

# Tetramethyllead

## MAK Value Documentation, supplement – Translation of the German version from 2001

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### Keywords:

tetramethyllead, peak limitation, excursion factor

<b>MAK value (1995)</b>	<b>0.05 mg/m<sup>3</sup> (as Pb)</b>
<b>Peak limitation (2001)</b>	<b>Category II, excursion factor 2</b>
<b>Absorption through the skin (1966)</b>	<b>H</b>
<b>Sensitization</b>	–
<b>Carcinogenicity</b>	–
<b>Prenatal toxicity (1995)</b>	<b>Pregnancy Risk Group D</b>
<b>Germ cell mutagenicity</b>	–
<b>BAT value (1995)</b>	<b>50 µg total lead/l urine</b>
<b>CAS number</b>	<b>75-74-1</b>

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## Peak limitation

The MAK value was set in analogy to the value for tetraethyllead. The critical toxic effects are expected to more or less correspond to those of the higher homologue. The toxic agent is probably the metabolite trimethyllead. Irritation of the skin and mucous membranes have not been described.

In analogy to tetraethyllead, the substance is classified in Peak Limitation Category II with an excursion factor of 2.

## Notes

## Competing interests

The established rules and measures of the Commission to avoid conflicts of interest ([https://www.dfg.de/en/dfg\\_profile/statutory\\_bodies/senate/health\\_hazards/conflicts\\_interest/index.html](https://www.dfg.de/en/dfg_profile/statutory_bodies/senate/health_hazards/conflicts_interest/index.html)) ensure that the content and conclusions of the publication are strictly science-based.

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