**CAS Number**: 112926-00-8  
**EINECS Number**: 231-545-4  
**E Additive Number**:  
- **Food**: E-551  
- **Feed**: E-551a  
**REACH Registered**

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**NATURE AND ASPECT**

White microspheres of amorphous precipitated silica, SiO₂.

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**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Property</th>
<th>Method</th>
<th>Values *</th>
</tr>
</thead>
<tbody>
<tr>
<td>Particle size (d50, μm)</td>
<td>ISO 13320-1</td>
<td>200</td>
</tr>
<tr>
<td>DOA Absorption (ml DOA/100g)</td>
<td>ISO 19246</td>
<td>245</td>
</tr>
<tr>
<td>pH (5% water suspension)</td>
<td>ISO 787/9</td>
<td>6.5</td>
</tr>
<tr>
<td>Soluble salts (10% water suspension, % Na₂SO₄)</td>
<td>ISO 7888</td>
<td>&lt;3</td>
</tr>
<tr>
<td>Humidity (2h at 105°C, %)</td>
<td>ISO 787/2</td>
<td>&lt;7.5</td>
</tr>
<tr>
<td>Flowability</td>
<td></td>
<td>Very good</td>
</tr>
<tr>
<td>Dust generation</td>
<td></td>
<td>Very low</td>
</tr>
</tbody>
</table>

* Typical values. Specifications available upon request.

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**PROPERTIES**

- Homogeneous particle size with a narrow distribution.
- High absorption capacity.
- Excellent flowability and handling.
- Low content of fines.
APPLICATION FIELDS

• Feed and food sector, as a carrier of active substances such as inorganic and organic acids, pigments, vitamins...
• Chemical industry, as a carrier of liquid additives.

APPLICABLE LEGISLATION

• It is not classified as a dangerous substance according to Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures.
• It fulfils the Regulation (EC) No 1333/2008 and No 1831/2003 on food additives and on additives for use in animal nutrition respectively, having the E-551 code as a food additive and the E-551a as a feed additive. It fulfils the criteria in Commission Regulation (EU) No 231/2012 laying down specifications for food additives, as well as in Directive 2002/32/EC and further modifications on undesirable substances in animal feed.
• It is registered according to Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

STORAGE AND HANDLING

Store in a dry place. It is recommended to use it before 24 months after the manufacturing date.
Suitable precautions must be taken when handling, following the indication given by the Material Safety Data Sheet (MSDS).

PACKAGING

• Multi-layer paper sacks.
• It can be supplied in other formats according to customer requirements.