CHEMICAL: Dichlorodifluoromethane (#19.4)

TLV – TWA: 10 ppm (40 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>Data about adverse effects only at 1000 ppm +</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No gross effect</td>
<td>50 ppm</td>
<td></td>
<td>D:R7P187</td>
<td>Rats: 90 days of repeated exposure</td>
</tr>
<tr>
<td>Liver damage</td>
<td>200-500 ppm</td>
<td>Chronic (repeated exposures)</td>
<td>D:R7P187</td>
<td></td>
</tr>
</tbody>
</table>

Conclusions

Chronic toxicant
Starting point 10 ppm
Adjustment factors: 10 x 2 (chronic) x 4 (continuous exposure) = 80
Recommended AAL 0.125 ppm (24 hr)

Comments

AAL: 0.125 ppm (0.5 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