Technical Data Sheet

1, 5-Pentanediol

Product Information

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>1, 5-Pentanediol</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS #</td>
<td>111-29-5</td>
</tr>
<tr>
<td>Formula</td>
<td>203-854-4</td>
</tr>
<tr>
<td>Molecular Weight</td>
<td>104.15</td>
</tr>
<tr>
<td>Chemical Structure</td>
<td>HO-CH2-CH2-CH2-CH2-OH</td>
</tr>
</tbody>
</table>

Description

1, 5-Pentanediol CAS 111-29-5 is the organic compound with the formula HOCH2CH2CH2CH2CH2OH. Like other diols, this viscous colourless liquid is used as plasticizer and also forms polyesters that are used as emulsifying agents and resin intermediates.

Specification

<table>
<thead>
<tr>
<th>Items</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Colorless transparent liquid</td>
</tr>
<tr>
<td>Assay, %</td>
<td>99.0min</td>
</tr>
<tr>
<td>Water, %</td>
<td>0.10max</td>
</tr>
</tbody>
</table>

Safety

Always refer to the Material Safety Data Sheet (MSDS)

Applications

- Plasticizer
- Emulsifying agent in cosmetics
Resin intermediates
- Pesticide intermediate

Packaging

Packed in metal pail, barrel, net weight 200 kg, total 16MT/20" container

Storage & Handling

Store in cool and airy place; keep away from fire and heat; handle with care; avoid leakage.
In the specified storage conditions, product warranty for 2 years

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if we have been advised of the possibility of such damages.

Hefei TNJ Chemical Industry Co., Ltd.

B910~911 Xincheng Business Center
Qianshan Road, Hefei
230022 Anhui
China

Tel: (0086) 551 65418678
Fax: (0086) 551 65418697
Email: info@tnjchem.com
Site: www.tnjchem.com