**CHEMICAL:** Chlorobenzene (#18)

**TLV - TWA:** 75 ppm (350 mg/m³)

**TVL - STEL:** __________

<table>
<thead>
<tr>
<th>Symptoms/Conditions</th>
<th>Level</th>
<th>Acute/Chronic</th>
<th>Reference</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Slight liver changes in experimental animals</td>
<td>475 ppm repeated exposures</td>
<td>Chronic</td>
<td>D:R2P123</td>
<td>200 ppm - NOEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Severity = 1</td>
</tr>
<tr>
<td>Fetotoxicity: musculo-skeletal defects</td>
<td>10 ppm</td>
<td>Chronic</td>
<td></td>
<td>Severity = 2</td>
</tr>
</tbody>
</table>

**Conclusions**

Chronic toxicant
Starting point 75 ppm
Adjustment factor: \(10 \times 2 \text{ (chronic)} \times 2 \text{ (severity)} \times 4 \text{ (continuous exposure)} = 160\)
Recommended AAL 0.47 ppm (24 hour)

**Comments**

AAL: 0.47 ppm (2.2 mg/m³), 24-hr averaging time, 1987

D: Documentation of Threshold Limit Values, 1986 (R: reference, P: page)
R: Registry of Toxic Effects of Chemical Substances