The Natural Solution

Florasomes® & Floraspheres®
soft spheres of jojoba esters

Benefits & Functions:

- Biodegradable
- Delivers Actives
- No Residual Debris
- Adjustable Playtimes
- Stable
- Monosized
- Globally Allowed\(^\d\)
- Jojoba Emolliency

Florasomes are soft spheres which deliver jojoba emolliency and additives directly to the skin. Florasomes can deliver vitamins, fragrances, pigments, or other custom additives of your choice. Through their visual appeal Florasomes make an active readily identifiable by consumers and help products stand out on the shelf.

Unlike encapsulated particles, Florasomes carry additives evenly throughout the spherical wax matrix that disappears completely, without leaving debris. Gelatin or agar beads leave fragments and a sticky residue on the skin while Florasomes disappear completely and leave only an elegant skin feel.

In addition to the delivery of beneficial jojoba emolliency, Florasomes can carry a higher loading of most additives than lactose/cellulose particles can.

Floraspheres offer all the benefits and features of Florasomes without additives.

1. Florasomes and Floraspheres contain no microplastics, and are not restricted by any microplastics legislation.
**Florasomes & Floraspheres**

**INCI: Jojoba Esters**

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**Botanical Soft Beads**

**Florasomes**
- Small = 500 Microns
- Medium = 1000 Microns
- Large = 1500 Microns

**Additives**
- Standard 10% Vitamin E or Your Custom Additive

**Dropping Point**
- 50-60 °C
- dependent upon additive(s)

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**Floraspheres**
- Small = 500 Microns
- Medium = 1000 Microns
- Large = 1500 Microns

**No Additives**
**Dropping Point**
- 50-60 °C

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**Custom Colors & Sizes Available**

- Florasomes technology delivers virtually any oil-soluble or oil-dispersible additive directly onto the skin.

- Biodegradable, 100% Natural and contain no microplastics

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**Applications**

<table>
<thead>
<tr>
<th>Applications</th>
<th>Typical Use Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Creams &amp; Lotions</td>
<td>1 - 5%</td>
</tr>
<tr>
<td>Facial Treatments</td>
<td>1 - 10%</td>
</tr>
<tr>
<td>Hand Sanitizers</td>
<td>0.5 - 2%</td>
</tr>
<tr>
<td>Body Washes</td>
<td>0.5 - 10%</td>
</tr>
<tr>
<td>Moisturizers</td>
<td>1 - 5%</td>
</tr>
</tbody>
</table>

**Floratech Formulations**

<table>
<thead>
<tr>
<th>Floratech Formulations</th>
<th>Formula Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dichromatic Moisturizing Warming Masque</td>
<td>B016</td>
</tr>
<tr>
<td>Enhanced Emollient Hand Sanitizer</td>
<td>C021</td>
</tr>
<tr>
<td>Vitamin-E Lotion</td>
<td>L012</td>
</tr>
</tbody>
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**Global Regulatory Data**

- CAS: 61789-91-1
- EC: 612-381-6
- Cosmos: ✓

Globally Approved including: Australia, China, EU, Japan, Korea and US

Reference Floratech SDS for pigment regulatory data.

**Botanical Origin:** Jojoba (*Simmondsia chinensis*)

**Packaging:** 1-5 kg Pail (standard)

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Colors may appear different in print; for a sample contact sales@floratech.com.

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*Floraspheres are Cosmos certified. © Copyright 2011, 2018 International Flora Technologies, Ltd., All Rights Reserved. Exact INCI/trade names must be verified with Floratech's product specification sheets.*

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