

Risk Characterisation - (E171)

Executive Summary

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34. Exposures for all population groups for the mean total diet are below or very close to the established HBGV of 10 mg/kg bw per day.
35. Exposures estimated for the 95th percentile total diet range from 9.1 to 26 mg/kg bw per day. The exposures for adults (18+) and the elderly are below the established HBGV and adverse health effects would not be expected. Although estimated exposures for infants, toddlers, children and adolescents are 1.3- to 2.6-fold higher than the HBGV, actual exposures are likely to be lower than those calculated. In addition, as noted in paragraph 30, the HBGV is likely to be conservative.
36. Therefore, exposures to food grade TiO₂ (E171) from the diet are unlikely to present a risk to health for the UK population.