**Chemical:**

- **p-Dichlorobenzene (#24)**

**TLV - TWA:**

- 75 ppm (450 mg/m³)

**TLV - STEL:**

- 110 ppm (665 mg/m³)

<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>Description of liver necrosis, eye lens opacities, cataract, edema of extremities, vertigo and loss of weight</td>
<td></td>
<td></td>
<td>D: R1-5, P179</td>
<td>No exposure by inhalation route</td>
</tr>
</tbody>
</table>

**Conclusions**

- Acute irritant
- Starting point 110 ppm (STEL)
- Adjustment factor 10
- Recommended AAL 11 ppm (15 min.)

**Comments**

- NTP studies show evidence of carcinogenicity in animals.
- May become a B2 carcinogen but has not been classified by EPA as yet.

AAL: 11 ppm (66 mg/m³), 15-minute averaging time, 1987

The Environmental Management Commission (EMC) changed the 15-min averaging time to 1-hr averaging time in 1997.

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