- Packaging: 100kg drum (standard), 10kg pail (optional)

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

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

<sup>2</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>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> Howard, Diana "Methods of Exfoliation" International Dermal Institute.

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