Technical Data Sheet

1, 2 - Hexanediol

Product Information

Chemical Name 1, 2 - Hexanediol
CAS # 6920-22-5
Formula C6H14O2
Molecular Weight 118.17

Chemical Structure

HO
\begin{center}
\includegraphics[width=0.25\textwidth]{chemical_structure.png}
\end{center}

Description
Melting point 223-224 °C (lit.)
Density 0.951 g/ml at 25 °C (lit.)
Flash point >230 °F
Refractive index n20/D 1.442 (lit.)

Specification

<table>
<thead>
<tr>
<th>Appearance</th>
<th>Colorless Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assay, %</td>
<td>≥ 99.0</td>
</tr>
<tr>
<td>Water content,%</td>
<td>≤ 0.50</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>223</td>
</tr>
<tr>
<td>Refractive Index</td>
<td>1.442</td>
</tr>
<tr>
<td>Specific Gravity (20°C g/cm3)</td>
<td>0.945~0.955</td>
</tr>
</tbody>
</table>

Safety
Always refer to the Material Safety Data Sheet (MSDS)
Applications

1). Pharmaceutical Intermediates.
2). Used in Jetprinter Ink and Paint, Printing Ink Reducer.
3). Diluting agent for Flavors and Fragrance and Organic synthetic intermediates.

Packaging

190kg/ plastic drum
80drums (15.2mt)/20" container without pallet
80drums (15.2mt)/20" container with pallet (4drum/pallet)

Storage & Handling

Placed in sealed container and kept in a cool and dry place.
Avoid strong vibration, insolation, high temperature, smoke and fire.

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 has been advised of the possibility of such damages.