Cyclic Trimethylolpropane Formal

Description

- Cyclic Trimethylolpropane Formal (CTF)
- Clear colourless liquid
- Cycloaliphatic ether alcohol

Applications

- Esters, as acrylic esters
- Synthetic lubricants
- High-boiling organic solvent
- Chemical building block

Delivery forms

- Steel drums 200 kg, 800 kg/pallet
- Containers (IBC) 900 kg
- Bulk

Storage

- CTF may crystallize when stored below 10 °C.
- CTF must be stored in sealed containers protected from heat and air.
- If stored more than 6 months, check for peroxides to ensure quality.

Sales specification

<table>
<thead>
<tr>
<th>Property</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>CTF content, %</td>
<td>Min. 98.0</td>
</tr>
<tr>
<td>Ash content (as sodium), ppm</td>
<td>Max. 15</td>
</tr>
<tr>
<td>Water content, %</td>
<td>Max. 0.5</td>
</tr>
</tbody>
</table>

Typical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hydroxyl number, mg KOH/g</td>
<td>390</td>
</tr>
<tr>
<td>Colour, APHA</td>
<td>10</td>
</tr>
</tbody>
</table>

Analytical Method

1 PO 128-1, 2 PO 103-10, 3 PO 109-2, 4 PO 100-11, 5 PO 105-4

Analytical methods are available on request.

CAS no.: 5187-23-5
EC (EINECS) no.: 225-967-8
HS no.: 2932 99