Product Specification

HARP® R134a/R152a blend

Composition:

<table>
<thead>
<tr>
<th>Component name</th>
<th>Chemical Formula</th>
<th>CAS Number</th>
<th>Composition</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,1-Difluoroethane (R152a)</td>
<td>CH₃CHF₂</td>
<td>75-37-6</td>
<td>13 +0.5 -1.5 %w/w</td>
</tr>
<tr>
<td>1,1,1,2-tetrafluoroethane (R134a)</td>
<td>CH₃FCF₃</td>
<td>811-97-2</td>
<td>87 +1.5 -0.5 %w/w</td>
</tr>
</tbody>
</table>

Guaranteed Specifications

- Purity: Minimum 99.5 %w/w
- Water content: Maximum 10.0 ppm w/w
- Non-Condensable Gas (vapour phase): Maximum 3.0 % v/v
- High boiling residue: Maximum 0.01 % w/w
- Acidity (as HCl): Maximum 1.0 ppm w/w
- Chloride: No visible turbidity Pass
- Appearance: Clear and colourless liquefied gas

For toxicological and health and safety information, please consult our Material Safety Data Sheet.

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Reviewed by CJH, June 2013