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# 1,2-Dichloroethane

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Health-based calculated occupational cancer risk values

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Report of the Dutch Expert Committee on Occupational Standards,  
a committee of the Health Council of the Netherlands

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Gezondheidsraad

1997/01 WGD



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## Executive summary

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On request of the Minister of Social Affairs and Employment the Dutch Expert Committee on Occupational Standards (DECOS) estimates the additional cancer risk associated with occupational exposure to substances that have been classified by the European Union as genotoxic carcinogens. In this report the committee presents such estimates for 1,2-dichloroethane. It has used the method described in the report 'Calculating cancer risks due to occupational exposure to genotoxic carcinogens' (1995/06WGD).

The committee estimates that the additional cancer risk for 1,2-dichloroethane amounts to:

- $4 \times 10^{-5}$  for 40 years of occupational exposure to  $0.07 \text{ mg/m}^3$
- $4 \times 10^{-3}$  for 40 years of occupational exposure to  $7 \text{ mg/m}^3$ .