Product Description:

Name: Opuntia Ficus-Indica Stem Extract

INCI Europe: Opuntia Ficus-Indica Stem Extract and Aqua and Potassium sorbate


100% BIO Opuntia ficus-indica stem extract, rich in mucilages and high molecular weight polysaccharides.

The raw material is coming from the row in Portugal. The plant producers have Biological Certification (SATIVA or ECOCERT)

Use: Raw material for cosmetic applications

Actions attributed:

- Natural moisturized in cosmetic formulations (1)
- Retention of large amounts of water (2)
- Treatment of skin and epithelium wounds and of mucous membrane irritation (3)

Supplier

Company name: João Manuel Rolão

Address: Avenida 25 de Abril - 8700-011 Fuseta - Portugal

Phone: +351 925675991

E-mail: joaomanuelrolao@gmail.com
Mixture

<table>
<thead>
<tr>
<th></th>
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</tr>
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<tbody>
<tr>
<td>Opuntia Ficus-Indica Stem Extract</td>
<td>90082-21-6/290-109-1</td>
<td>This substance is not classified as dangerous according to EC Regulations 67/548/EEC and 1272/2008</td>
<td></td>
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<tr>
<td>Aqua</td>
<td>7732-18-5/231-791-2</td>
<td>This substance is not classified as dangerous according to EC Regulations 67/548/EEC and 1272/2008</td>
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<tr>
<td>Potassium sorbate</td>
<td>24634-61-5/246-376-1</td>
<td>This substance is not classified as dangerous according to EC Regulations 67/548/EEC and 1272/2008</td>
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</tbody>
</table>

Shelf Life

In the original sealed packaging the product has a shelf life of 12 months from production date if storage below 10 ºC.

Packing

The product is packaged in food grade plastic containers of 5 and 20 Liters

Conditions of storage

Storage in a range of 4-10 ºC, protected from light

Typical analysis

**Heavy Metals** (values in wet/weight)

<table>
<thead>
<tr>
<th>Metal</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cd</td>
<td>&lt;0.0005 mg/kg</td>
</tr>
<tr>
<td>As</td>
<td>&lt;0.001 mg/kg</td>
</tr>
<tr>
<td>Hg</td>
<td>&lt;0.0005 mg/kg</td>
</tr>
<tr>
<td>Pb</td>
<td>0.0012 mg/kg</td>
</tr>
</tbody>
</table>

Microbiological standard
Aerobic mesophilic bacteria (/g) 36°C- ISO 6222:1999: 5cfu

22°C- ISO 6222:1999: 32 cfu

Yeast and moulds (/g)-ISO 16212- <100 cfu

E. coli Negative.

References


