Code No. 21690  

S 303  

CAS No.  583-39-1  

EEC No.  209-502-6  

Chemical Name  

2-Mercaptobenzimidazole  

Structure  

\[
\begin{array}{c}
\text{N} \\
\text{N SH} \\
\text{H} \\
\text{M} \\
\end{array}
\]

Molecular Formula  

\( C_7H_6N_2S \)  

Molecular Weight  

150,21  

Product Properties  

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>White to yellowish crystalline powder</td>
</tr>
<tr>
<td>Assay (%)</td>
<td>( \geq 98,0 ) (TBAH)</td>
</tr>
<tr>
<td>Melting point (°C)</td>
<td>302 – 312 (DSC)</td>
</tr>
<tr>
<td>Sulfated ash (%)</td>
<td>( \leq 0,5 )</td>
</tr>
</tbody>
</table>

Storage  

Cool, dry, tightly closed  

Application  

Intermediate in organic syntheses  

Changes in comparison to previous issue do not relate to contents.