Name of Product: N-HEPTANE, PURE

Chevron Phillips Chemical Company LP
10001 Six Pines Drive
The Woodlands, TX 77380
800-858-4327
Technical Service: 832-813-4862

Chevron Phillips Chemical International N.V.
Airport Plaza - Stockholm
Leonardo Da Vinci 19
1831 Diegem, Belgium
+32 2 689 1211

Chevron Phillips Chemicals Asia PTE Ltd.
1 Harbour Front Avenue
#09-01 Keppel Bay Tower
Singapore, 098632
+65 6517 3100

Revision Date: 7/25/2013

<table>
<thead>
<tr>
<th>Test</th>
<th>Units</th>
<th>Method</th>
<th>Typical</th>
<th>Minimum</th>
<th>Maximum</th>
<th>Qualitative</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>cis-1,2-DMCP+MCH</td>
<td>WT%</td>
<td>Chromatography</td>
<td>0.213</td>
<td>---</td>
<td>1.0</td>
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<td>REPORT</td>
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<tr>
<td>Largest Other Single Component (3 Decimals)</td>
<td>WT%</td>
<td>Chromatography</td>
<td>0.100</td>
<td>---</td>
<td>0.149</td>
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<tr>
<td>n-Heptane</td>
<td>WT%</td>
<td>Chromatography</td>
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<td>99.0</td>
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<tr>
<td>trans-1,2-Dimethylcyclopentane</td>
<td>WT%</td>
<td>Chromatography</td>
<td>0.05</td>
<td>---</td>
<td>0.249</td>
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</tr>
</tbody>
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