Chloro(chloromethyl)dimethylsilane (CMM2)

Silanes

Clear, mobile, colourless to yellowish, caustic liquid with pungent odour

CAS No. 1719-57-9 | Empirical formula C₃H₈Cl₂Si | Molecular weight 143.09

Properties

- Content min. 99.0%
- One of the largest producers worldwide
- Proprietary technology
- Continuous production in dedicated equipment
- Backward integration to silicon and chlorine
- REACH: SCC (handling as intermediate under strictly controlled conditions)

Technical data

Specification

<table>
<thead>
<tr>
<th>Property</th>
<th>Condition</th>
<th>Value</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance of liquids</td>
<td>-</td>
<td>colourless, clear, liquid</td>
<td>Visual Control</td>
</tr>
<tr>
<td>Chloromethyldimethylchlorosilane</td>
<td>-</td>
<td>99.0 %</td>
<td>GC</td>
</tr>
</tbody>
</table>
### General Characteristics

<table>
<thead>
<tr>
<th>Property</th>
<th>Condition</th>
<th>Value</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling point</td>
<td>1013 hPa</td>
<td>114 - 115 °C</td>
<td></td>
</tr>
<tr>
<td>Density</td>
<td>20 °C</td>
<td>1.086 g/cm³</td>
<td></td>
</tr>
<tr>
<td>Flash point</td>
<td>-</td>
<td>27 °C</td>
<td>DIN 51755</td>
</tr>
<tr>
<td>Ignition temperature (liquids)</td>
<td>-</td>
<td>355 °C</td>
<td></td>
</tr>
<tr>
<td>Lower explosion limit</td>
<td>-</td>
<td>1.4 Vol-%</td>
<td></td>
</tr>
<tr>
<td>Upper explosion limit</td>
<td>-</td>
<td>51.5 Vol-%</td>
<td></td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>20 °C</td>
<td>43 hPa</td>
<td></td>
</tr>
</tbody>
</table>

These figures are only intended as a guide and should not be used in preparing specifications.

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### Applications
- Chemical Industry
- building blocks (pharma)

### Application details
- Building block for the synthesis of pharmaceuticals/API
- Precursor for performance products

### Packaging and storage

**Packaging**
Drum internally lacquered 216.5 l (200 kg net) Jerrycan 30l (30 kg net)

**Storage**
Storage stability for at least: 12 months

Further information for storage: Keep in the original container in a cool well ventilated place. Keep container dry and tightly closed.
Conditions for storage rooms and vessels: Do not store in containers made of aluminum or other light metals. Storage beyond the recommended period does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

### Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site http://www.wacker.com.
For technical, quality or product safety questions, please contact:

Wacker Chemie AG, Hanns-Seidel-Platz 4, 81737 Munich, Germany
info@wacker.com, www.wacker.com

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