**CHEMICAL:** Hexachlorocyclopentadiene (#39)

<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>Lacrimation, nasal irritation</td>
<td>?</td>
<td>Acute</td>
<td>D:R2P300</td>
<td></td>
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<tr>
<td>Liver and kidney degeneration</td>
<td>0.15 ppm</td>
<td>Chronic</td>
<td>D:R1P300</td>
<td></td>
</tr>
</tbody>
</table>

**Conclusions**

Acute irritant and chronic toxicant
Starting point 0.01 ppm (TWA)
Adjustment factors
- acute irritant: 10
- chronic toxicant: 10 x 2 (chronic) x 4 (continuous exposure) x 2 (severity) = 160

Recommended AAL 0.001 ppm (1 hr)
0.000006 ppm (24 hr)

**Comments**

AAL: 0.001 ppm (0.01 mg/m³), 1-hour averaging time, 1987
6 x 10⁻⁵ ppm (6 x 10⁻⁴ mg/m³), 24-hour averaging time, 1987

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