**IBERSIL® D-100**

Carrier of active substances and anticaking / fluidizing agent

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**NATURE AND ASPECT**

White powder 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>100</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>Good</td>
</tr>
<tr>
<td>Dust generation</td>
<td></td>
<td>Low</td>
</tr>
</tbody>
</table>

* Typical values. Specifications available upon request.

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**PROPERTIES**

- Homogeneous particle size.
- High absorption capacity.
- Good fluidizing / anticaking power.

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

Producer: Industrias Químicas del Ebro S.A.
**IBERSIL® D-100**

**APPLICATION FIELDS**
- Feed and food sector, as an anticaking / fluidizing agent, carrier of active substances.
- Agriculture, as a grinding aid, a humidity retainer, a carrier for active substances and anticaking / fluidizing agent.
- Chemical industry, as an anticaking / fluidizing agent and 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**
- 25kg multi-layer paper sacks.
- Big bags.
- Silo trucks.
- It can be supplied in other formats according to customer requirements.