Boron Trifluoride

Description
Synonym: Boron Fluoride
Formula: BF₃

Gas Data
Molecular Weight: 67.81
Density: 2.9 kg/m³ @ 21.1°C, 101.325 kPa
Specific Volume: 0.35 m³/kg @ 21.1°C, 101.325 kPa

Safety Information
Permissible Exposure Limit (TLV): 1 ppm

Shipping Information
CAS Registry Number: 7637-07-2
UN Number: UN 1008
ECCN Number: EAR99
DOT Proper Shipping Name: Boron Trifluoride, Compressed
DOT Classification: 2.3, Hazard Zone B (gas poisonous by inhalation)
DOT Label: INHALATION HAZARD
TC Shipping Name: Boron Trifluoride, Compressed
TC Classification: 2.3
TC Label: POISON GAS

Gas Grade Purity Specifications

<table>
<thead>
<tr>
<th>Product Code</th>
<th>Cylinder Size</th>
<th>US Content</th>
<th>Metric Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>G1503101</td>
<td>1A</td>
<td>50 lb</td>
<td>22.68 kg</td>
</tr>
<tr>
<td>G1503140</td>
<td>2</td>
<td>15 lb</td>
<td>6.80 kg</td>
</tr>
<tr>
<td>G1503175</td>
<td>LB</td>
<td>0.375 lb</td>
<td>170 gm</td>
</tr>
</tbody>
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A Certificate of Conformance will be provided on request.