**CHEMICAL:** Benzyl Chloride (#11)

**TLV - TWA:** 1 ppm (5 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>Conjunctivitis</td>
<td>1.5 ppm/5 min.</td>
<td>Acute irritant</td>
<td>D:R3P55</td>
<td></td>
</tr>
<tr>
<td>Conjunctivitis</td>
<td>8 ppm/10 sec.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Conclusions**

Acute irritant  
Starting point: 1 ppm (TWA)  
Adjustment factor 10  
Recommended AAL 0.1 ppm (one hour)

**Comments**

AAL: 0.1 ppm (0.5 mg/m³), 1-hr averaging time, 1987

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